Motor

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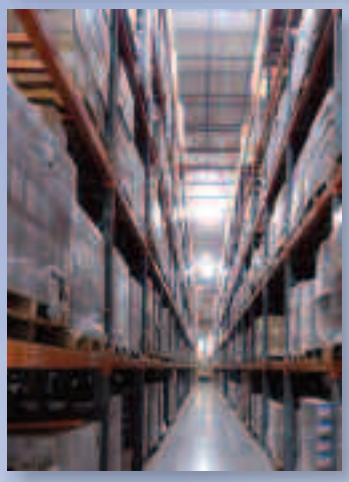

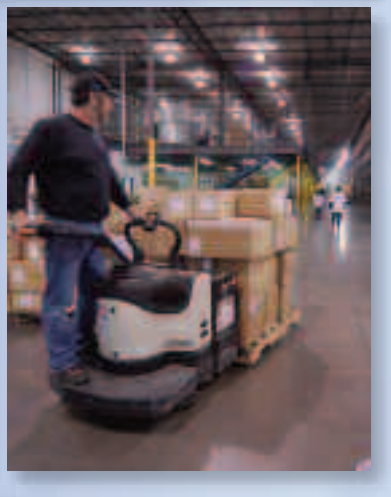

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95823	AM-18
95831	AM-19
95831	AM-19
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95841	AM-19
95842	AM-19
95865	AM-19
95866	AM-19
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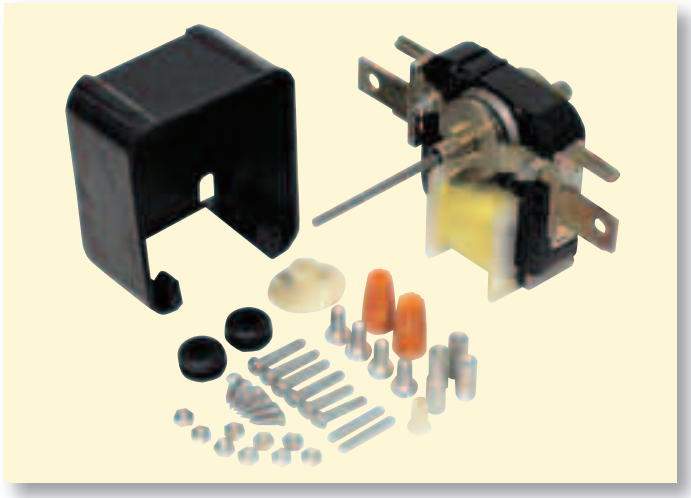
95932	AM-19
95941	AM-19

C-Frame - Shaded Pole Motors

MARS SERIES **909**



Specifications:

- Electrical rating: 90999, 115V, 50/60 Hertz
  90998, 220V, 50/60 Hertz
- Overload protection: impedance protected
- Speed: 3000 RPM
- Shaft: 1/8 inch diameter with adaptors for 3/16 inch and hubless fans

MARS NO.	DESCRIPTION	VOLTS
90999	"Super-Fit" motor with accessories	115V, 50/60 Hz
90998	"Super-Fit" motor with accessories	220V, 50/60 Hz

90999 Super-Fit™ 3000 RPM Replacement Motor*

The MARS 90999 Super-Fit™ replacement fan motor is designed to replace virtually any refrigerator evaporator fan motor.

The MARS 90999 motor incorporates a unique new system which duplicates any OEM mounting quickly and easily. The rotor is reversible in the field for either clockwise or counterclockwise rotation.

In addition the MARS 90999 motor has the power to perform in even the largest refrigerators.

The MARS 90999 Super-Fit™ motor comes complete with mounting accessories, hardware, and illustrated instructions.

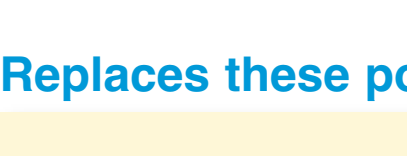
Fan blades on page M–4.

*U.S. Patent

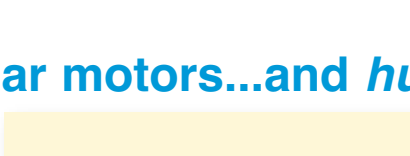
Features:

- Reversible rotation
- Duplicates any OEM motor
- Break-off shaft
- Easy-to-use, fewer parts to assemble than competitive motors
- Stock one motor—save on inventory
- Complete with accessories and instructions

Replaces these popular motors...and *hundreds more!*

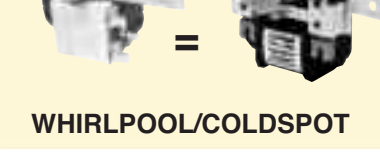


WHIRLPOOL/COLDSPOT



WHIRLPOOL/COLDSPOT

FRIGIDAIRE



GIBSON

WESTINGHOUSE

PHILCO

C-Frame - Shaded Pole Motors

MARS SERIES 909

MARS One-On-One™ Direct Replacement Motors

MARS one-on-one™ direct replacement evaporator fan motors are engineered to install and perform like OEM motors.

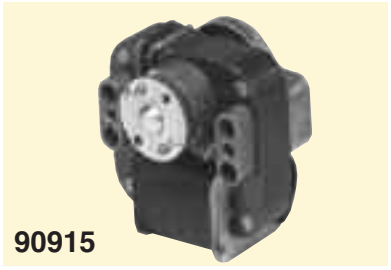
Each motor is individually boxed and clearly labeled with cross reference information.

Fan blades on page M–4.

Features:

- Direct one-on-one™ replacement
- Matches OEM mounting, rotation, and performance
- Easy, fast installation
- Individually boxed and clearly labeled
- Models for all popular motors from leading OEM suppliers

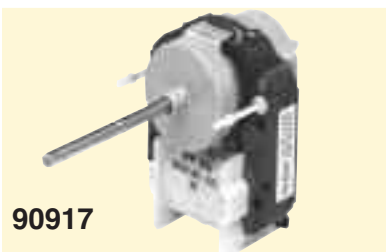
FRANKLIN



FRANKLIN

OEM No.	Universal	One-on-One MARS No.
F88162	90999	**90915**

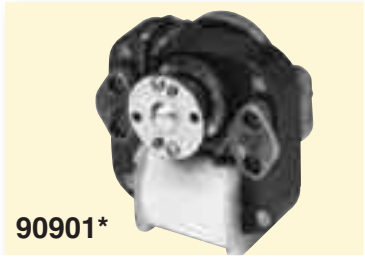
GE/HOTPOINT

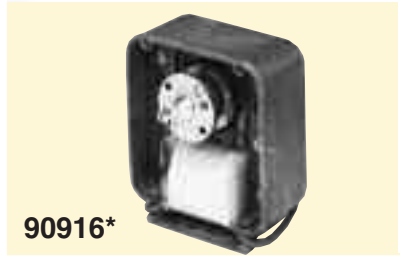


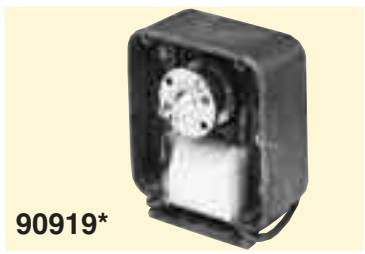
GE/HOTPOINT

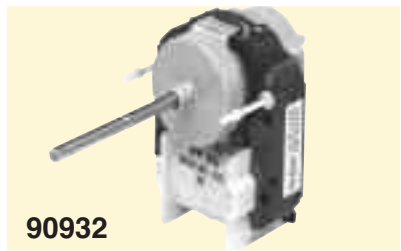
OEM No.	Universal	One-on-One MARS No.
WR60X60	90999	**90905**
WR60X71	90999	**90905**
WR60X84	90999	**90905**
WR60X85	90999	**90917**
WR60X100	90999	**90917**
WR60X104	90999	**90917**
WR60X5023	90999	**90905**

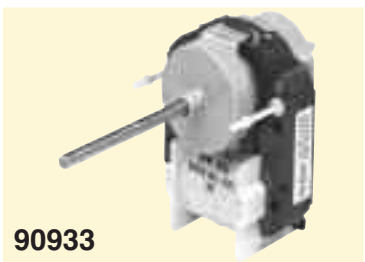
FRIGIDAIRE







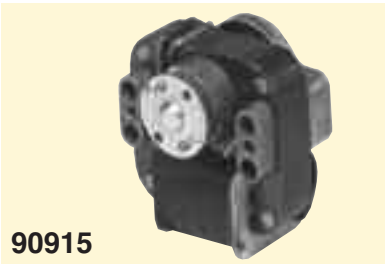




FRIGIDAIRE

OEM No.	Universal	One-on-One MARS No.
629965	90999	**90901**
1136442	90999	**90932**
1136914	90999	**90922**
1137820	90999	**90933**
6599388	90999	**90916**
6599389	90999	**90919**

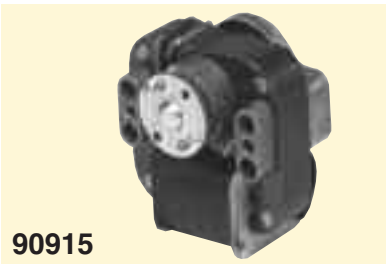
GIBSON



GIBSON

OEM No.	Universal	One-on-One MARS No.
K1230632	90999	**90915**

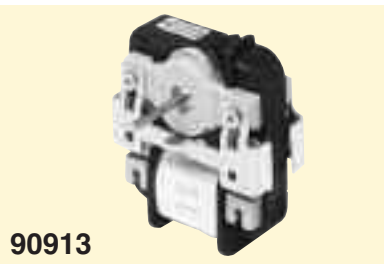
KELVINATOR



KELVINATOR

OEM No.	Universal	One-on-One MARS No.
F86162	90999	**90915**
K1230632	90999	**90915**

WESTINGHOUSE



** Limited quantities available while supplies last.*

C-Frame - Shaded Pole Motors

MARS SERIES **909**

MARS Super-Fit™ 3000 RPM Utility Motors Standard And Heavy Duty

MARS Super-Fit™ C Frame utility motors offer the widest choice of general replacement skeleton frame motors. Typical applications are small fans and blowers, bathroom ventilators, range hoods, electric heaters, hair dryers, air cleaners, humidifiers, and refrigeration equipment.

Fan blades on page M–28.

Features:

- UL and CSA recognized
- All angle mount
- Re-circulating oil system
- Compact size
- mechanically reversible

Specifications:

- Sleeve bearings, standard duty
- Ball bearings, heavy duty
- Class A insulation, standard duty
- Class B insulation
- 60 HZ

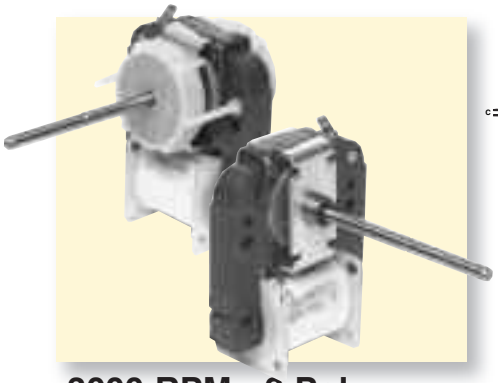
3000 Rpm - Standard Duty - Sleeve Bearings - Class A Insulation

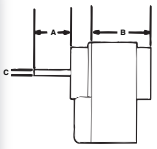
MARS NO.	HP	VOLTAGE	STACK SIZE	SHAFT	THERMAL PROTECTION	F.L.A.	REPLACES WWG #4M
90937	1/500	115	5/16"	3/16" x 1"	Impedance	.26	067
90942	1/100	115	7/8"	3/16" x 1"	Impedance	.47	072
90935**	1/100	200-240	1"	3/16" x 2"	Impedance	0.3/0.35	071
90944	1/70	230	7/8"	3/16" x 1"	Auto	.44	074

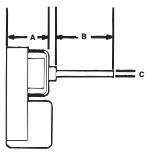
3000 Rpm - Heavy Duty - Ball Bearings - Class B Insulation

** Class B Insulation

MARS NO.	HP	VOLTAGE	STACK SIZE	SHAFT	THERMAL PROTECTION	F.L.A.	REPLACES WWG #4M
90948	1/150	115	5/8"	3/16" x 2"	Impedance	.51	078







5KSB44 Shaded Pole Evaporator Fan Motors

GE 5KSB44 motors are designed for use on domestic and commercial refrigerators and systems. MARS Nos. 90975, 90976, 90977, and 90978 are packaged with two fan blades and mounting hardware for replacement of many popular motors.

Features:

- All angle sleeve bearings
- 3000 RPM single speed
- For domestic and commercial applications

Specifications:

- Single phase, 60 Hertz (90976 and 90975, 60/50 Hertz)
- Fan duty, continuous air over
- Ground lead

3000 RPM - 2 Pole

MARS NO.	GE NO. 5KSB44	INPUT WATTS	VOLTS	AMPS	ROTOSE	DIMENSIONS A	B	C	APPLICATION
90976*	QSE156	19.5	115	.29	CW	2.5"	1.03"	.19(3/16)"	DOMESTIC
90977*	QSE145	23.0	220	.18	CCW	2.5"	1.03"	.19(3/16)"	EXPORT
90978*	QSE146	23.0	220	.18	CW	2.5"	1.03"	.19(3/16)"	EXPORT

** Limited quantities available, while supplies last.*

Plastic Fan Blades

Plastic Fan Blades

MARS NO.	ROTOSE	FOR SHAFT DIAMETER	NO. OF BLADES	DIAMETER
90991	CCW	.19"	5	4.0"
90992	CW	.13"	5	4.0"
90993	CCW	.13"	5	4.0"
90995	CW	.19"	4	3.5"
90996	CCW	.19"	4	3.5"

C-Frame - Shaded Pole Motors

MARS SERIES 909

90970 Super-Fit™ 3000 RPM Commercial Replacement Motor*

MARS 90970 Super-Fit™ commercial evaporator fan motor is the most versatile, easy-to-use, heavy-duty replacement evaporator fan motor available.

MARS 90970 is the first motor of this type with a dual voltage coil so you can stock one motor for both 115 volt and 230 volt applications. The unique system of slide locator screws lets you match OEM mountings quickly and easily.

The reversible 90970 features rugged, die cast bearing housings with self-aligning bearings and generous oil reservoir. The break-off shaft has adaptors to fit 1/8, 3/16, 1/4 , 5/16 inch bores and hubless fan blades.

Fan blades on page M–4.

*U.S. Patent

Features:

- Dual voltage coil, 110-120/208-240 VAC
- 50/60 Hertz • mechanically reversible

Specifications:

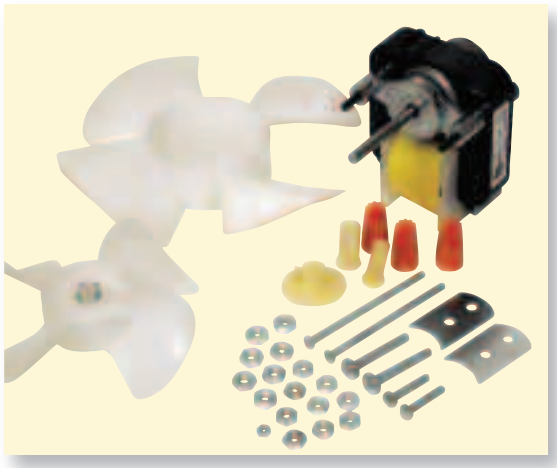
- Electrical: 110-120/208-240 VAC; 50/60 Hertz
- Protection: thermal overload protected
- HP: 1/50 • RPM: 3000

MARS 90970 Replaces:

ACME MIAMI	GEM		UNI-LINE ROBERT SHAW
750	EM675	EM680	14011
7502	EM675	EM683	14019
780			

3000 Rpm—Mechanically Reversible

MARS NO.	HP	AMPERAGE	STACK HT. IN.	SHAFT	VOLTAGE
90970	1/50	1.33	.75	2.174 x .1875	110-120/208-240



90971 Super-Fit™ 3000 RPM Replacement Motor Kit With Fan Blades

The MARS 90971 Super-Fit™ replacement motor kit with fan blades is designed to provide all the material necessary to replace virtually any existing application that requires a 3/8", 1/2", or 5/8" stack motor.

The motor features a specially designed recirculating oil system for long life.

Each kit includes MARS Super-Fit™ hardware plus a 4" diameter fan blade and a 5 1/2" diameter fan blade.

Additional fan blades on page M–4.

Features:

- All angle mount
- UL and CSA recognized
- Impedance protection
- Mechanically reversible
- Recirculating oil system

Specifications:

- Sleeve bearings
- Class A insulation
- 3000 RPM
- 60 HZ

Cross Reference:

MARS NO.	ACME-MIAMI	GEM	UNI-LINE/ROBERTSHAW	SUPCO
90971	600 700 710 AM-4670	EM670	33-670 (14001)	SM-670

3000 RPM—Mechanically Reversible

MARS NO.	HP	VOLTAGE	AMPS	SHAFT	STACK
90971	1/130	120	.41	1.42" x 3/16"	5/8"

Unit Bearing -Shaded Pole Motors

MARS SERIES 150 & 451

Unit Bearing Motors

MARS-2 Unit Bearing Cast Iron Motors are used on refrigerators, freezers, food & beverage coolers, vending machines, display cases, and many other fan duty applications.

**Note: 13" lead w/lyall plug*

MARS 2 No.	WATTS	VOLTS	ROTATION
15109	2	115	CW
15211	4	115	CW
15212	4	115	CCW
15221	4	230	CW
15222	4	230	CCW
15311	6	115	CW
15312	6	115	CCW
15119*	9	115	CW
15411	9	115	CW
15412	9	115	CCW
15421	9	230	CW
15422	9	230	CCW
15811	16	115	CW
15812	16	115	CCW
15821	16	230	CW
15822	16	230	CCW

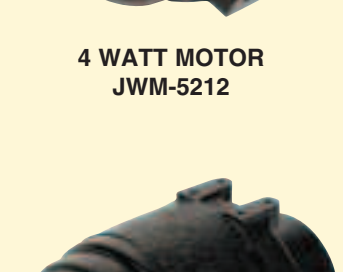
Features:

- Cast iron construction
- Universal mount
- Mounting screws included
- Individually boxed
- UL recognized

Watt Motors

All motors are totally enclosed, UL and CSA approved, and have a proven track record of ruggedness, quality, and value. All motors are packed in individual boxes - no more lost mounting hardware. JARD Watt Motors are covered by a One Year Warranty.

4 WATT MOTOR
JWM-5212



50 WATT MOTOR

1/4" Threaded Shaft

MARS No.	JARD No.	WATTS	VOLTS	ROTATION	RPM
45111	JWM-5111	2.5	115	CW	1550
45212	JWM-5212	4	115	CCW	1550
45312	JWM-5312	6	115	CCW	1550
45411	JWM-5411	9	115	CW	1550
45422	JWM-5422	9	230	CCW	1550
45812	JWM-5812	16	115	CCW	1550
45822	JWM-5822	16	230	CCW	1550
45911	JWM-25EM1	25	115	CW	1500
45921	JWM-25EM2	25	230	CW	1500
45922	JWM-25EMR2	25	230	CCW	1500
45711	JWM-35EM1	35	115	CW	1500
45712	JWM-35EMR1	35	115	CCW	1500
45721	JWM-35EM2	35	230	CW	1500
45722	JWM-35EMR2	35	230	CCW	1500

3/8" Smooth Shaft

MARS No.	JARD No.	WATTS	VOLTS	ROTATION	RPM
45511	JWM-50EM1	50	115	CW	1500
45512	JWM-50EMR1	50	115	CCW	1500
45521	JWM-50EM2	50	230	CW	1500
45522	JWM-50EMR2	50	230	CCW	1500

Refrigeration Fan Motors - Shaded Pole

3.3 inch dia. MARS SERIES **099**

09914
09915

09916
09917
09927

MARS Super-Fit™ 3.3 Inch Commercial Evaporator Fan And Blower Motors

Application

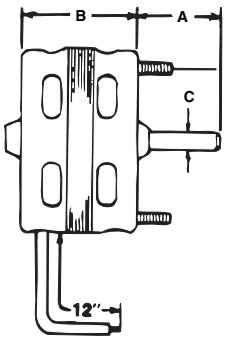
Mechanically reversible rotation can be used to replace virtually all popular 3.3" dia. commercial refrigeration evaporator fan motors.

Features:

- Mechanically reversible
- Adaptable to front or rear mount
- All angle operation
- Specially selected low temp. oil
- Full flatted black oxide shafts
- U.L. and C.S.A. recognized thermal protection
- Consult Air Mars section of this catalog for fan blades & accessories

Specifications:

- Single phase, 60 Hertz
- 12 inch leads
- Thermally protected



1550 Rpm – Mechanically Reversible

MARS NO.	HP	VOLTS	AMPS	ROT OLE	DIMENSIONS A	B	C
09914	1/70	115	.7	CW	2.50	2.34	1/4
09915	1/50	115	.8	CW	2.50	2.59	1/4
09916	1/30	115	1.2	CW	2.50	2.96	5/16
09917	1/20	115	1.9	CW	2.50	2.96	5/16
09927	1/20	208/230	1.0	CW	2.50	2.96	5/16

Cross Reference

A.O Smith	Fasco	Magnetek	RMR	MARS #
AO122, AO123	D120, D121	683, 14, 15	RR-1104	**09914**
AO124, AO125	D1134	18, 19	RR-1105	**09915**
AO126, AO127	D532, D181	28,29	RR-1106	**09916**
AO132, AO133	D132, D133	572, 574, 30, 31	RR-1107	**09917**
AO188, AO189	D188, D189	575	RR-4107	**09927**

Refrigeration Fan Motors - Shaded Pole

3.3 inch dia. MARS SERIES 099

MARS One-On-One™ 3.3 Inch Commercial Refrigeration Evaporator Fan And Blower Motors

These motors feature original OEM-type plugs, wiring harness and conduit box (where appropriate).

Features:

- original OEM-type mounting
- original OEM-type wiring
- specially selected low temp oil
- full flatted black oxide shafts

Specifications:

- class B insulation
- thermally protected

1550 RPM – Bohn Applications / With Lyall Plug

MARS NO.	HP	VOLTS	AMPS	ROT OLE	DIMENSIONS A	B	C
09930	1/20	115	2.0	CW	3	3	5/16
09931	1/15	230	1.1	CW	3	3.5	5/16
09938*	1/12	230	0.57	CW	2.6	4	5/16

1400 RPM – Broan Applications / With Molex Plug

MARS NO.	HP	VOLTS	AMPS	ROT OLE	DIMENSIONS A	B	C
09946*	1/50	115	0.78	CW	1.38	2.5	5/16

1400 RPM – Broan applications / with 115V plug

MARS NO.	HP	VOLTS	AMPS	ROT OLE	DIMENSIONS A	B	C
09945*	1/33	115	1.2	CCW	1.38	2.13	1/4

3000 RPM – Ice Machine applications

MARS NO.	HP	VOLTS	AMPS	ROT OLE	DIMENSIONS A	B	C
09947*	1/20	115/230	1.7/0.85	CCW	6.5	4.75	5/16

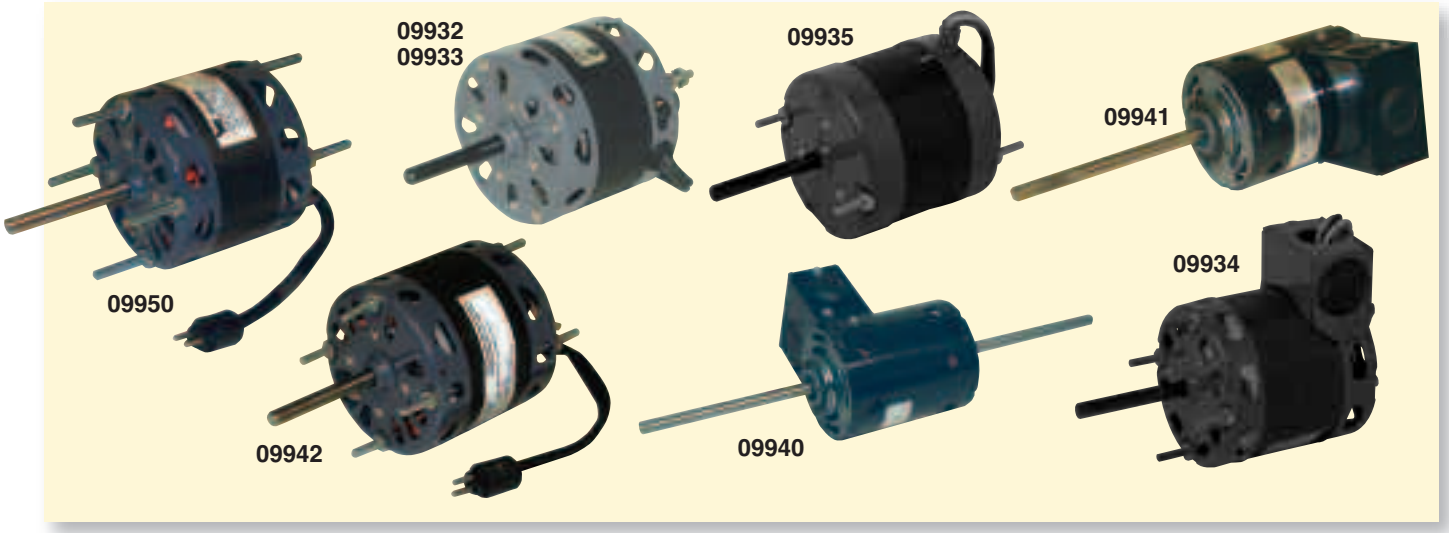
1500 RPM – Jenn-Aire applications

MARS NO.	HP	VOLTS	AMPS	ROT OLE	DIMENSIONS A	B	C
09948*	1/25	115	1.35	CW	1.8	3.1	5/16

* Cross Reference on pages M-10 to M-11

Refrigeration Fan Motors - Shaded Pole

3.3 inch dia. MARS SERIES 099



1500 RPM – Kramer-Trenton Applications / With Lyall Plug

MARS NO.	HP	VOLTS	AMPS	ROT OLE	DIMENSIONS A	B	C
09950*	1/20	115	2.1	CW	2.5	2.8	5/16

1550 RPM – Kramer-Trenton Applications / With Lyall Plug

MARS NO.	HP	VOLTS	AMPS	ROT OLE	DIMENSIONS A	B	C
09942*	1/20	230	1.0	CW	2.4	3.1	5/16

1550 RPM – Larkin Applications / With Lyall Plug

MARS NO.	HP	VOLTS	AMPS	ROT OLE	DIMENSIONS A	B	C
09932	1/20	115	1.9	CCW	2.25	2.75	5/16
09933	1/20	208/230	1.3	CCW	2.25	3	5/16

1000 RPM – McQuay Applications

MARS NO.	HP	VOLTS	AMPS	ROT OLE	DIMENSIONS A	B	C
09940*	1/15, 1/25, 1/35	115	1.7, 1.3, 1.0	CW	5.28	4.4	3/8

1200 RPM – McQuay Applications

MARS NO.	HP	VOLTS	AMPS	ROT OLE	DIMENSIONS A	B	C
09941*	1/25, 1/35, 1/65	115	1.2, 0.8, 0.4	CW	5.25	4.4	3/8

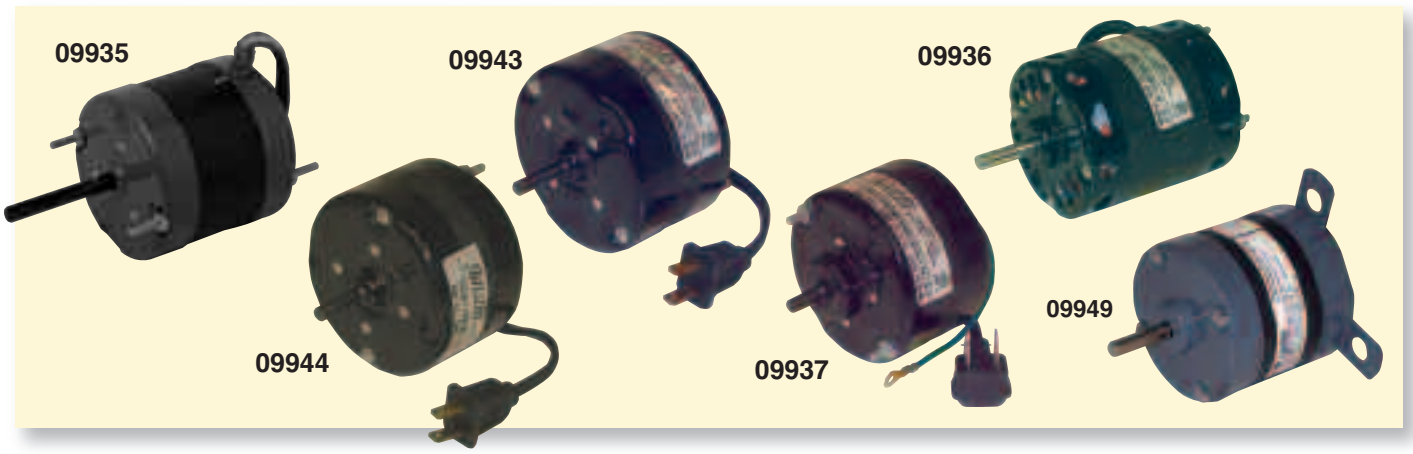
1550 RPM – McQuay Applications

MARS NO.	HP	VOLTS	AMPS	ROT OLE	DIMENSIONS A	B	C
09934*	1/15	115/230	2.35/1.16	CW	2.5	3.5	5/16
09939*	1/10, 1/12, 1/15	115	1.9, 1.3, 1.0	CW	5.25	4.4	3/8

* Cross Reference on pages M-10 to M-11

Refrigeration Fan Motors - Shaded Pole

3.3 inch dia. MARS SERIES 099



1550 RPM – Singer Applications

MARS NO.	HP	VOLTS	AMPS	ROT OLE	DIMENSIONS A	B	C
09935	1/25	115/230	1.53/.79	CW	2.5	3.125	5/16

1550 RPM – Nutone Applications / With 115VPlug

MARS NO.	HP	VOLTS	AMPS	ROT OLE	DIMENSIONS A	B	C
09944*	1/100	115	0.7	CCW	1.2	2.1	1/4
09943*	1/100	115	0.7	CW	1.2	2.1	1/4
09937*	1/100	115	0.7	CCW	1.27	2.1	1/4

1550 RPM – Nutone Applications

MARS NO.	HP	VOLTS	AMPS	ROT OLE	DIMENSIONS A	B	C
09936*	1/10	115	3.15	CCW	1.5	3.7	5/16

1550/1300 RPM – Krack Applications

MARS NO.	HP	VOLTS	AMPS	ROT OLE	DIMENSIONS A	B	C
09949*	1/20	115/230	1.8/0.9	CW	1.6	3.2	5/16

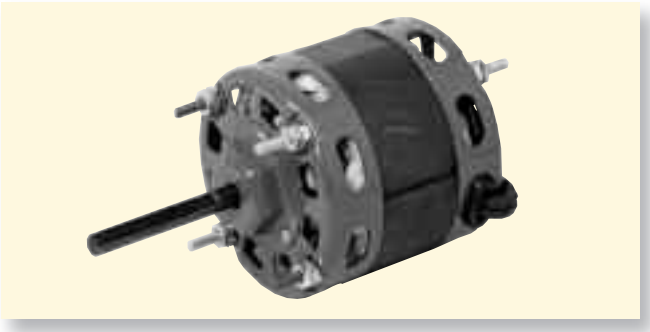
* Cross Reference on pages M-10 to M-11

Cross Reference

MARS	OEM	AOS/MAG	Fasco	Emerson	Hubbell
09936	NuTone	1107/621	D1107		S-1163
09937	NuTone	1109/509	D1109	9637	S-1145
09938	Bohn		D1125	9656	P-1089
09939	McQuay		D1140		P-1111
09940	McQuay		D1141		P-1112
09941	McQuay		D1144		P-1110
09942	Kramer	1154/396	D1154	9655	S-1142
09943	NuTone	540/692	D540	9638	S-1147
09944	NuTone	541/693	D541	9636	S-1053
09945	Broan	632			S-1166
09946	Broan	633			S-1162
09947	Ice Machine		D214		S-1143
09948	Jenn-Aire		D184		S-1148
09949	Krack		D1189		S-1141
09950	Kramer		D1152		S-1164

Refrigeration Fan Motors - Shaded Pole

3.3 inch dia. MARS SERIES 099



One-On-One 3.3 Inch Commercial Refrigeration Evaporator Fan and Blower Motors

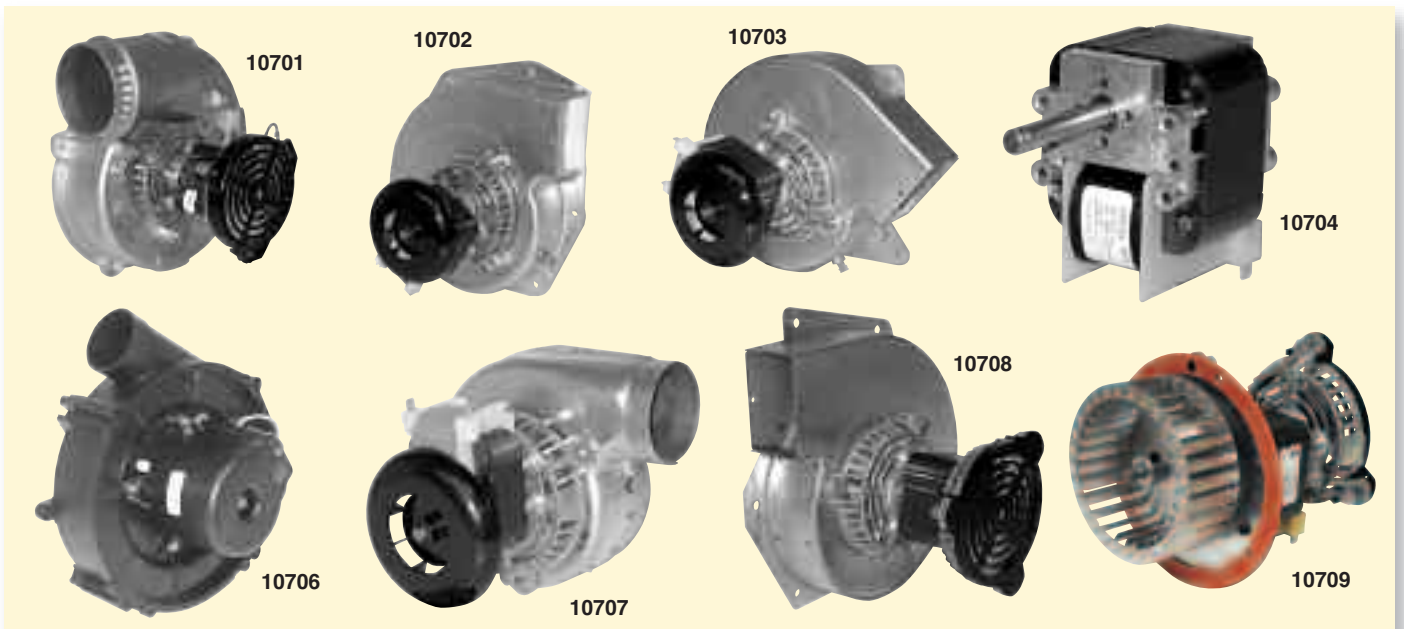
MARS NO.	HP	VOLTS	AMPS	ROT (LE)	RPM
09936	1/10	115	3.8	CW	1550
09937	1/100	115	0.7	CW	1550
09938	1/12	208/230	0.6	CCW	1400
09939	1/10 1/12 1/15	115	1.9 1.3 1.0	CCW	1500
09940	1/15 1/25 1/35	115	1.7 1.3 1.0	CCW	1000
09941	1/25 1/35 1/65	115	1.2 0.8 0.4	CCW	1200
09942	1/20	208/230	1.0	CW	1550
09943	1/100	115	0.7	CCW	1550
09944	1/100	115	0.7	CW	1550
09945	1/33	115	1.2	CW	1550
09946	1/50	115	0.8	CCW	1400
09947	1/20	115/230	1.7 0.85	CW	3000
09948	1/25	115	1.4	CW	1550
09949	1/20	115/230	1.8 0.9	CW	1550
09950	1/20	115	2.1	CW	1500

Cross Reference

A.O Smith	Bohn	Fasco	Krack	Kramer	Larkin	Magnetek	Nutone	McQuay	Singer	MARS
AO1124	5KSM59JSK143S 5034LS, 5008SS	D1124	–	–	–	572	–	–	–	**09930**
AO1126	5KSM59S262AS 5034MS, 5008TS	D1126	–	–	–	573	–	–	–	**09931**
AO1101	–	D1101	–	–	253-1194	574	–	–	–	**09932**
AO1103	–	D1103	–	–	253-1195	575	–	–	–	**09933**
AO1142	–	D1142	–	–	– BA2H015	342	–	879-382562B-00	–	**09934**
AO1164	–	D1164	–	–	–	– JAZP0901N		–	JAZP091N	**09935**
AO1107	–	D1107	–	–	–	–	67176 32997	–	–	**09936**
AO1109	–	D1109	–	–	–	–	23405 23388	–	–	**09937**
–	7190-0442	D1125	–	–	–	–	–	–	–	**09938**
–	–	D1140	–	–	–	–	–	879-382564B-00	–	**09939**
–	–	D1141	–	–	–	–	–	879-382563B-00	–	**09940**
–	–	D1144	–	–	–	–	–	BA2H015	–	**09941**
AO1154	–	D1154	–	JA2R140N	–	–	–	–	–	**09942**
AO540	–	D540	–	–	–	–	3813	–	–	**09943**
AO541	–	D541	–	–	–	–	26750	–	–	**09944**
AO632	–	–	–	–	–	-	–	–	–	**09945**
AO633	–	–	–	–	–	–	–	–	–	**09946**
–	–	D214	–	–	–	–	–	–	–	**09947**
–	–	D184	–	–	–	–	–	–	–	**09948**
–	–	D1189	11528 11529	–	–	–	–	–	–	**09949**
–	–	D1152	–	5KSM59ES2001	–	–	–	–	–	**09950**

Specific Purpose Blowers

MARS SERIES **107**



MARS brand draft inducer blower assemblies are designed and manufactured to serve as drop-in, exact replacements in high efficiency furnaces.

Draft Inducer Blowers For High Efficiency Furnaces

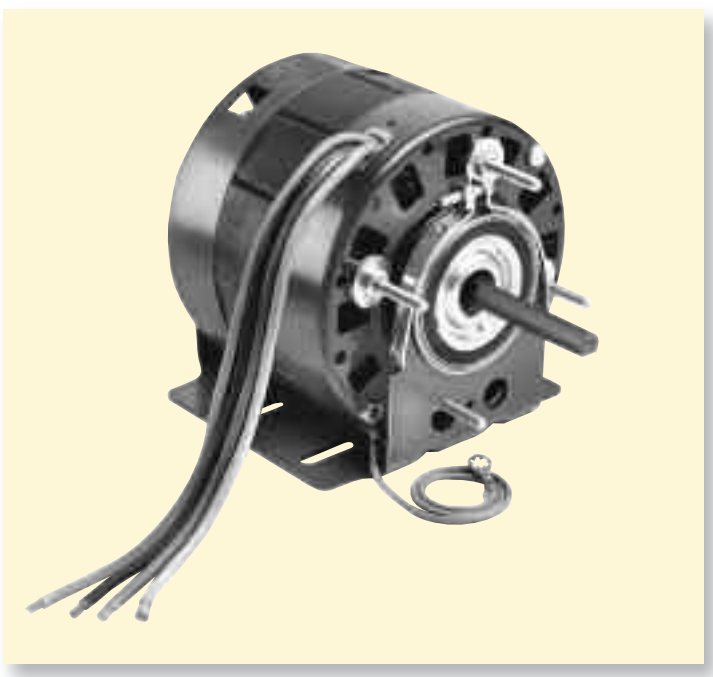
Specifications:

• C-Frame • 60 Hz • single speed

MARS NO.	OEM	OEM NO.	APPLICATION	VOLTS	AMP	RPM	BEARING TYPE
10701	Rheem	70-24157-03	80+ furnace	120	1.71	3400	ball bearing
10702	Goodman	B40590-00	80+ furnace	115	1.40	3000	sleeve bearing
10703	Goodman	B18590-05	80+ furnace	115	1.40	—	ball bearing
10704	Carrier	HC21ZE117	80+ furnace	115	1.80	—	ball bearing
10709	Carrier	HC24HE230	80+ furnace	208/230	1.00	—	ball bearing
10706	ICP	1014338	90+ furnace	115	2.40	3000	ball bearing
10707	Lennox	88K8401	80+ furnace	120	1.30	3000	ball bearing
10708	Trane	787P01	80+ furnace	120	1.00	3000	ball bearing

Refrigeration Fan Motors - Shaded Pole

5 inch dia. MARS SERIES 106



MARS 21/29 Frame Commercial Refrigeration Replacement Motors

MARS brand 21/29 frame refrigeration replacement motors have been designed to provide the contractor with tremendous versatility. Dual voltage and mechanical reversibility make these ideal truck stock for today's busy refrigeration contractor. 1050 RPM and 1550 RPM models are available.

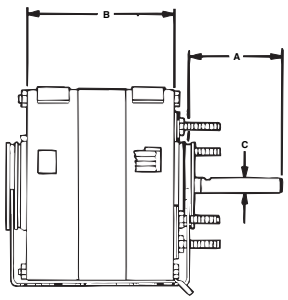
Features:

- 115/208-230 volt
- Simple mechanical reversibility, lead exit provided at both ends
- Extended studs with double nuts
- Mounting washers included
- All angle sleeve bearings
- 2 1/4 inch resilient rings for base mounting
- CCW (lead end) rotation as factory assembled
- Base and clamps included

	Functional Equivalent to:		
	10609	10611	10615
GE	2121/2122 2113	2331/2332 2341/2342	2131/2132 2141/2142 2231/2232 2241/2242
Magnetek/ Univ	608/609	610/611	614/615 612/613
Fasco	D490/D491	D484/D485	D480/D481 D482/D483
A.O.Smith	RF6402/RF6403		326P118/326P119 RF4400/RF4401
Emerson	F1471	F1468	F1469 F1470

Specifications:

- single phase, 50/60 Hertz
- automatic thermal overload protection
- 30" color coded leads
- 3/8" shaft diameter with 1/2" adapter included



1050 RPM – Mechanically Reversible

MARS NO.	HP	VOLTS	LE ROT	F.L.A. 115/208-230V	DIMENSIONS A	B	C
10609	1/10	115/230	CCW	4.0/2.0	2.25	4.92	3/8

1550 RPM – Mechanically Reversible

MARS NO.	HP	VOLTS	LE ROT	F.L.A. 115/208-230V	DIMENSIONS A	B	C
10611	1/20	115/230	CCW	3.8/1.9	2.25	4.92	3/8
10615	1/10	115/230	CCW	4.0/2.0	2.25	4.92	3/8

Carbonator Pump Motors

5½ inch dia. MARS SERIES 108

MARS Carbonator And Specialty Pump Motors

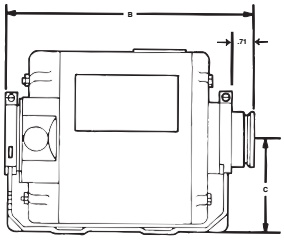
MARS specialty pump motors are designed for use on carbonator pumps and other positive displacement pump applications. These motors are ideally suited for use in dispensing equipment, closed loop process temperature control and water purification equipment.

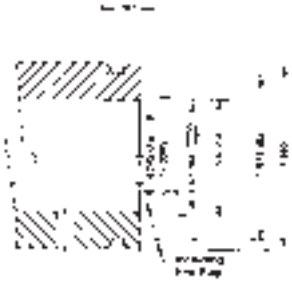
Features:

- Heavy duty sleeve bearings
- Resilient base
- Unique start winding switch design

Specifications:

- Single phase
- 60 Hertz and 50/60 Hertz models
- Overload protected
- Continuous duty
- 40°C ambient
- 1/4, 1/3, 1/2 HP models





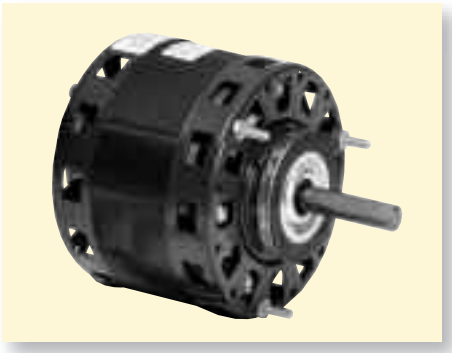
1725 RPM - Single Speed

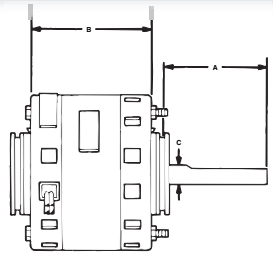
MARS NO.	HP	VOLTS	HZ.	AMPS	SF	DIMENSIONS B	C	FRAME
10842*	1/3	115	60	6.2	1.0	8.57	3.0	48Y
10844*	1/3	115/230	50/60	4.6/2.3	1.0	8.57	3.0	48Y
10845*	1/2	115/230	50/60	6.8/3.4	1.0	9.07	3.0	48Y

** Limited quantities available, while supplies last.*

Direct Drive Blower Motors - Shaded Pole

5 inch dia. MARS SERIES 108





MARS Shaded Pole Direct Drive Furnace Blower Motors

MARS shaded pole direct drive furnace blower motors are excellent, economic choices for a wide variety of direct drive blower applications. These class “B” insulated motors will provide long life and quiet operation.

Features:

- Sleeve bearings
- Resilient ring mounting
- Extended studs
- CCW lead end rotation
- NEMA 42 (29) frame
- All angle mounting

Specifications:

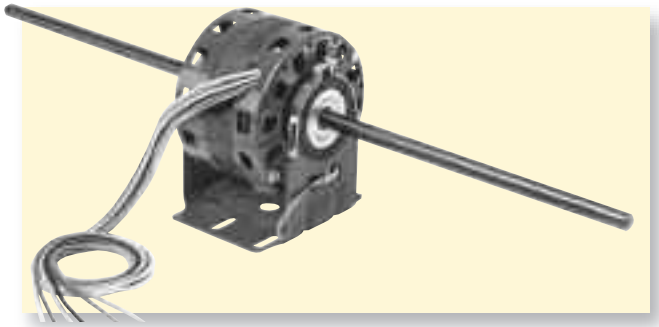
- Automatic thermal overload protection
- Class “B” insulation
- 60 Hertz
- Fan duty continuous air over
- U.L. and C.S.A. approved

1050 RPM - Three Speed

MARS NO.	HP	VOLTS	AMPS	ROT OSE	DIMENSIONS A	B	C
10809	1/8	115	5.8	CCW	3.12	4.42	1/2
10810	1/5	115	6.5	CCW	4.75	5.17	1/2

Fan Coil Motors - Shaded Pole

5 inch dia. MARS SERIES 108



MARS fan coil replacement motor

The MARS fan coil replacement motor, with removable resilient mounting base is used for a wide range of dual blower wheel fan/coil assemblies. This motor is especially suited for P-TACs (package terminal air conditioning). The 10889 replaces a large number of OEM designs.

Features:

- thermal protection
- includes resilient mounting base
- includes female 1/4” spade terminals
- quiet sleeve bearings

Specifications:

- single phase, 60 Hertz
- fan duty continuous air over
- open enclosure

Cross Reference:

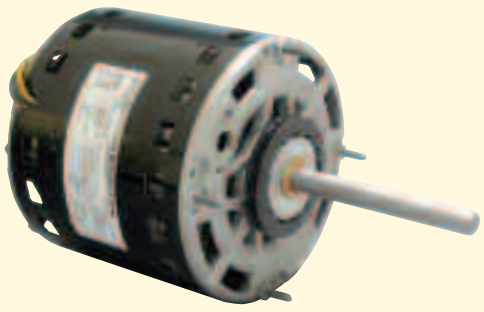
	REPLACES	MARS NO.
A.O. Smith	DBL6409	**10889**
Fasco	D289	**10889**
GE	2089	**10889**
Magnetek/UE	89	**10889**

1050 RPM - Five Speed

MARS NO.	HP	VOLTS	AMPS	ROT LE	DIMENSIONS A	B	C	D
10889	1/10	115	3.5	CCW	10.3	3.34	10.3	1/2

Direct Drive Blower Motors

5½ inch dia. MARS SERIES 100



Direct Drive Furnace Blower Motors

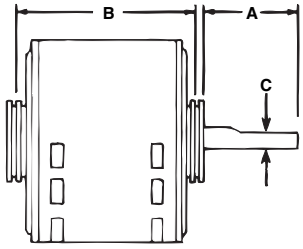
MARS direct drive furnace blower motors are three speed standard efficiency models. All models are electrically reversible and include 2 1/4 inch resilient rings for base mounting. These models have all angle sleeve bearings and have open air over enclosures.

Features:

- All angle sleeve bearings
- 3 speeds
- 1/2 inch extended thru bolts
- 2 1/4 inch resilient rings plus 4 split rings
- Reversible rotation
- 4 inch long, 1/2 inch diameter shaft
- For accessories see pages M–112 to M–114

Specifications:

- Single phase, 60 Hertz
- Overload protection
- Fan duty, continuous, air over
- Open construction
- 26 inch leads
- Class B insulation



Cross Reference

MARS #	GE	AO Smith	Emerson	Fasco	Marathon	Wagner	Packard	YORK Source 1	Rheem/Ruud Prostock	Carrier/Totaline RCD	Nordyne Partner's Choice
10583	3583	DL1026	1863	D721	X000	WG840583	43583	S1-FHM3583	51-24435-83	P257-8583	01-0169
10584	3584	D1026	1971	D725	X001	WG840584	43584	S1-FHM3584	51-24435-84	P257-8584	01-0173
10585	3585	DL1036	1864	D727	X002	WG840585	43585	S1-FHM3585	51-24435-85	P257-8585	01-0170
10586	3586	D1036	1972	D923	X003	WG840586	43586	S1-FHM3586	51-24435-86	P257-8586	01-0174
10587	3587	DL1056	1865	D701	X004	WG840587	43587	S1-FHM3587	51-24435-87	P257-8587	01-0171
10588	3588	D1056	1973	D703	X005	WG840588	43588	S1-FHM3588	51-24435-88	P257-8588	01-0175
10589	3589	DL1076	8904	D728	X009	WG840589	43589	S1-FHM3589	51-24435-89	P257-8589	01-0172
10590	3590	D1076	8905	D729	X010	WG840590	43590	S1-FHM3590	51-24435-90	P257-8590	01-0176

MARS NO.	HP	ROT	RPM/Sp.	Voltage	Amps	Cap Required	Encl.	Brg.	DIMENSIONS A	B	C
10583	1/4	Rev	1075/3	115	4.2	5/370	OAO	Slv	4.00	4.89	1/2
10584	1/4	Rev	1075/3	208-230	1.8	5/370	OAO	Slv	4.00	4.89	1/2
10585	1/3	Rev	1075/3	115	6.1	5/370	OAO	Slv	4.00	5.14	1/2
10586	1/3	Rev	1075/3	208-230	2.7	5/370	OAO	Slv	4.00	5.14	1/2
10587	1/2	Rev	1075/3	115	7.5	10/370	OAO	Slv	4.00	5.89	1/2
10588	1/2	Rev	1075/3	208-230	3.2	7.5/370	OAO	Slv	4.00	5.64	1/2
10589	3/4	Rev	1075/3	115	11.2	15/370	OAO	Slv	4.00	6.14	1/2
10590	3/4	Rev	1075/3	208-230	4.5	10/370	OAO	Slv	4.00	6.14	1/2

Condenser Fan Motors - Single Phase - PSC

5½ inch dia. MARS SERIES 100

Outdoor Condenser Fan Motors

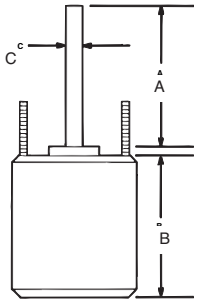
MARS up/down outdoor condenser fan motors are designed for either vertical shaft-up or shaft-down applications. Shell and end shields are enclosed for weather protection. A weep hole is provided in each end shield to allow condensate to drain. All of these motors are suitable for air conditioning or heat pump applications.

Features:

- Reversible rotation
- Thru bolt or band mounting
- Water slinger on shaft
- Serrated end caps on vertical shaft-up models
- Full six inch shaft length
- Up/down design
- All angle sleeve or ball bearings
- Double full flatted shaft

Specifications:

- Class B insulation
- Single phase, 60 Hertz
- Automatic thermal overload protected
- Fan duty, continuous, air over
- 26 inch leads



Cross Reference

MARS #	GE	AO Smith	Emerson	Fasco	Marathon	Wagner	Packard	YORK Source 1	Rheem/Ruud Prostock	Carrier/Totaline RCD	Nordyne Partner's Choice
10727	3727	FSE1016S	1859	D917	X411	WG840727	43727	S1-FHM3727	51-24437-27	P257-8727	01-0160
10728	3728	FSE1026S	1860	D909	X412	WG840728	43728	S1-FHM3728	51-24437-28	P257-8728	01-0161
10729	3729	FSE1036S	1861	D908	X413	WG840729	43729	S1-FHM3729	51-24437-29	P257-8729	01-0162
10730	3730	FSE1056S	1862	D907	X414	WG840730	43730	S1-FHM3730	51-24437-30	P257-8730	01-0163
10731	3731	FSE1076S	1868	D933		WG840731	43731	S1-FHM3731	51-24437-31	P257-8731	01-0164
10403	3403	FSE1018SF	1873	D798	X465		60825				0165
10404	3404	FSE1028SF	1874	D934		WG840204	40825	S1-FHM3204			0166
10405	3405	FSE1038SF	1875	D796	X451	WG840205	30825	S1-FHM3205		P257-8026	0167
10746	3746	FSE1056SF	1870	D713	X452						0168

1075 RPM

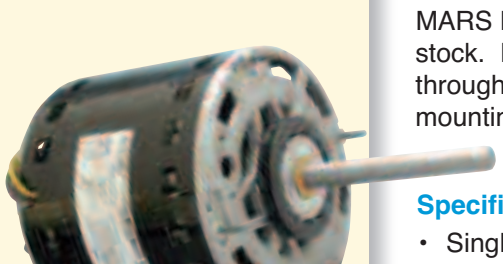
MARS NO.	HP	ROT	RPM/Sp.	Voltage	Amps	Cap Required	Encl.	Brg.	DIMENSIONS A	B	C
10727	1/6	Rev	1075/1	208-230	1.0	5/370	TEAO	Sleeve	6.00	4.23	1/2
10728	1/4	Rev	1075/1	208-230	1.8	5/370	TEAO	Sleeve	6.00	4.23	1/2
10729	1/3	Rev	1075/1	208-230	2.4	7.5/370	TEAO	Sleeve	6.00	5.23	1/2
10730	1/2	Rev	1075/1	208-230	3.5	10/370	TEAO	Sleeve	6.41	5.73	1/2
10731	3/4	Rev	1075/1	208-230	4.7	10/370	TEAO	Ball	6.00	6.23	1/2

825 RPM

MARS NO.	HP	ROT	RPM/Sp.	Voltage	Amps	Cap Required	Encl.	Brg.	DIMENSIONS A	B	C
10403	1/6	Rev	825/1	208-230	1.0	5/370	TEAO	Sleeve	6.00	4.23	1/2
10404	1/4	Rev	825/1	208-230	2.2	5/370	TEAO	Sleeve	5.75	4.48	1/2
10405	1/3	Rev	825/1	208-230	1.9	7.5/370	TEAO	Sleeve	6.00	5.23	1/2
10746	1/2	Rev	825/1	208-230	3.4	7.5/370	TEAO	Sleeve	5.92	6.23	1/2

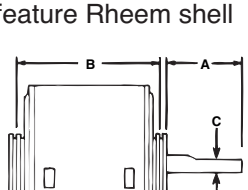
Multi-Horsepower Motors

5½ inch dia. MARS SERIES 100



Multi-Horsepower Direct Drive Furnace Blower Motors

MARS Brand multi-horsepower direct drive blower motors are ideal for truck stock. Four models cover both 115 volt and 208-230 volt applications from 1/6 through 3/4 HP. All MARS brand multi-horsepower motors feature Rheem shell mounting holes.



Specifications:

- Single phase, 60 Hz
- Overload protection
- Class B insulation

Features:

- 2-1/2 inch resilient rings
- Reversible rotation

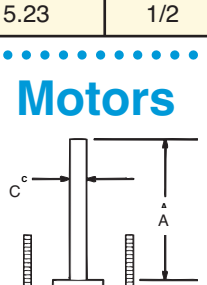
Cross Reference

MARS #	GE	AO Smith	Emerson	Fasco	Marathon	Wagner	YORK Source 1	Rheem/Ruud Prostock	Carrier/Totaline RCD
10463	3463	FDL6001	5460	D2835	X077	WG840463	S1-FHM3463	51-23012-41	P257-E5461
10464	3464	FD6000	5461	D833	X073	WG840464	S1-FHM3464	51-23022-41	P257-E5460
10466	3466	FDL6002	5470	D2832	X074	WG840466	S1-FHM3466		P257-E5471
10467	3467	FD6001	5471	D2833	X075	WG840467	S1-FHM3467		P257-E5470

MARS NO.	HP	ROT	RPM/Sp.	Voltage	Encl.	Brg.	DIMENSIONS A	B	C
10463	1/6 - 1/2	Rev	1075/4	115	OAO	Slv	5.00	4.73	1/2
10464	1/6 - 1/2	Rev	1075/4	230	OAO	Slv	5.00	4.73	1/2
10466	1/5 - 3/4	Rev	1075/4	115	OAO	Ball	5.25	5.73	1/2
10467	1/5 - 3/4	Rev	1075/4	230	OAO	Ball	5.00	5.23	1/2

Multi-Horsepower Condenser Fan Motors

MARS Brand multi-horsepower condenser fan motors are ideal for truck stock. Three 1075 RPM models cover 208-230 volt applications from 1/6 to 1/2 HP.
All MARS brand multi-horsepower motors feature Rheem shell mounting holes.



Specifications:

- Single phase, 60 Hz
- Overload protection
- Class B insulation

Features:

- Thru bolt or band mounting
- Water slinger on shaft
- Air conditioning or heat pump duty

Cross Reference

MARS #	GE	AO Smith	Emerson	Fasco	Marathon	Wagner	YORK Source 1	Rheem/Ruud Prostock	Carrier/Totaline RCD
10458	3458	ORM5458	5458						
10459	3459	ORM5488B	5464						
10465	3465	FE6000	5462	D2827	X072	WG840465	S1-FHM3465	51-20354-11	P257-E5462
10468	3468	FE6002	5465		X076	WG840468	S1-FHM3468		P257-E5465
10469	3469	FE6001	5464	D2826		WG840469	S1-FHM3469	51-20760-11	P257-E5464

	MARS NO.	HP	ROT	RPM/Sp.	Voltage	Encl.	Brg.	DIMENSIONS A	B	C
The Wiz	10458	1/6 - 1/3	Rev	1075	208-230	TEAO	Ball	6.50	3.82	1/2
The Wiz	10459	1/8 - 1/3	Rev	825	208-230	TEAO	Ball	6.50	5.48	1/2
	10465	1/6 - 1/3	Rev	1075/2	208-230	TEAO	Ball	5.00	4.73	1/2
	10468	1/5 - 1/2	Rev	1075/2	208-230	TEAO	Ball	5.00	5.48	1/2
	10469	1/6 - 1/3	Rev	825/2	208-230	TEAO	Ball	5.00	5.48	1/2

Multi-Horsepower Motors

5½ inch dia. MARS SERIES 100

Multi-Horsepower Capacitor & Speed Tap Configuration

All multi-horsepower motors include Rheem shell mounting holes.

DIRECT DRIVE

MARS Motor #10463 Direct Drive Blower Motor

Motor HP	Speed to Use	Capacitor	MARS Capacitor #	FLA
1/2	All Speeds	15/370	12010 or 12910	6.2
1/3	All Speeds	5/370 or 7.5/370*	12005 or 12905 or 12007 or 12907*	6.1
1/4	Med-Hi or Med-Lo:Lo	5/370 or 7.5/370*	12005 or 12905 or 12007 or 12907*	4.4
1/5	Med-Lo:Lo	5/370 or 7.5/370*	12005 or 12905 or 12007 or 12907*	3.2
1/6	Lo	5/370 or 7.5/370*	12005 or 12905 or 12007 or 12907*	2.4

** using a 7.5 mfd capacitor will result in approx. 10% stronger motor*

MARS Motor #10464 Direct Drive Blower Motor

Motor HP	Speed to Use	Capacitor	MARS Capacitor #	FLA
1/2	All Speeds	10/370	12008 or 12908	2.7
1/3	All Speeds	5/370 or 7.5/370*	12005 or 12905 or 12007 or 12907*	2.6
1/4	Med-Hi or Med-Lo:Lo	5/370 or 7.5/370*	12005 or 12905 or 12007 or 12907*	1.9
1/5	Med-Lo:Lo	5/370 or 7.5/370*	12005 or 12905 or 12007 or 12907*	1.4
1/6	Lo	5/370 or 7.5/370*	12005 or 12905 or 12007 or 12907*	1.1

** using a 7.5 mfd capacitor will result in approx. 10% stronger motor*

MARS Motor #10466 & 10467 Direct Drive Blower Motor

Motor HP	Speed to Use	Capacitor	MARS Capacitor #	FLA #10466	FLA #10467
3/4	All Speeds	20/370	12014 or 12914	8.5	4.2
1/2	All Speeds	10/370	12008 or 12908	8.3	3.8
1/3	Med-Hi or Med-Lo:Lo	10/370	12008 or 12908	4.6	2.3
1/4	Med-Lo:Lo	10/370	12008 or 12908	3.4	1.9
1/5	Lo	10/370	12008 or 12908	2.7	1.5

CONDENSER FAN

MARS Motor #10465 Condenser Fan Motor

Motor HP	Speed to Use	208V	MARS Capacitor #	230V	MARS Capacitor #	FLA
1/3	Hi	7.5/370	12007 or 12907	5/370	12005 or 12905	2.6
1/4	HI	7.5/370	12007 or 12907	5/370	12005 or 12905	2.5
1/5	Lo	7.5/370	12007 or 12907	5/370	12005 or 12905	2.0
1/6	Lo	7.5/370	12007 or 12907	5/370	12005 or 12905	1.8

MARS Motor #10468 Condenser Fan Motor

Motor HP	Speed to Use	208V	MARS Capacitor #	230V	MARS Capacitor #	FLA
1/2	Hi	12.5/370	12009 or 12909	10/370	12008 or 12908	3.0
1/3	HI	12.5/370	12009 or 12909	10/370	12008 or 12908	2.2
1/4	Lo	12.5/370	12009 or 12909	10/370	12008 or 12908	1.6
1/5	Lo	12.5/370	12009 or 12909	10/370	12008 or 12908	1.3

MARS Motor #10469 Condenser Fan Motor

Motor HP	Speed to Use	208V	MARS Capacitor #	230V	MARS Capacitor #	FLA
1/3	Hi	10/370	12008 or 12908	7.5/370	12007 or 12907	1.9
1/4	HI	10/370	12008 or 12908	7.5/370	12007 or 12907	1.5
1/5	Lo	10/370	12008 or 12908	7.5/370	12007 or 12907	1.2
1/6	Lo	10/370	12008 or 12908	7.5/370	12007 or 12907	1.0

The Wiz MARS Motor #10458 Multi-HP Condenser Fan Motor

Motor HP	Speed to Use	208V	MARS Capacitor #	230V	MARS Capacitor #	FLA
1/3	Hi	7.5/370	12007 or 12907	7.5/370	12007 or 12907	2.8
1/4	HI	7.5/370	12007 or 12907	7.5/370	12007 or 12907	2.2
1/5	HI	7.5/370	12007 or 12907	7.5/370	12007 or 12907	1.9
1/6	HI	7.5/370	12007 or 12907	7.5/370	12007 or 12907	1.7

The Wiz MARS Motor #10459 Multi-HP Condenser Fan Motor

Motor HP	Speed to Use	208V	MARS Capacitor #	230V	MARS Capacitor #	FLA
1/3	Hi	10/370	12008 or 12908	10/370	12008 or 12908	1.9
1/4	HI	10/370	12008 or 12908	10/370	12008 or 12908	1.6
1/5	HI	10/370	12008 or 12908	10/370	12008 or 12908	1.4
1/6	HI	10/370	12008 or 12908	10/370	12008 or 12908	1.2
1/8	HI	10/370	12008 or 12908	10/370	12008 or 12908	1.0

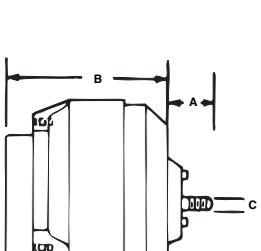
Unit Bearing Motors - High Efficiency ESP

3⅞ inch dia. MARS SERIES 002

EM&S
ESP-L Shaded Pole Motors

Features:
- Cast iron unit bearing
- Single speed
- End or side pad mounting
- Horizontal operation
- With flatted smooth shaft

Specifications:
- Single phase, 60 Hertz
- Overload protection
- Continuous, air over



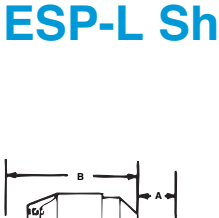
For Tecumseh — Replaces No. 810M050A62

MARS NO.	EMS NO. ESP-	WATTS OUTPUT	VOLTS	AMPS	RPM	ROT OSE	DIMENSIONS A	B	C	SHAFT TYPE
00507	OL50EMJR21	50	230	.85	1500	CCW	2.00	4.25	5/16	with flat

For Kelvinator — Replaces Nos. 24-0366, ESP-L15EMJR11

MARS NO.	EMS NO. ESP-	WATTS OUTPUT	VOLTS	AMPS	RPM	ROT OSE	DIMENSIONS A	B	C	SHAFT TYPE
00152	OL15EMJR11	15	115	.60	1500	CCW	7.00	3.50	5/16	with flat

EM&S
ESP-L Shaded Pole Motors



Features:
- Cast iron unit bearing
- Single speed
- End or side pad mounting
- Threaded shaft (except 00256)
- All angle, shaft down

Specifications:
- Single phase, 60 Hertz
- Overload protection
- Continuous, air over

MARS NO.	EMS NO. SP-	WATTS OUTPUT	VOLTS	AMPS	RPM	ROT OSE	DIMENSIONS A	B	C	D	SHAFT TYPE
00255	L20EMA1	23	115	.8	1500	CW	.50	3.5	1/4	—	thread
00257	L20EMA2	23	230	.4	1500	CW	.50	3.5	1/4	—	thread

for ideal bottle dispenser

MARS NO.	EMS NO. SP-	WATTS OUTPUT	VOLTS	AMPS	RPM	ROT OSE	DIMENSIONS A	B	C	D	SHAFT TYPE
00256	L25ERD1	25	115	1.1	1500	CCW	1.00	4.0	5/16	3.5	smooth

Unit Bearing Motors - High Efficiency ESP

3⅞ inch dia. MARS SERIES 002

EM&S High Efficiency ESP-L Shaded Pole And PSC Motors

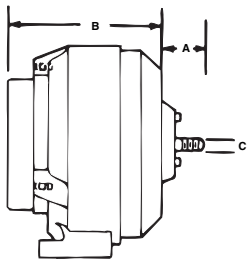
The ESP line of motors is a unique and patented design that makes possible a higher output in a smaller frame.

Features:

- Cast iron unit bearing
- Single speed
- End or side pad mounting
- Horizontal operation
- Threaded or smooth shaft
- Heat isolated oil pump and reseroir

Specifications:

- Single phase, 60 Hertz
- Overload protection
- Continuous, air over



1500 RPM – 1/4" Threaded Shaft

MARS NO.	EMS NO. ESP-	WATTS OUTPUT	VOLTS	AMPS	ROT OSE	DIMENSIONS A	B	C
00201	L16EM1	16	115	.80	CW	.50	3.50	1/4
00251	L25EM1	25	115	1.10	CW	.50	3.50	1/4
00252	L25EMR1	25	115	1.10	CCW	.50	3.50	1/4
00253	L25EM2	25	230	.60	CW	.50	3.50	1/4
00254	L25EMR2	25	230	.60	CCW	.50	3.50	1/4
00351	L35EM1	35	115	1.40	CW	.50	3.50	1/4
00352	L35EMR1	35	115	1.40	CCW	.50	3.50	1/4
00353	L35EM2	35	230	.70	CW	.50	3.50	1/4
00354	L35EMR2	35	230	.70	CCW	.50	3.50	1/4

1500 RPM – Smooth Shaft

MARS NO.	EMS NO. ESP-	WATTS OUTPUT	VOLTS	AMPS	ROT OSE	DIMENSIONS A	B	C
00501	OL50EM1	50	115	1.70	CW	1.50	4.50	3/8
00502	OL50EMR1	50	115	1.70	CCW	1.50	4.50	3/8
00505	OL50EM2B	50	230	.85	CW	1.50	4.50	5/16
00503	OL50EM2	50	230	.85	CW	1.50	4.50	3/8
00504	OL50EMR2	50	230	.85	CCW	1.50	4.50	3/8
00508(1)	OL50EM1B1	50	115	1.70	CW	2.89	4.50	5/16
00513	OL60EM2	50	208-230	1.20	CW	2.89	4.50	3/8

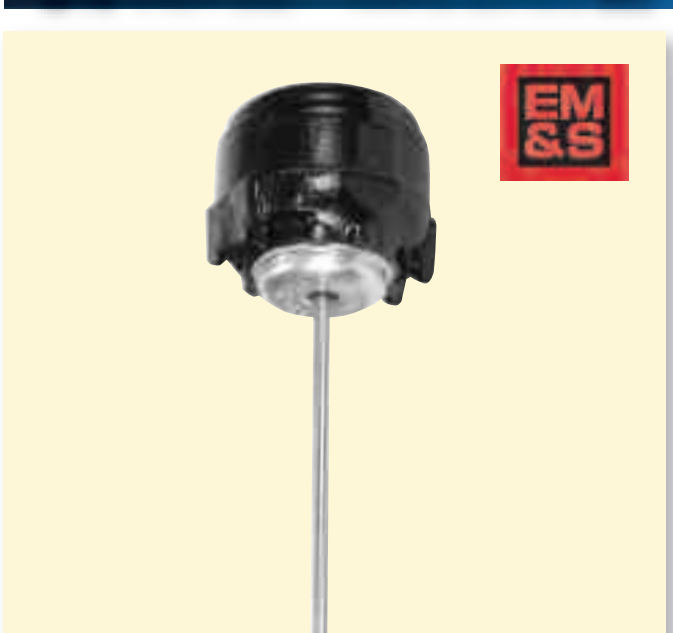
(1) 2 female spade terminals at end of each wire

PSC 1500 RPM – Smooth Shaft

MARS NO.	EMS NO. ESP-	WATTS OUTPUT	VOLTS	AMPS	ROT OSE	CAP	DIMENSIONS A	B	C
00521	OL50EM13	50	115	1.40	CW	15MFD	1.50	4.80	3/8
00522	OL50EM26	50	230	0.79	CW	4MFD	1.50	4.80	3/8

Unit Bearing Motors - High Efficiency ESP

3⅞ inch dia. MARS SERIES 002



EM&S Agitator Motors

These motors are designed for the needs of the beverage dispensing industry. The motors are totally enclosed for moisture protection and operate in a no air-over ambient installation.

Features:

- Cast iron unit bearing
- End or side pad mounting
- Pressurized oil system

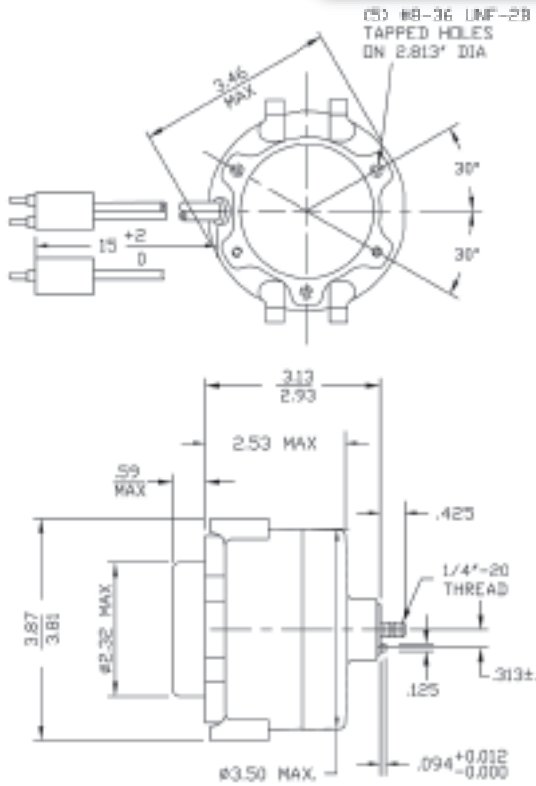
Specifications:

- 60 Hertz
- Hardened stainless steel shaft

MARS NO.	MFG. NO.	HP	VOLTS	RPM/ SPEEDS	ROT(1)	AMPS	DIMENSIONS A	B	D
00401	ESP-LI5EMJR1	15W	115	1500/1	CCW	.60	5.00	3.17	–
3⅞ inch diam., cast iron unit bearing motor, 5/16" shaft with 1/4-20 threaded end includes 11 No. 8-36 motor bearing screws, end or side pad mounting, 13.75 inches external lead length with EMP plug or equivalent									
REPLACES: 18-7036, 18-7388, 18-9840; Rotom R4119; Scotsman 12-1563-1									
00402	ESP-LI5EMJR1B1	15W	115	1500/1	CCW	.60	7.00	3.17	–
3⅞ inch diam., cast iron unit bearing motor, 5/16" shaft with 1/4 - 20 thraded end 11 No. 8-36 mounting screws, end or side pad mounting,13 inches external lead length with two 1/4" quick connects									
REPLACES: 31-4072, 309369, Reed 37-033-24-165, Rotom R6203									
00403	ESP-LI5EMJR1B2	15W	115	1500/1	CCW	.60	5.00	3.17	–
3⅞ inch diam., cast iron unit bearing motor, 5/16" shaft with 1 inch x .270 flat, includes 11 No. 8-36 motor mounting screws, end or side pad mounting, 12 inches external lead length with two #8 ring terminals									
REPLACES: Alco 25246, Lancer 91-0006, Wilshire 25246, 83703									
00404	ESP-L25EMJR1B1	25W	115	1500/1	CCW	1.10	7.00	3.17	–
3⅞ inch diam., cast iron unit bearing motor, 5/16" shaft with .095 dia. pin hole .375 inches from shaft end, includes 11 No. 8-36 motor mounting screws, end or side pad mounting, 21.75 inches external lead length with EMP plug or equivalent									
REPLACES: Alco 36115; Booth 106-134; Cornelius 31-0154; Multiplex 00753715, 00753716; Rowe 555-4583									

Unit Bearing Motors - ECM Unitronix

The universal 5 rear mounting hole configuration and the double boss with 4 drilled and tapped mounting holes on each boss mean *no additional labor or sheet metal work!*



Evaporator/Condenser

Motors & Armatures, Inc. proudly introduces the Electric Motors & Specialties, Inc. new ECM for refrigerated case evaporator and condenser applications, the Unitronix Double Duty. The Unitronix Double Duty is an electronically commutated motor that brings outstanding energy savings to the refrigeration market in the form of a direct drop-in replacement for practically all unit bearing motors. No additional labor or sheet metal work is required to replace an existing shaded pole unit bearing motor with a Unitronix Double Duty.

Heat in a refrigerated space has always been a necessary evil in the food marketing industry. Lights, motors and defrost heating elements are the culprits. But, heat shortens food storage life and adds to the load placed on the refrigeration system. The new Unitronix Double Duty dramatically reduces (by as much as 75%) the waste heat generated by refrigerated case evaporator motors.

The Unitronix Double Duty is the latest in a long line of innovations by EM&S, a 35 year leader in developing energy saving motor designs for the commercial refrigeration industry. EM&S motors are manufactured in the U.S.

Features:

- Special wide temperature range lubrication system
- High capacity oil reservior spiral grooved shaft for efficient distribution of oil to the bearing surface
- Mounting hardware included
- Water shield included
- Tapped & Drilled Mounting Holes:

Universal Evaporator Mount
- Standard 3-Hole
- Custom 4-Hole Hussmann Style

Universal Condenser Mount
- Double Boss

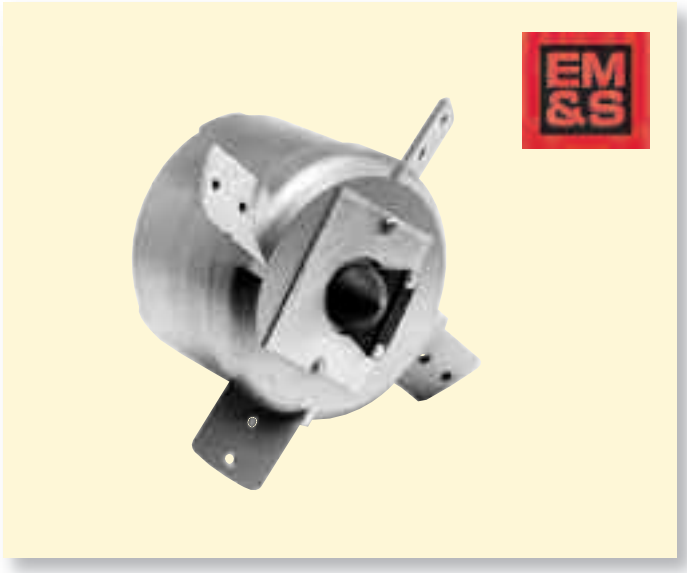
Specifications:

- 1550 RPM Standard
- cast iron
- unit bearing
- EMF P-2-1A Lyall Power Plug
- 15” leads
- UL file no. E128044

MARS NO.	Applications	WATTS	OUTPUT VOLTS	AMPS	NOMINAL OSE	ROT RPM	MARS PACK
00621	Evaporator/Condenser	6-12	115	.25	CW	1550	1
00621 BULK	Evaporator/Condenser	6-12	115	.25	CW	1550	6
00622	Evap/Cond, 90˚Lyall Plug	6-12	115	.25	CW	1550	1
00624	Evaporator/Condenser	14-16	115	.50	CW	1550	1
00624 BULK	Evaporator/Condenser	14-16	115	.50	CW	1550	6
00625	Evap/Cond, 90˚Lyall Plug	14-16	115	.50	CW	1550	1

Fan Motors - Single Phase - PSC or Shaded Pole Motors

5¼ inch dia. MARS SERIES 000



EM&S 4 lug PSC motors

features:

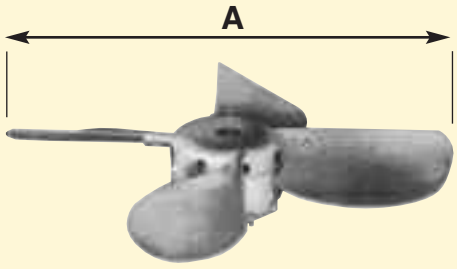
- ball bearings
- 5¼ inch diameter models
- 4 lug PSC type
- all motors have two mounting holes in each lug (obsolete S16 series had three)
- capacitor included on PSC motors

specifications:

- single phase, 60 Hertz
- overload protection
- continuous, air over
- select fan blades below

MARS NO.	EMS NO.	HP	VOLTS	AMPS	RPM	ROT OSE	CAP INCLUDED	HUB TYPE(1)	NO. OF LUGS
5¼ Inch Permanent Split Capacitor - 4 Lugs - Ball Bearings									
00024	S60BHU4L6-C2	1/6	230	1.3	1050	CCW	2/440	unvented	4
00025(2)	S60BHU4L9-C1	1/5	230	1.4	1050	CCW	3/440	unvented	4
00026	S60BCU4L1-C1	1/5	115	3.5	1050	CCW	10/370	unvented	4
00027	S60BHU4L3-C1	1/5	230	1.8	1050	CCW	3/440	radial vents	4

(1) Motors with unvented hubs are not interchangeable with motors having vented or open hubs
(2) Replaces EMS No. S60HUB2



EM&S Aluminum Fan Blades For ESP 60 and S Series Motors

Determine diameter required from old motor with blades mounted. Two mounting holes in each blade.

MARS NO.	EMS NO.	BLADES PER SET	DIAMETER "A" WITH BLADES MOUNTED	APPLICATION
95154	M-7657 ESP60 and S60	4	15 inches	unit heaters
95184	M-1918	4	18 inches	unit heaters
95185	M-12128	4	18 inches	air conditioners
95204	L-7471-2	4	20 inches	A/C & unit heaters
95214	M-12185	4	21⅜ inches	air conditioners
95244	L-12199	4	24 inches	air conditioners

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ECM 51 Frame Commercial Refrigeration Motors

Morrill Motors manufactures an electronically commutated motor that can serve as a drop-in replacement of conventional vertical discharge 51 frame motors in 2-to-16 watt applications. This motor is available in a 9 watt and a 16 watt version. The ECM line (a line of brushless DC motors) design allows operating efficiencies up to 3 times that of standard motors currently in use. This promises substantial energy savings and potentially fast pay-back on the cost of conversion.

Application Notes:

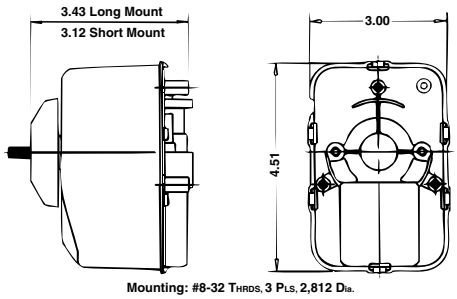
- Motor must be vertical shaft up to 60° from vertical for proper condensate drainage.
- 05443 will replace most existing 9-12 watt unit bearing motors using 8-9" fans with 20-37 degree pitch blades.
- 05444 will replace most unit bearing motors using 8-9" fans with 25-37 degree pitch blades.

Features:

- Ultra high efficiency • improved reliability
- Enhanced airflow performance
- Energy savings of 60 to 75 percent over a wide speed range
- Specially designed labyrinth seal keeps water out of the motor during high pressure washing
- Low operating temperature
- Individually boxed
- Accessories included with each motor; (1) speed nut to mount fan blade, (1) rubber cushion washer, (2) spacer washers, (3) thread forming screws

Specifications:

- Totally enclosed air over
- Ball bearings
- 50/60 hertz



Mounting: #8-32 Thrds, 3 Pls, 2,812 Dia.

ECM installation's average annual energy savings versus shaded pole motors

05443 05444	$35 $55

@ 8¢ KWH and 1.75 multiplier on energy saving

1650 RPM—1/4-20 threaded shaft

MARS NO.	GE NO. 5SME	WATTS	ROTOSE	VOLTS	AMPS	LEAD LENGTH
05443 **05444**	44GG5014 44GG5015	9 16	CW CW	115 115	.32 .4	12" 12"

Refrigeration Fan Motors - ECM

MARS SERIES **064**

morrillmotors®

Top View

Bottom View

58 Series ECM Fan/Motor System™

The field-proven efficiency and reliability of GE ECM Technology™, manufactured by Morrill Motors, now makes it possible to bring increased energy savings to commercial refrigeration air-moving applications with the patented 58 Series fan/motor system. Display case manufacturers utilize GE's ECM Technology™ to deliver energy efficiency and enhanced system performance in supermarkets and convenience stores.

Ultra-High Efficiency

Conventional shaded-pole fan systems are 5 to 7% efficient at full load. In contrast, the Morrill 58 Series ECM Fan/Motor System™ has been designed with a forward-curved air foil with smaller fan-tip clearance that provides world-class fan/motor system efficiency of 20 to 25%. The Morrill 58 Series ECM's permanent-magnet, DC design allows it to maintain 68 to 72% motor efficiency over a wide torque range. This result is more air for lower operating cost.

58 Series Applications

Three models are available: low speed, 1340 RPM for produce, 1470 RPM for medium temp, and 1650 RPM for low temp applications.

MARS offers a growing library of replacement cross reference information. Please contact your MARS sales representative for details.

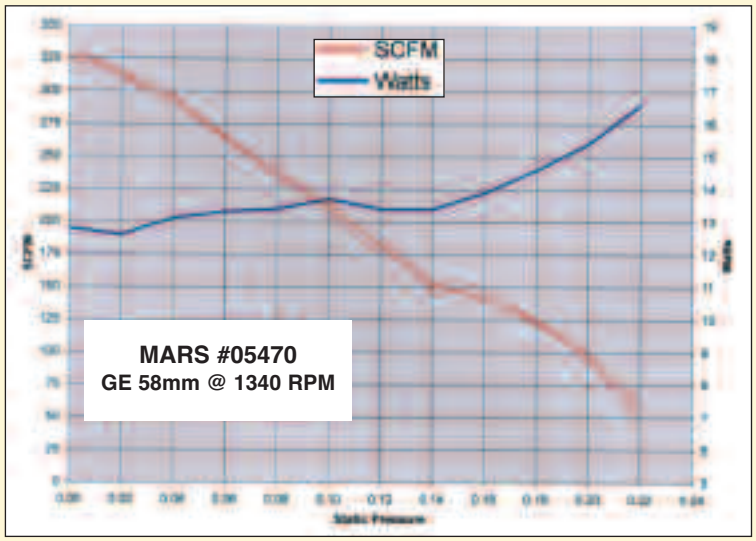
Contractor Testimonial:

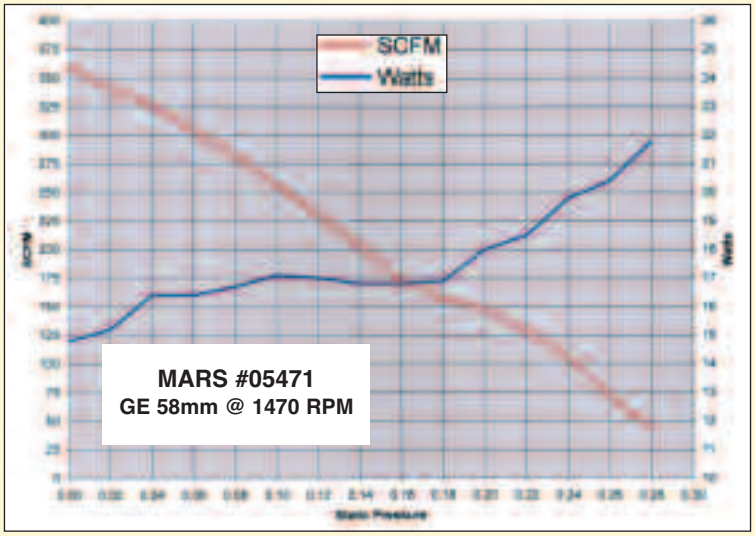
"I retrofitted three 12-foot and two 8-foot cases with these new ECM motors and when I put my meter on them, I discovered that the power consumption was roughly a third of shaded-pole motors. Then I measured the sound level. With the old shaded-poles I got 85 dBa, but with the ECM, the sound wouldn't register. The only thing I could pick up was the ambient noise in the store, which was 72 dBa. In fact, the manager even complained about them not working because he couldn't hear them."

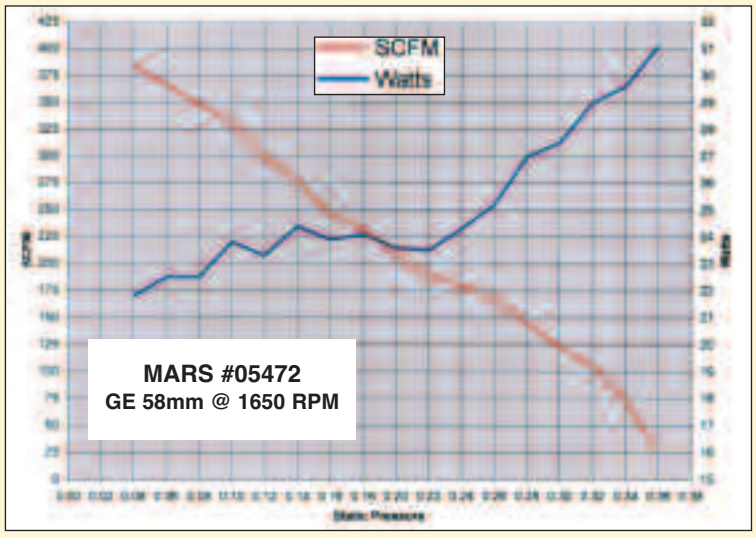
Mark Sattison
Sattison Refrigeration

MARS NO.	GE NO.	VOLTS	MAX WATTS	MAX AMPS	ROT OSE	RPM	AT 0.10" CFM
05477	5SME58AAF1051	115	36	.45	CW	1100	125
05477BOX	5SME58AAF1051	115	36	.45	CW	1100	125
05470	5SME58AAF1027	115	36	.45	CW	1340	210
05470BOX	5SME58AAF1027	115	36	.45	CW	1340	210
05471	5SME58AAF1026	115	36	.45	CW	1470	254
05471BOX	5SME58AAF1026	115	36	.45	CW	1470	254
05476	5SME58AAF1050	115	36	.45	CW	1520	275
05476BOX	5SME58AAF1050	115	36	.45	CW	1520	275
05472	5SME58AAF1031	115	36	.45	CW	1650	331
05472BOX	5SME58AAF1031	115	36	.45	CW	1650	331
05475	5SME58AAF1033	115	36	.45	CW	1725	345
05475BOX	5SME58AAF1033	115	36	.45	CW	1725	345

morrillmotors® 58 series ECM Fan/Motor System™ cont.







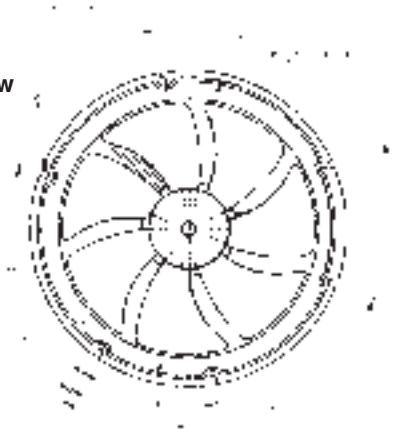
Features:

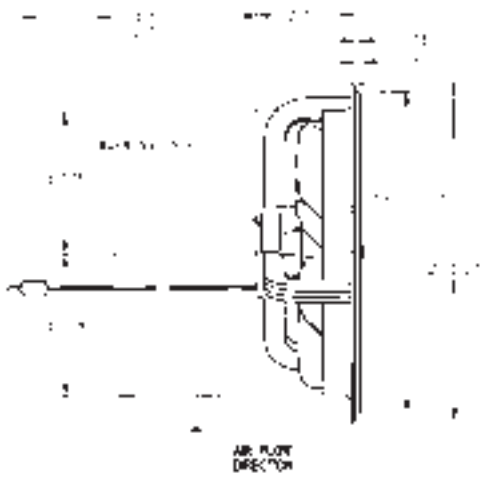
- Moisture Resistant Design for high reliability in wet operating conditions
- Ultra high efficiency brushless DC motor
- Field Proven, Patented GE Electronic Control System
- Drop-in fit for many existing installations (consult with your local MARS sales representative)
- Forward curved asymetrical fan blade design allows quiet, low vibration operation
- Specially designed air foil with low tip clearance to venturi for high efficiency and low noise
- Snap-In power cord with Lyall plug

Specifications:

- Ball Bearings
- Special low temp lubrication system rated to - 40 degrees C.
- 65 degrees C max. ambient
- IEEE C62.41, surge voltages in low voltage AC power circuits.
- IEC 801-4, electrical fast transient and burst requirements

Front View





Refrigeration Fan Motors - ECM

MARS SERIES **064**

MORRILL

morrillmotors

SSC²™

The Morrill SSC² unit bearing motor is primarily used in commercial refrigeration applications, both evaporator and condenser, but can be used in any application demanding high efficiency and dependability with output ratings between 4 – 12 watts.

The SSC² significantly outperforms both shaded pole and PSC technology. With efficiencies three times higher than shaded pole motors and 45% higher than PSC, in addition to the reliable and quiet unit bearing design, the SSC² provides users great reliability and excellent energy savings for their applications.

Environmental Summary:

- Storage Temps: -40 to 80° C ambient
- Operating Temps: -40 to 55° C ambient
- Design Life: 10 years, 83,720 hours on time

Mechanical Summary

- 3.3" electronically commutated aluminum or cast iron unit bearing
- ¼" x 20 threaded shaft
- Aluminum enclosure (totally enclosed)
- Unit bearing
- Five .150" diameter cored mounting holes on rear
- Horizontal shaft (+/- 15°) or vertical shaft up operating position
- Standard 18 gauge, 2 conductor leads
- Lead cord may be terminated with 1/2" stripped wire, in-house molded plugs, eyelets, ¼" quick connects, or special terminals
- RoHS compliant

Applications:

- Bottle Coolers
- Display Cases
- Reach-In Coolers
- Vending Machines

Features:

- Output 4 – 12W
- ~66% peak efficiency
- Speed regulated within +/-6%
- Regulated Speed; +/-6% Full Scale
- 1 Discrete speed
- 51fr Unit Bearing Motor; Cast Aluminum frame
- ¼"-20 threaded shaft
- Universal 5 hole mount
- Side pedestal mounting feet (2 sets standard)

MARS NO.	APPLICATION	OUTPUT WATTS	VOLTS	ROT.	RPM	MARS PACK
00650	Evaporator/Condenser	4-12	115	CW	1550	1
00651	Evaporator/Condenser	4-12	230	CW	1550	1
00652	Evaporator/Condenser (90° lyall plug)	4-12	115	CW	1550	1

Refrigeration Fan Motors - ECM

3.3 inch dia. MARS SERIES 064

ARKTIC™ · 59

The Morrill ARKTIC 59 motor is primarily used in the evaporator of commercial refrigeration walk-in coolers and freezers, but can be used in any application demanding high efficiency and dependability with output ratings up to 50 watts. The ARKTIC 59 significantly outperforms both shaded pole and PSC technology with efficiencies three times higher than shaded pole motors and 40% higher than PSC. In addition to the reliable design, the ARKTIC 59 provides users the ease of drop-in replacement and extraordinary energy savings for their applications.

Features:

- Universal "Drop-In" replacement for walk-in evaporator applications
- Totally enclosed, non-vented
- Shaft water slinger
- Standard thru-bolt configuration
- All angle mount
- Power cord with Lyall Plug

Specifications:

- Automatic torque variation, constant speed
- Low temp (-20° F) lubrication system
- 1550 RPM
- 50/60 Hz
- 1 Discrete speed
- CUL (CE & VDE pending) UL file # E306123
- Ball bearing
- Thermally protected

MARS NO.	DESCRIPTION	MARS PACK
08040	Krack Refrigeration Retrofit Bracket Kit	1

1550 Rpm - Front Or Rear Thru-Bolt Mount

MARS NO.	MFG MODEL 5SME59	NOMINAL HP	VOLTS	AMPS	OSE ROT	MARS PACK
05100	BLA 1036	1/15	115	1.30	CW	1
05100 BULK	BLA 1036	1/15	115	1.30	CW	48
05101	BLA 1038	1/15	115	1.30	CCW	1
05101 BULK	BLA 1038	1/15	115	1.30	CCW	48
05200	BLA 2037	1/15	208-230	0.80	CW	1
05200 BULK	BLA 2037	1/15	208-230	0.80	CW	48
05201	BLA 2039	1/15	208-230	0.80	CCW	1
05201 BULK	BLA 2039	1/15	208-230	0.80	CCW	48

1550 Rpm - Front Mount (Shaft End) Only

MARS NO.	MFG MODEL 5SME59	NOMINAL HP	VOLTS	AMPS	OSE ROT	DIMENSIONS A	B	C
05102	BLA 1058	1/15	115	1.30	CCW	2.61	4.13	5/16
05103	BLA 1060	1/15	115	1.30	CW	2.61	4.13	5/16
05202	BLA 2059	1/15	208-230	0.80	CCW	2.61	4.13	5/16
05203	BLA 2061	1/15	208-230	0.80	CW	2.61	4.13	5/16

Refrigeration Fan Motors - ECM

5½ inch dia. MARS SERIES 064

morrillmotors®

ARKTIC·142

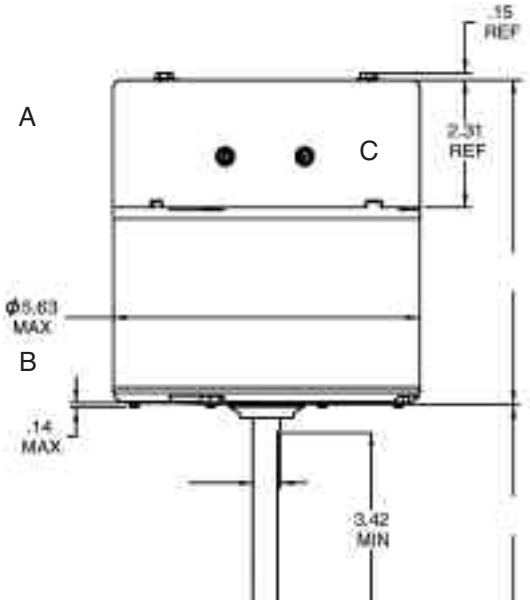
The ARKTIC 142 Series of ECM's manufactured by Morrill, offers significant energy savings over traditional PSC or shaded pole designs. ARKTIC 142 ECM's can be applied in condenser or evaporator applications requiring 1/5 or 1/3 HP output at 1050 RPM.

Applications:

Designed for condenser and evaporator fans for walk-in refrigerators, walk-in freezers and similar applications.

Features:

- Three Phase Drive, NEMA 48FR BLDC Motor; TEAO
- 77% Motor Efficiency @ 1050 RPM Full Load
- Regulated Speed; +/-6% Full Scale
- -40 Deg C to 55 Deg C Amb.
- 1/2" Diameter, Single Flat Shaft Ext. Up to 6.0"
- Totally enclosed, Non-vented (air-over ECM required)
- Shaft water slinger
- 26" cord set attached to motor
- Ball bearings
- Horizontal-vertical down orientation desired
- RoHS compliant
- 60/50 Hz



1050 RPM - 5SME59

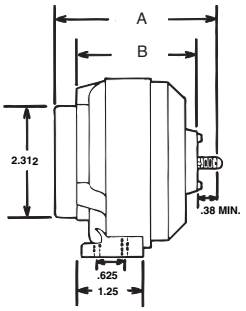
MARS NO.	MFG MODEL 5SME59	NOMINAL HP	VOLTS	AMPS	OSE ROT	DIMENSIONS A	B	C
03604	DLHE044	1/5	115	4.6	CW	3.92	5.45	.5
03605	DLHE053	1/5	208-230	1.9-2.8	CW	3.92	5.45	.5
03606	DLHE052	1/3	115	5.8	CCW	3.92	5.95	.5
03607	DLHE043	1/3	208-230	1.9-2.8	CCW	3.92	5.95	.5

51 Frame Unit Bearing Cast Iron Motors

GE 51 frame motors are used on refrigerators, freezers, food & beverage coolers, vending machines, display cases, and many other fan duty applications.

Features:

- Cast iron construction
- Proven unit bearing design
- Packed with vibration dampener, speed nut & screws
- Shaded pole, single phase
- All angle mount
- Fan duty, continuous, air over
- Impedance protected
- Accessories on pages M–73 to M–75
- Class B insulation
- 60/50 Hertz



	A		B	
Motor Size	Threaded Shaft			
5KSP & 5KSM	Max.	Min.	Max.	Min.
AG, AL	3.37	3.18	2.56	2.39
CAG, CG, CL,ECL	3.87	3.68	3.06	2.89
BL, GG, GL	4.12	3.93	3.31	3.14

Dimensions include end play

1000 RPM—1/4-20 Threaded Shaft

MARS NO.	GE NO.	WATTS	ROT OSE	VOLTS	AMPS	LEAD LENGTH	MARS PACK
05111(1)	5KSM81HFL0007	2.5	CW	115	.30	26”	12
05111BOX(1)	5KSP51AL611	2.5	CW	115	.30	26”	1

1550 RPM—1/4-20 Threaded Shaft

MARS NO.	GE NO.	WATTS	ROT OSE	VOLTS	AMPS		LEAD LENGTH
05211(1)	5KSM81HFL0008	4	CW	115	.27	26”	12
05211BOX(1)	5KSP51AL511	4	CW	115	.27	26”	1
05212(1)	5KSM81HFL0009	4	CCW	115	.27	26”	12
05212BOX(1)	5KSP51AL513	4	CCW	115	.27	26”	1
05221(1)	5KSM81HFL0010	4	CW	230	.16	26”	12
05221BOX(1)	5KSP51AL512	4	CW	230	.16	26”	1
05222(1)	5KSM81HFL0011	4	CCW	230	.16	26”	12
05222BOX(1)	5KSP51AL514	4	CCW	230	.16	26”	1
05311	5KSM81HFL1007	6	CW	115	.40	26”	12
05311BOX	5KSP51CL501	6	CW	115	.40	26”	1
05312	5KSM81HFL1008	6	CCW	115	.40	26”	12
05312BOX	5KSP51CL502	6	CCW	115	.40	26”	1
05411	5KSM81HFL1001	9	CW	115	.50	26”	12
05411BOX	5KSP51ECL551	9	CW	115	.50	26”	1
05412	5KSM81HFL1009	9	CCW	115	.50	26”	12
05412BOX	5KSP51ECL553T	9	CCW	115	.50	26”	1
05421	5KSM81HFL1010	9	CW	230	.25	26”	12
05421BOX	5KSP51ECL552T	9	CW	230	.25	26”	1
05422	5KSM81HFL1011	9	CCW	230	.25	26”	12
05422BOX	5KSP51ECL552T	9	CCW	230	.25	26”	1
05811(2)	5KSM81HFL3004T	16	CW	115	1.00	24”	12
05811BOX(2)	5KSP51GL581T	16	CW	115	1.00	24”	1
05812(2)	5KSM81HFL3005T	16	CCW	115	1.00	24”	12
05812BOX(2)	5KSP51GL583T	16	CCW	115	1.00	24”	1
05821(2)	5KSM81HFL3006T	16	CW	230	.50	24”	12
05821BOX(2)	5KSP51GL582T	16	CW	230	.50	24”	1
05822(2)	5KSM81HFL3007T	16	CCW	230	.50	24”	12
05822BOX(2)	5KSP51GL584T	16	CCW	230	.50	24”	1

(1) Class A Insulation (2) Automatic Reset Overload Protection

Unit Bearing Motors - Shaded Pole - GE

3½ inch dia. MARS SERIES 050

51 Frame Unit Bearing Aluminum Motors

GE aluminum 51 frame motors are economical replace-ments for cast iron motors. They feature an improved oiling system and class B insulation for longer life.

Features:

- Aluminum construction
- Unit bearing design
- Packed with accessories
- Shaded pole, single phase
- Fan duty, all angle
- Continuous, air over
- Impedance protected
- Accessories on pages M–73 to M–75
- Class B insulation
- 60/50 Hertz

1000 RPM—1/4-20 Threaded Shaft

MARS NO.	GE NO. 5KSM81	WATTS	ROT OSE	VOLTS	AMPS	LEAD LENGTH
05113(1)	FFL0002	2.5	CW	115	.30	26”

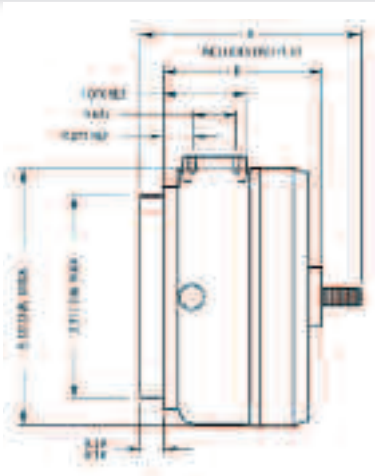
1550 RPM—1/4-20 Threaded Shaft

MARS NO.	GE NO. 5KSM81	WATTS	ROT OSE	VOLTS	AMPS	LEAD LENGTH
05213(1)	FFL0003	4	CW	115	.27	26”
05223(1)	FFL0005	4	CW	230	.16	26”
05313	FFL1002	6	CW	115	.40	26”
05413	FFL1000	9	CW	115	.50	26”
05414	FFL1004	9	CCW	115	.50	26”
05423	FFL1005	9	CW	230	.25	26”
05813(1)(2)	FFL3000S	16	CW	115	1.00	26”
05814(1)(2)	FFL3001S	16	CCW	115	1.00	26”
05823(1)(2)	FFL3002S	16	CW	230	.50	26”

1550 RPM—1/4-20 Threaded Shaft - Lyall Plug

MARS NO.	GE NO. 5KSM81	WATTS	ROT OSE	VOLTS	AMPS	LEAD LENGTH
05119	FFL1032	9	CW	115	.55	13” w/ Lyall plug
05120	FFL1106	9	CW	115	.55	13” w/ 90˚ Lyall plug
05130	FFL3017S	30	CW	115	1.50	14.5” w/ Lyall plug

(1) Class A insulation (2) Automatic reset overload protection



51 Frame Unit Bearing Cast Iron Permanent Split Capacitor (PSC) Motors

This new PSC GE unit bearing motor is designed for refrigeration, food/beverage coolers, blowers and fans, vending machines, walk-in coolers, condensing units and other similar applications. Unique design features in the bearing/lubrication and insulation systems provide years of dependable operation.

Standard features:

- -20°C to 70°C Oil
- Impedance protection except 16w - auto overload
- Threaded shaft 1/4 - 20, 0.51/0.41" long
- 26 inch lead length with 1/2" bare wire stripped
- Single speed
- Totally enclosed air over (TEAO) designs
- Cast Iron construction
- One side pad
- Small nose rotor
- No external capacitor needed
- Individually boxed
- Accessories on pages M-73 to M-75

Easy installation

- All motors have self-tapping holes for use with self-tapping screws
- Side pad or opposite shaft end mounting
- Drop-in replacement for existing 81mm unit bearing motors

GE

Cross Reference

MARS PSC REPLACEMENT NO.	MFG NO.	MARS SHADED POLE NO.	MFG NO.
05315	5KPM81HFL0095	05211	5KSM81HFL0008
05415	5KPM81HFL1086	05411	5KSM81HFL1001
05425	5KPM81HFL1087	05421	5KSM81HFL1010
05815	5KPM81HFL2046S	05811	5KSM81HFL3004S
05825	5KPM81HFL3047S	05821	5KSM81HFL3006S

								Energy Savings Per Year			
MARS NO.	MFG NO.	HP	VOLTS	FULL LOAD AMPS	ROT.	A (in)	B (in)	Duty Cycle 100%	Duty Cycle 80%	Duty Cycle 50%	MARS PACK
05315	5KPM81HFL0095	5W	115	0.2	CW	3.15	2.36	$12.40	$9.92	$6.20	1
05325	5KPM81HFL0096	5W	230	0.1	CW	3.15	2.36	12.40	9.92	6.20	1
05415	5KPM81HFL1086	9W	115	0.3	CW	3.82	2.93	13.00	10.40	6.50	1
05425	5KPM81HFL1087	9W	230	0.2	CW	3.82	2.93	13.00	10.40	6.50	1
05815	5KPM81HFL3046S	16W	115	0.6	CW	3.98	3.33	28.70	22.96	14.35	1
05825	5KPM81HFL3047S	16W	230	0.3	CW	3.98	3.33	28.70	22.96	14.35	1

Unit Bearing Motors - Shaded Pole - GE

3½ inch dia. MARS SERIES 050

51 Frame Motors For Domestic Refrigeration

Features:

- Single phase, shaded pole
- Fan duty, continuous, air over
- Class A insulation
- 60/50 Hertz
- Impedance protected
- Accessories on page M–73 to M–75

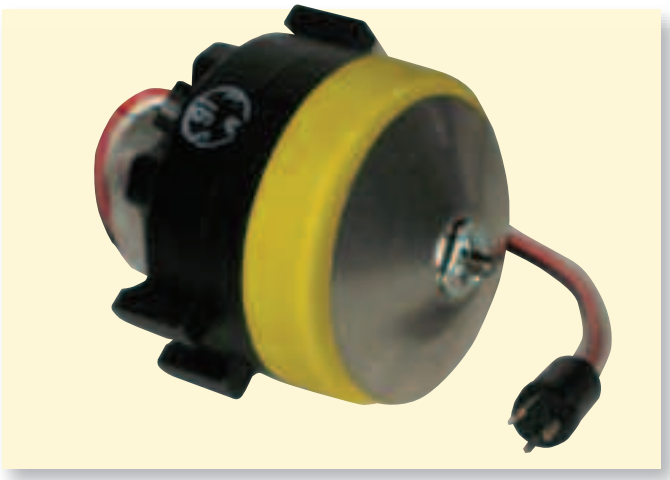
1550 RPM

MARS NO.	GE NO. 5KS	WATTS	ROT OSE	VOLTS	AMPS	SHAFT	REPLACES	MARS PACK
05109	M81FFL0065	2	CW	115	.25	1/4-20 threaded	most refrigerators and freezers	12
05109BOX	M51AG3070	2	CW	115	.25	1/4-20 threaded		1
05110(1)*	M51AG3144	2	CW	115	.25	1/4-20 threaded		1

(1) Push-on terminals, no leads * Limited quantities available, while supples last

Unit Bearing Motors - PSC - EM&S

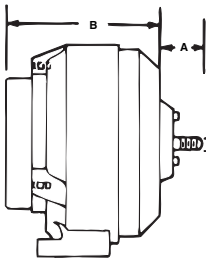
MARS SERIES 002



EM&S PSC Type Replacement For GE

Features:

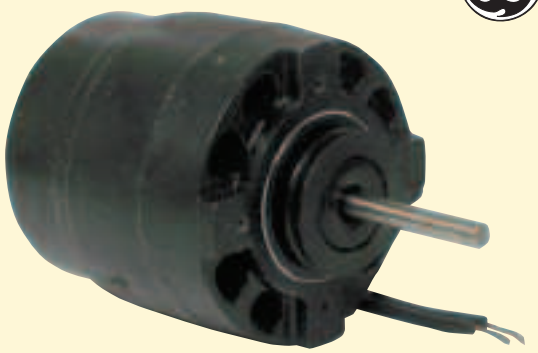
- Drop-in replacement
- Single phase PSC
- Fan duty, continuous, air over
- Low temp oil
- Reliable unit bearing
- Internal capacitor



1660 rpm

MARS NO.	GE NO. 5KS	WATTS	ROT OSE	VOLTS	AMPS	SHAFT	DIMENSIONS A	DIMENSIONS B
00114	RS4BEB6E14	4	CW	115	.20	1/4-20 threaded	.400	2.50
00117*	RS4BEB9E12	9	CW	115	.26	1/4-20 threaded	.400	2.50

* 00117 replaces Hussmann SVC 441-302



5KSP11 Unit Bearing Shaded Pole Motors

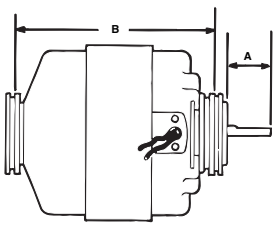
GE 5KSP11 shaded pole motors are suitable for use in a wide variety of fan duty applications. Proven all-angle unit bearing design for trouble free operation. Can be resilient base, strap, or end mounted.

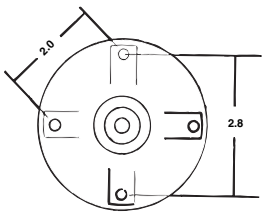
Features:

- All angle unit sleeve bearings
- Resilient base, strap, or end mounting
- 5/16 inch shaft diameter ground lead
- 12 inch leads
- For mounting bases & accessories see page M–73 to M–75
- See the airMARS section of this catalog for fan blades & accessories

Specifications:

- Single phase, 60 Hertz
- Overload protection
- Fan duty, continuous, air over
- Shaft end has four 8-32 tapped holes





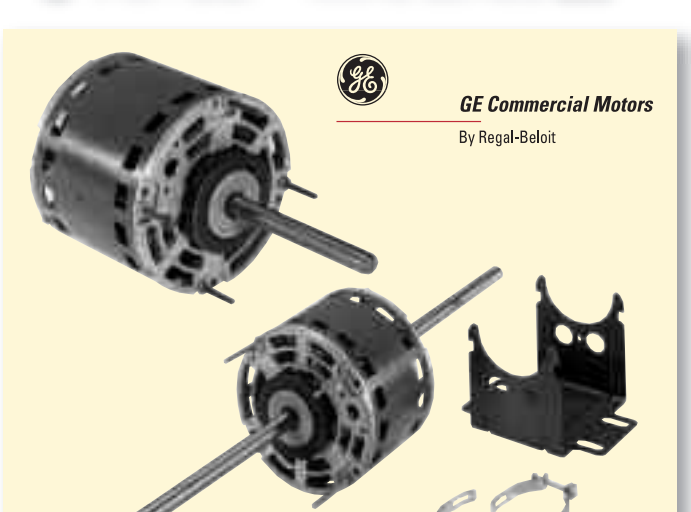
1550 rpm - 4 pole

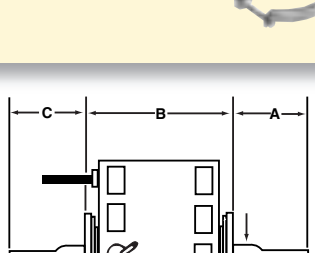
MARS NO.	GE NO. 5KSM92	HP	VOLTS	AMPS	ROT OSE	ENCL	DIMENSIONS A	DIMENSIONS B	BASE NO.
01431	KFL2005S	1/30	115	1.74	CW	OPEN	1.25	4.82/4.70	08042
01441	KFL2003S	1/30	115	1.74	CCW	OPEN	1.25	4.82/4.70	08042
01432	KFL2009S	1/30	208-230	.87	CW	OPEN	1.25	4.82/4.70	08042
01442	KFL1009S	1/30	208-230	.87	CCW	OPEN	1.25	4.82/4.70	08042
01331(1)	KFL2011S	1/20	115	2.2	CW	OPEN	2.00	4.82/4.70	08042
01341(1)	KFL2004S	1/20	115	2.2	CCW	OPEN	2.00	4.82/4.70	08042
01332(1)	KFL2007S	1/20	208-230	1.1	CW	OPEN	2.00	4.82/4.70	08042
01342(1)	KFL2012S	1/20	208-230	1.1	CCW	OPEN	2.00	4.82/4.70	08042
01232(2)(3)	KFL3006S	1/15	230	1.2	CW	OPEN	1.50	4.875	NONE

(1) 34 inch leads
(2) 30 inch leads
(3) 60/50 Hertz

Double Shaft Fan & Blower Motors - PSC

5 inch dia. MARS SERIES **029**





5KCP29—Form G PSC Motors

Designed for virtually every fan and blower application.

Features:

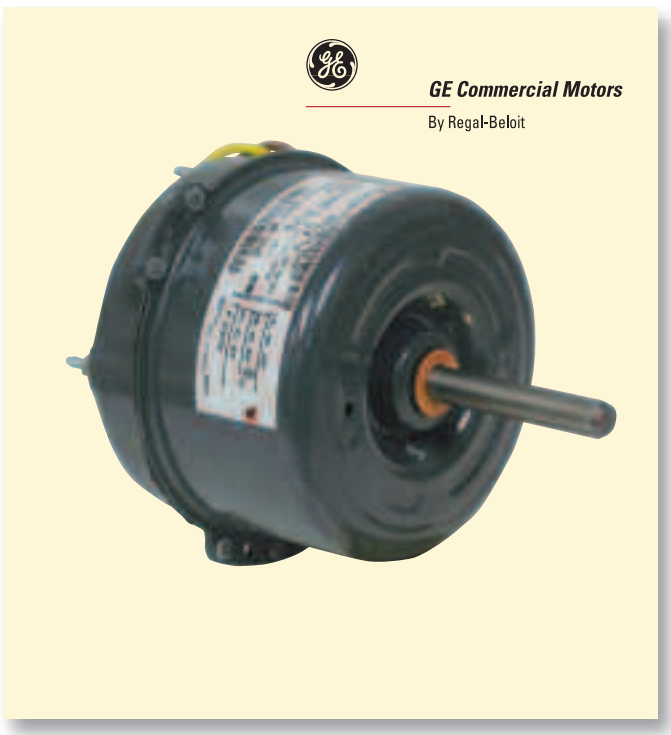
- All angle sleeve bearings
- Open construction
- Aluminum end shields
- 26 inch color-coded leads
- 2-1/2 inch resilient ring mounting
- Double shaft models shipped with base mounted (3.5 inch shaft height)
- Extended thru bolts on shaft end—extended 3/4 inch on single shaft and 1-1/2 inch on double shaft motors (on 4.6 inch bolt circle)
- Energy $aver® design
- Motor reversing leads have terminals for quick change to opposite rotation
- For accessories see pages M–73 to M–75

Specifications:

- Single phase, 60 Hertz
- Automatic reset overload protection
- Fan duty, continuous, air over
- Advanced Class B insulation
- 5 Mfd @ 370V capacitor required (MARS No. 12005)

MARS NO.	GE NO. 5KCP29	HP	VOLTS	AMPS	ROTLE	RPM	DIMENSIONS A	B	C	D
1075 RPM - Single Shaft - Single Speed - 6 Pole										
02822	KG5852S	1/5	115	3.53	REV	1075	4.00	5.56	—	1/2
1075 RPM - Single Shaft - Three Speed - 6 Pole										
02840(1)	BG5866S	1/30	115	.61	REV	1075	8.00	6.00/4.50	—	1/2
02824	EG5854S	1/8	115	2.45	REV	1075	4.00	5.06	—	1/2
02825	KG5855S	1/5	115	3.51	REV	1075	4.00	5.56	—	1/2
02826	KG5856S	1/5	208-230	1.67	REV	1075	4.00	5.56	—	1/2
02827	LG5857S	1/4	115	4.78	REV	1075	4.00	5.81	—	1/2
02828	LG5858S	1/4	208-230	2.22	REV	1075	4.00	5.81	—	1/2
02829(2)	MG5859AS	1/3	115	5.8	REV	1075	4.00	5.81	—	1/2
1075 RPM - Double Shaft - Four Speed - 6 Pole										
02830	BG5860S	1/15	115	1.40	CCW	1075	8.00	4.67	8.00	1/2
02831	DG5861S	1/10	115	1.90	CCW	1075	8.00	4.92	8.00	1/2
02832	EG5862S	1/8	115	2.69	CCW	1075	8.00	5.17	8.00	1/2
02833	LG5863S	1/4	115	4.70	CCW	1075	8.00	6.45	8.00	1/2
02834	LG5864S	1/4	208-230	2.10	CCW	1075	8.00	6.17	8.00	1/2
02836	EG5868S	1/8	208-230	1.20	CCW	1075	8.00	5.17	8.00	1/2
1625 RPM - Double Shaft - Four Speed - 4 Pole										
02835	EG5867S	1/10	115	1.30	CCW	1625	8.00	5.17	8.00	1/2
02837	FG5869S	1/6	115	2.10	CCW	1625	8.00	5.42	8.00	1/2

(1) Model has resilient ring length adapter kit included in carton (2) 15mfd @370V capacitor required



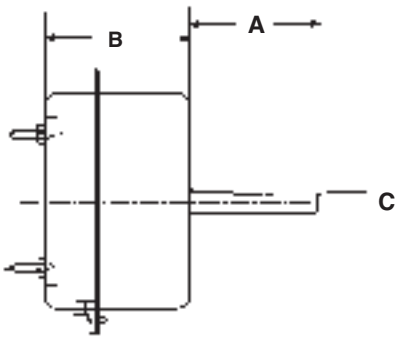
"Cap-Can" Construction Vertical Shaft Down Condenser Fan And Heat Pump Motors

These new permanent split capacitor motors from GE are designed for use in residential outdoor condenser fan and heat pump units (primarily up to 3.5 tons), requiring vertical shaft down with stud or flange mounting.

Features:

- "Cap-Can" construction
- Automatic thermal overload protection
- #8-32 extended stud or flange mount
- Water slinger on shaft
- Vertical shaft down mounting orientation
- CW or CCW rotation in several ratings
- Designed for 370 volt capacitor (not furnished)
- Ball bearings
- Class B insulation
- for accessories, see pages M–73 to M–75

Dimensions:



Specifications:

- All models are single-speed
- 60 Hz
- 208-230 volts
- 1/2" shaft diameter
- 26" Leads
- Continuous duty, air-over

MARS NO.	GE NO.	HP	RPM	AMPS	ROT OSE	370V CAP REQUIRED	DIMENSIONS A	B	C
02243	5KCP29DCA323S	1/10	1100	0.74	CW	5 MFD	2.75	3.35	1/2"
02244	5KCP29JCA324S	1/4	1075	1.7	CW	7.5 MFD	2.75	3.85	1/2"
02245	5KCP29JCA325S	1/4	1075	1.7	CCW	7.5 MFD	2.75	3.85	1/2"
02246	5KCP29HCA326S	1/5	1080	1.6	CW	5 MFD	2.75	3.85	1/2"
02247	5KCP29JCA327S	1/6	1100	1.3	CCW	5 MFD	2.75	3.85	1/2"
02248	5KCP29ECA328S	1/8	1075	0.86	CW	5 MFD	2.75	3.85	1/2"
02249	5KCP29DCA329S	1/8	1075	0.75	CCW	5 MFD	2.75	3.35	1/2"

Multi-HP SOS Direct Drive Blower Motors

5½ inch dia. MARS SERIES 034

SOS™ Multi-Horsepower Direct Drive Blower Motors

MARS SOS™ multi-horsepower direct drive blower motors are ideal for truck stock. Four models cover both 115 volt and 208-230 volt applications from 1/6 through 3/4 HP.

All SOS™ motors feature easy mounting in Rheem applications.

Features:

- Multi-HP
- Open end shields
- Extended mounting studs
- 2-1/2 inch resilient rings
- Reversible rotation
- All angle sleeve or ball bearings
- Capacitor requirement noted on motor label
- For accessories, see pages M-73 to M-75

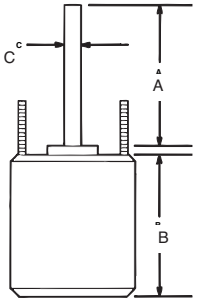
Specifications:

- Single phase, 60 Hz
- Overload protection
- Fan duty, continuous air over
- Open construction
- Class B insulation

** Heat Shield

Cross Reference:

A.O. Smith	Emerson	MARS NO.
FDL 6001	5460	**03458**
FD 6000	5461	**03459**
FDL 6002	5470	**03465**
FD 6001	5471	**03468**



1075 RPM Mult-Horsepower Reversible Rotation - 6 Pole

MARS NO.	GE NO. 5KCP39	HP	VOLTS	AMPS	DIMENSIONS A	B	C
03456**	LGY816S	1/3, 1/4, 1/5, 1/6	208-230	2.6	6.50	5.23	1/2
03463	KGV804AS	1/2, 1/3, 1/4, 1/5, 1/6	115	6.2	5.00	4.73	1/2
03464	KGV805AS	1/2, 1/3, 1/4, 1/5, 1/6	208-230	2.7	5.00	4.73	1/2
03466*	SGU363AS	3/4, 1/2, 1/3, 1/4, 1/5	115	8.4	5.00	5.98	1/2
03467*	SGU364AS	3/4, 1/2, 1/3, 1/4, 1/5	208-230	4.2	5.00	5.23	1/2

825 RPM mult-horsepower reversible rotation - 6 pole

MARS NO.	GE NO. 5KCP39	HP	VOLTS	AMPS	DIMENSIONS A	B	C
03457**	NFAD13S	1/3, 1/4, 1/5, 1/6, 1/8	208-230	1.8	6.50	5.48	1/2

* Ball Bearing

GE by RBC

Multi-HP SOS Condenser Fan Motors

5½ inch dia. MARS SERIES 034

SOS™ Multi-Horsepower Outdoor Condenser Fan Motors

MARS SOS™ multi-horsepower condenser fan motors are ideal for truck stock. Three 1075 RPM models cover 208-230 volt applications from 1/6 to 1/2 HP.

New Slim Stack™#03458, **WIZARD,** and the new **WIZARD 825** fit in many 1/3 HP installations that will not accept other manufacturer's motors.

The 03458 is a single speed "wide-range" motor that will run at any fan load from 1/6 to 1/3 HP at a nominal 1075 RPM. MARS #03459, the new WIZARD 825, will run at any fan load from 1/8 to 1/3 HP at a nominal 825 RPM.

All SOS™ motors feature easy mounting in Rheem applications.

Features:

- Multi-HP
- Ball Bearings
- Thru bolt or band mounting
- Rheem mounting capability
- Water slinger on shaft
- Air conditioning or heat pump duty
- Capacitor requirement noted on motor label
- End Shield drain holes w/plugs

70°C Heat Shield™

** Heat Shield*

GE by RBC

Cross Reference:

A.O. Smith	Emerson	MARS NO.
ORM5458	5458	**03458**
ORM5488B	5464	**03459**
FSE6000, FE6000	5462	**03465**
FE6002	5465	**03468**
FE6001	5464	**03469**

Specifications:

- Single phase, 60 Hz
- Overload protection
- Fan duty, continuous air over
- Totally enclosed, Non-ventillated
- Class B insulation

Multi-Horsepower, Reversible Rotation

	MARS NO.	GE NO. 5KCP39	HP	VOLTS	AMPS	DIMENSIONS A	B	C
1075 RPM - 6 Pole								
Wizard	**03458**	JGU530S	1/3, 1/4, 1/5, 1/6	208-230	2.80	6.75	4.48	1/2
Wizard	**03458HS***	LGU7215	1/3, 1/4, 1/5, 1/6	208-230	2.60	6.50	5.23	1/2
Wizard	**03460***	RGU709S	1/3, 1/4, 1/5, 1/6	208-230	2.80	6.75	4.48	1/2
	03465*	KGU361AS	1/3, 1/4, 1/5, 1/6	208-230	2.60	5.00	4.73	1/2
	03468*	PGU419S	1/2, 1/3, 1/4, 1/5	208-230	3.00	5.00	5.48	1/2
825 RPM - 8 Pole								
Wizard 825	**03459***	PGU627S	1/3, 1/4, 1/5, 1/6, 1/8	208-230	2.4	6.75	5.31	1/2
Wizard 825	**03461***	TFBA86S	1/3, 1/4, 1/5, 1/6, 1/8	208-230	2.4	6.75	5.31	1/2
	03469*	PGU418S	1/3, 1/4, 1/5, 1/6	208-230	1.9	5.00	5.48	1/2

** Heat Shield*

Condenser Fan Motors - PSC

5½ inch dia. MARS SERIES 098

All Angle And Shaft Up Outdoor Condenser Fan Motors

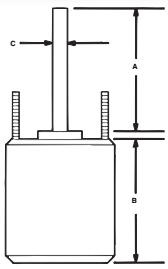
GE outdoor condenser fan motors are available for vertical shaft-up or vertical shaft-down applications. Vertical shaft-up models are also suitable for horizontal mounting. Add MARS No. 08105 resilient rings to base mount. All are electrically reversible and have full six inch shaft lengths. Models are available with sleeve or ball bearings, single or two speed in high efficiency or standard efficiency ratings.

Features:

- Reversible rotation
- Thru bolt or band mounting
- Water slinger on shaft
- Serrated end caps on vertical shaft-up models
- Full six inch shaft length
- For accessories, see pages M-73 to M-75

Specifications:

- Class B insulation
- single phase, 60/50 Hertz
- automatic thermal overload protected
- fan duty, continuous, air over
- 26 inch leads



1075 RPM - Reversible Rotation - Energy $aver® - 6 Pole

MARS NO.	GE NO. 5KCP39	HP	VOLTS	AMPS	RPM(2)	CAP REQ.	DIMENSIONS A	B	C
Two Speed - All Angle Sleeve Bearings - Vertical Shaft Up/Down - 6 Pole									
03227(3)	EGG401T	1/6	208-230	1.0	1075	5/370	6.0	4.00	1/2
03228(3)	HGG402T	1/4	208-230	1.6	1075	5/370	6.0	4.50	1/2
03229(3)	MGG403T	1/3	208-230	2.4	1075	7.5/370	6.0	5.00	1/2
03230(3)	PGG404T	1/2	208-230	3.8	1075	10/370	6.0	5.50	1/2
Shaft-Up - Two Speed - Sleeve Bearings - 6 Pole									
03027(1)	DGA768T	1/6	208-230	0.9	1075	5/370	6.0	3.75	1/2
03028(1)	GGA769T	1/4	208-230	1.5	1075	5/370	6.0	4.25	1/2
03029(1)	LGA770T	1/3	208-230	2.1	1075	7.5/370	6.0	5.00	1/2
03030(1)	NGS429S	1/2	208-230	3.2	1075	10/370	6.0	5.50	1/2
Shaft-Up - Two Speed - Ball Bearings - 6 Pole									
03031(1)	LGC003T	1/3	208-230	2.1	1075	7.5/370	6.0	4.98	1/2
03032(1)	NGL785S	1/2	208-230	3.2	1075	10/370	6.0	5.48	1/2
03048(1)	NGL762S	3/4	208-230	3.9	1075	15/370	6.0	5.48	1/2

(1) Lead-end endshield open construction
(2) Low speed approximately 300 RPM less than high speed depending on fan load
(3) 60 Hz operation only

GE Commercial Motors
By Regal-Beloit

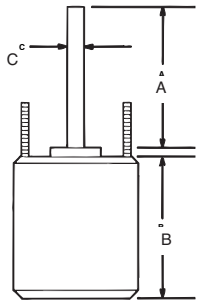
* Heat Shield

Vertical Outdoor Condenser Fan Motors Shaft-Up/Down

GE up/down outdoor condenser fan motors are designed for either vertical shaft-up or shaft-down applications. Shell and end shields are enclosed for weather protection. A weep hole is provided in each end shield to allow condensate to drain. A plastic plug is provided to seal the weep hole in the end shield exposed to the weather. All of these motors are suitable for air conditioning or heat pump applications. All feature reversible rotation, 208-230 volts, six inch shaft length and extended thru bolts extending from both ends.

Specifications:

- 60 Hertz
- Single phase
- Overload protected
- Fan duty, continuous, air over
- 26 inch leads
- Totally enclosed, non-ventilated
- Class B insulation



Features:

- Up/down design
- Thru bolt or band mounting
- All angle sleeve or ball bearings
- Water slinger on shaft
- Serrated end cap on shaft end only
- For air conditioning or heat pumps
- Full six inch shaft length with two full flats at 90°
- Reversible rotation
- For accessories, see pages M–73 to M–75

GE by RBC

Reversible Rotation

825 RPM - Single Speed - Standard Efficiency - Ball Bearings - 8 Pole

MARS NO.	GE NO.	HP	VOLTS	AMPS	RPM(1)	CAP REQ.	DIMENSIONS A	B	C
03201	5KCP39EGL248S	1/10	208-230	0.80	825	5/370	6.0	4.30	1/2
03202*	5KCP39DFBA81S	1/8	208-230	1.10	825	5/370	6.0	4.30	1/2
03203*	5KCP39HFBA79S	1/6	208-230	1.00	825	5/370	6.0	4.30	1/2
03204*	5KCP39JFBA83	1/4	208-230	1.50	825	7.5/370	6.0	5.03	1/2
03205*	5KCP39NFBA82S	1/3	208-230	2.20	825	10/370	6.0	5.80	1/2
03747*	5KCP39TFBA84S	1/2	208-230	2.80	825	20/370	6.5	6.48	1/2

1075 RPM - Single Speed - Standard Efficiency - Ball Bearings - 6 Pole

03726 *	5KCP39DGU716S	1/6	208-230	1.00	1075	5/370	6.5	3.98	1/2
03732(2) *	5KCP39FGL114S	1/4	208-230	1.80	1075	5/370	6.0	4.23	1/2
03733(2) *	5KCP39LGL786S	1/3	208-230	2.40	1075	7.5/370	6.0	4.48	1/2
03734(2) *	5KCP39PGL787S	1/2	208-230	3.70	1075	10/370	6.0	5.23	1/2
03735(2) *	5KCP39SGL788S	3/4	208-230	5.10	1075	10/370	6.0	5.98	1/2

(1) Low speed approximately 300 RPM less than high speed depending on fan load (2) Both end shields flat, no serrated end cap

Condenser Fan, Single Phase, PSC

5½ inch dia. MARS SERIES 098

GE Commercial Motors
By Regal-Beloit

* Heat Shield

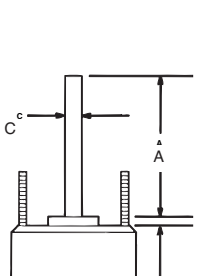
GE by RBC

Vertical Outdoor Condenser Fan Motors Shaft-Up/Down

GE up/down outdoor condenser fan motors are designed for either vertical shaft-up or shaft-down applications. Shell and end shields are enclosed for weather protection. A weep hole is provided in each end shield to allow condensate to drain. A plastic plug is provided to seal the weep hole in the end shield exposed to the weather. All of these motors are suitable for air conditioning or heat pump applications. All feature reversible rotation, 208-230 volts, six inch shaft length and extended thru bolts extending from both ends.

Specifications:

- 60 Hertz
- Single phase
- Overload protected
- Fan duty, continuous, air over
- 26 inch leads
- Totally enclosed, non-ventilated
- Class B insulation



Features:

- Up/down design
- Thru bolt or band mounting
- All angle sleeve or ball bearings
- Water slinger on shaft
- Serrated end cap on shaft end only
- For air conditioning or heat pumps
- Full six inch shaft length with two full flats at 90°
- Reversible rotation
- For accessories, see pages M–73 to M–75

Reversible Rotation

MARS NO.	GE NO.	HP	VOLTS	AMPS	RPM	CAP REQ.	DIMENSIONS A	B	C
825 RPM - Single Speed - All Angle Sleeve Bearings - 8 Pole									
03725*	5KCP39DFAD06S	1/8	208-230	0.85	825	5/370	6.5	4.23	1/2
03403*	5KCP39HFAD05S	1/6	208-230	1.00	825	5/370	6.0	4.23	1/2
03404*	5KCP39JFAD07S	1/4	208-230	1.50	825	7.5/370	6.0	5.23	1/2
03405*	5KCP39NFAD09S	1/3	208-230	2.20	825	10/370	6.0	5.73	1/2
03746*	5KCP39TFAD10S	1/2	208-230	2.80	825	20/370	6.5	6.48	1/2
1075 RPM - Single Speed - Standard Efficiency - All Angle Sleeve Bearings - 6 Pole									
03727	5KCP39DGS375S	1/6	208-230	1.00	1075	5/370	6.0	4.71	1/2
03727HS*	5KCP39DGY797S	1/6	208-230	1.00	1075	5/370	6.0	4.71	1/2
03728	5KCP39FGM599S	1/4	208-230	1.80	1075	5/370	6.0	4.25	1/2
03728HS*	5KCP39GGY769S	1/4	208-230	1.80	1075	5/370	6.0	4.25	1/2
03729	5KCP39LGS407S	1/3	208-230	2.30	1075	7.5/370	6.0	5.70	1/2
03729HS*	5KCP39LGY801S	1/3	208-230	2.30	1075	7.5/370	6.0	5.70	1/2
03759	5KCP39LGT378S	1/3	575	1.10	1075	7.5/370	6.0	5.75	1/2
03730	5KCP39PGS618S	1/2	208-230	3.50	1075	10/370	6.0	6.50	1/2
03730HS*	5KCP39RGY799S	1/2	208-230	3.50	1075	10/370	6.0	6.50	1/2
03760	5KCP39PGT377S	1/2	575	1.50	1075	7.5/370	6.0	5.75	1/2
03731	5KCP39SGT039S	3/4	208-230	4.70	1075	10/370	6.0	5.75	1/2
03731HS*	5KCP39SGY805S	3/4	208-230	4.70	1075	10/370	6.0	5.75	1/2

Condenser Fan, Single Phase, PSC

5½ inch dia. MARS SERIES 098

* Heat Shield

Shaft-Up Outdoor Condenser Fan Motors

GE outdoor condenser fan motors for vertical shaft-up applications are also suitable for horizontal mounting. GE vertical shaft-up outdoor condenser fan motors are designed for 60°C ambient temperature. Add MARS No. 08105 resilient rings to base mount.

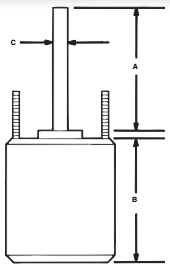
All are electrically reversible and have full six inch shaft lengths. Models are available with sleeve or ball bearings, single or two speed in high efficiency or standard efficiency ratings.

Features:

- Reversible rotation
- Thru bolt or band mounting
- Water slinger on shaft
- Serrated end caps on vertical shaft-up models
- Full six inch shaft length
- For accessories, see pages M–73 to M–75

Specifications:

- Class B insulation
- Single phase, 60/50 Hertz
- Automatic thermal overload protected
- Fan duty, continuous, air over
- 26 inch leads
- Lead end endshield open construction



GE by RBC

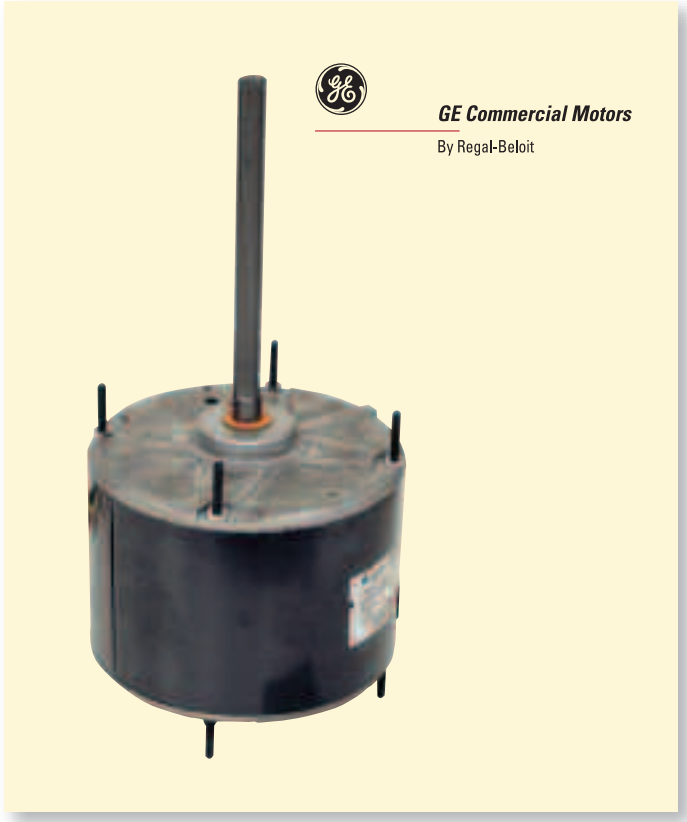
Reversible Rotation

MARS NO.	GE NO. 5KCP39	HP	VOLTS	AMPS	RPM	CAP REQ.	DIMENSIONS A	B	C
1075 RPM - Shaft-Up - Single Speed - Sleeve Bearings - Standard Efficiency - 6 Pole									
03327(1)	DGP081T	1/6	208-230	0.9	1075	5/370	6.0	4.56	1/2
03328(1)(3)	EGP697T	1/4	208-230	1.8	1075	5/370	6.0	5.06	1/2
03329(1)(3)	HGP698T	1/3	208-230	2.4	1075	7.5/370	6.0	5.31	1/2
03330(1)(3)	MGK209T	1/2	208-230	3.6	1075	10/370	6.0	6.60	1/2
03331(1)(3)	PFM210T	3/4	208-230	5.1	1075	10/370	6.0	6.06	1/2
825 RPM - Shaft-Up - Single Speed - Ball Bearings - Energy $aver® - 8 Pole									
03200	GGC132T	1/6	208-230	1.0	825	5/370	6.0	3.98	1/2
03040	MGL789S	1/4	208-230	1.5	825	7.5/370	6.0	4.48	1/2
03049	PGC094T	1/3	115	5.0	825	15/370	6.0	5.98	1/2
03026	PGC070T	1/3	208-230	2.2	825	10/370	6.0	5.98	1/2
1075 RPM - Shaft-Up - Single Speed - Sleeve Bearings - Energy $aver® - 6 Pole									
03084(3)	HGE930T	1/4	208-230	1.5	1075	5/370	6.0(2)	4.89	1/2
03085(3)	MGE931T	1/3	208-230	2.1	1075	7.5/370	6.0(2)	5.39	1/2
03086(3)	PGE932T	1/2	208-230	3.1	1075	10/370	6.0(2)	5.89	1/2
1075 RPM - Shaft-Up - Single Speed - Ball Bearing - Standard Efficiency - 6 Pole									
03736(1) *	FGL782S	1/4	460	.9	1075	7.5/370	6.0	4.30	1/2
03737(1) *	MGL796S	1/3	460	1.3	1075	7.5/370	6.0	5.30	1/2
03738(1) *	PGL795S	1/2	460	1.4	1075	10/370	6.0	5.80	1/2
03739(1) *	SGL794S	3/4	460	2.03	1075	15/370	6.0	6.50	1/2

(1) 60 Hertz only (2) Two full flats at 90° (3) Class A Insulation

Condenser Fan, Single Phase, PSC

5½ inch dia. MARS SERIES 098



GE by RBC

460 Volt Outdoor Condenser Fan Motors

GE outdoor condenser fan motors are available for vertical shaft-up ot vertical shaft-down applications. Vertical shaft-up models are also suitable for horizontal mounting. Add MARS No. 08105 resilient rings to base mount.

Specifications:

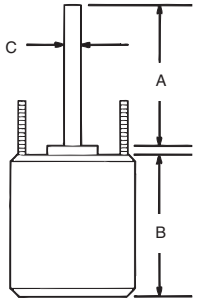
- Class B insulation
- Single phase, 60/50 HZ
- Automatic thermal overload protected
- Fan duty, continuous air over
- 26” leads

Features:

- Reversible rotation
- Ball bearings
- Thru bolt or band mounting
- Water slinger on shaft
- Serrated end caps on vertical shaft-up models only
- Full 6 inch double flat shaft
- For accessories, see pages M–73 to M–75

Cross Reference:

A.O. Smith	Emerson	GE Stock NO.	MARS NO.
786	–	3035	**03039**
787	–	3036	**03036**
–	1881	3209	**03209**
–	1882	3740	**03743**

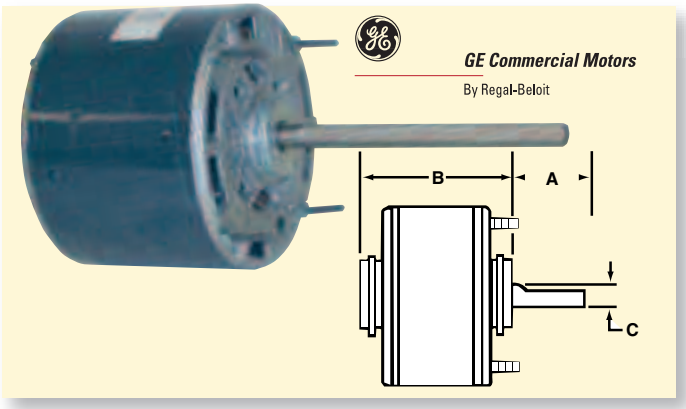


825 RPM - Reversible Rotation - Standard Efficiency

MARS NO.	GE NO. 5KCP39	HP	VOLTS	AMPS	RPM	CAP REQ.	DIMENSIONS A	B	C
Shaft-Up Or Horizontal Mount									
03039	RFU592S	1/3	460	1.20	825	10/370	6.0	6.38	1/2
03036	SFU595S	1/2	460	1.80	825	10/370	6.0	6.63	1/2
All Angle									
03209	NFU594S	1/3	460	1.00	825	7.5/370	6.0	5.71	1/2
03743	SFU593S	1/2	460	1.80	825	10/370	6.0	6.71	1/2

Direct Drive Blower Motors - PSC

5½ inch dia. MARS SERIES 031



5KCP39 PSC 460 Volt Motors

Features:

- Energy $aver®
- For use in air moving applications
- 460 volt, 2-speed
- All angle ball bearings
- Extended thru bolts
- Capacitor included
- 08105 for cradle mount, serrated end caps
- For accessories, see pages M–73 to M–75

Specifications:

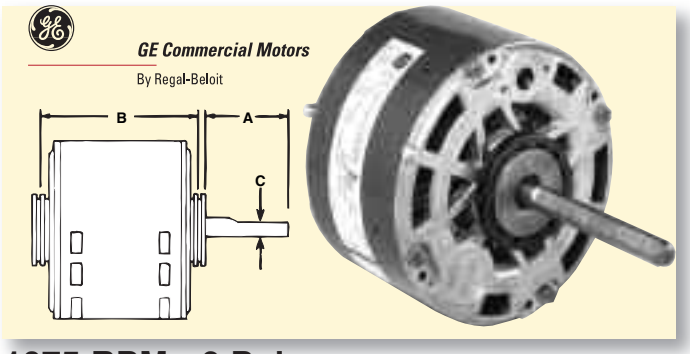
- Single phase, 60/50 Hz
- Overload protection
- Fan duty, continuous, air over
- Enclosed shell, open end shields
- 26 inch leads
- Class A insulation

1075 RPM – Reversible Rotation - 6 Pole

MARS NO.	GE NO. 5KCP39	HP	VOLTS	AMPS	CAP. (FURNISHED)	DIMENSIONS A	B	C	BASE NO.
03280	KGC519ET	1/3	460	1.1	7.5/370	6.0	5.56	1/2	08058
03290	PGC520ET	3/4	460	2.1	15/370	6.0	6.31	1/2	08060

1625 RPM – Reversible Rotation - 4 Pole

MARS NO.	GE NO. 5KCP39	HP	VOLTS	AMPS	CAP. (FURNISHED)	DIMENSIONS A	B	C	BASE NO.
03470	GGC521ET	1/4	460	0.8	5/370	6.0	5.31	1/2	08057
03490	NGC522ES	1/2	460	1.7	7.5/370	6.0	6.31	1/2	08060



5KCP39 Permanent Split Capacitor Motors

Features:

- Energy $aver®
- For use in air moving applications
- Single speed
- All angle sleeve bearings
- 2¼ inch resilient rings
- 4.0 inch long, ½ inch diameter shaft
- For accessories see pages M–73 to M–75

Specifications:

- Single phase, 60/50 Hertz
- Overload protection
- Open construction
- Fan duty, continuous, air over
- 26 inch leads
- Class A insulation

1075 RPM - 6 Pole

MARS NO.	GE NO. 5KCP39	HP	VOLTS	AMPS	ROTOSE	CAP. REQ.	DIMENSIONS A	B	BASE NO.
03251	DG3304T	1/6	115	2.3	CCW(1)	5/370	4.0	4.23/4.39	08053
03252	CG3306T	1/6	208-230	0.9	CCW(1)	5/370	4.0	4.23/4.39	08053
03271	FG3312T	1/4	115	3.5	CCW	5/370	4.0	4.48/4.64	08054
03272(2)	EG3314T	1/4	208-230	1.5	CCW	5/370	4.0	4.48/4.64	08054
03274(2)	EG3315T	1/4	208-230	1.5	CW	5/370	4.0	4.48/4.64	08054
03281(2)	KG3316T	1/3	115	5.0	CCW	5/370	4.0	4.98/5.14	08056
03282(2)	JG3318T	1/3	208-230	2.4	CCW	5/370	4.0	4.98/5.14	08056
03292	NGD123T	1/2	208-230	3.4	CCW	7.5/370	4.0	5.73/5.89	—

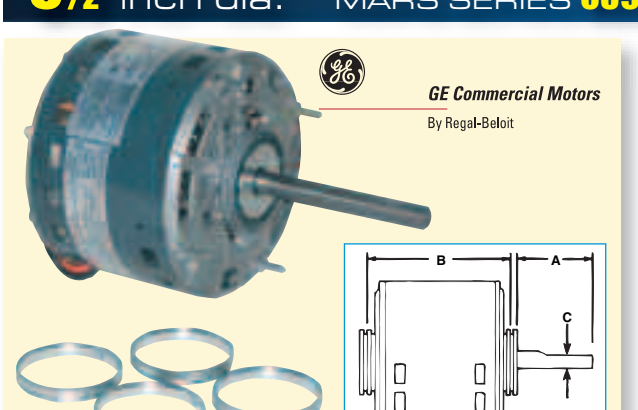
(1) Mechanically reversible (2) Class B insulation

1625 RPM - 4 Pole

MARS NO.	GE NO. 5KCP39	HP	VOLTS	AMPS	ROTOSE	CAP. REQ.	DIMENSIONS A	B	BASE NO.
03452	CG3326ES	1/6	208-230	.9	CCW	5/370	4.0	4.23/4.39	08053
03471	EG3332ES	1/4	115	3.2	CCW	5/370	4.0	4.73/4.89	08055
03472	DG3334ES	1/4	208-230	1.4	CCW	5/370	4.0	4.73/4.89	08055
03481	GG3336ES	1/3	115	4.7	CCW	5/370	4.0	4.98/5.14	08056
03482	GG3338ES	1/3	208-230	2.2	CCW	5/370	4.0	4.98/5.14	08056

Direct Drive Blower Motors - PSC

5½ inch dia. MARS SERIES 039



PSC Furnace Blower Motors

These GE 5KCP39 PSC motors are designed for use as direct drive furnace blower motors. All are three speed, high efficiency, Energy $aver® models and are electrically reversible. Motors have 2¼ inch resilient rings for base mounting. Four (4) split rings included if 2½ inch diameter is required. Bases are sold separately.

Features:

- All angle sleeve bearings
- 3 speeds
- ½ inch extended thru bolts
- 2¼ inch resilient rings plus 4 split rings
- Reversible rotation
- 4 inch long, ½ inch diameter shaft
- For accessories see pages M–73 to M–75

Specifications:

- Single phase, 60/50 Hertz
- Overload protection
- Fan duty, continuous, air over
- Open construction
- 26 inch leads
- Class B insulation

Reversible Rotation — Energy $aver®

1075 RPM(1) — Three Speed - 6 Pole

MARS NO.	GE NO. 5KCP39	HP	VOLTS	AMPS	CAP. REQUIRED	DIMENSIONS A	B	C	BASE NO.
03983(2)	GG9708T	1/4	115	3.7	7.5/370	4.0	5.39/5.23	1/2	08057
03984	FG9478T	1/4	208-230	1.7	5/370	4.0	5.39/5.23	1/2	08057
03985(2)	LG9683T	1/3	115	4.9	7.5/370	4.0	5.39/5.23	1/2	08057
03986	JG9479T	1/3	208-230	2.5	5/370	4.0	5.39/5.23	1/2	08057
03987	PG9710T	1/2	115	7.3	10/370	4.0	5.89/5.73	1/2	NA
03988	NG9709T	1/2	208-230	3.5	7.5/370	4.0	5.89/5.73	1/2	NA
03989(2)	PGE413T	3/4	115	9.1	15/370	4.0	5.89/5.73	1/2	NA
03990(2)	PGE414T	3/4	208-230	4.4	10/370	4.0	5.89/5.73	1/2	NA

1625 RPM(1) — Three Speed - 4 Pole

MARS NO.	GE NO. 5KCP39	HP	VOLTS	AMPS	CAP. REQUIRED	DIMENSIONS A	B	C	BASE NO.
03992	FGE211T	1/4	115	2.7	10/370	4.0	4.89	1/2	08055
03993	FGE212T	1/4	208-230	1.2	5/370	4.0	4.89	1/2	08055
03994	HGE213T	1/3	115	3.9	15/370	4.0	5.39	1/2	08057
03995	HGE214T	1/3	208-230	1.9	5/370	4.0	5.39	1/2	08057
03996	MGE215T	1/2	115	6.0	15/370	4.0	5.64	1/2	08058
03997	LGE216T	1/2	208-230	2.8	7.5/370	4.0	5.64	1/2	08058
03998	PGE415T	3/4	115	8.5	15/370	4.0	6.14	1/2	08060
03999	PGE416T	3/4	208-230	4.0	7.5/370	4.0	6.14	1/2	08060

1075 RPM — Reversible Rotation - Standard Efficiency - 6 Pole

Three Speed(1)

MARS NO.	GE NO. 5KCP39	HP	VOLTS	AMPS	CAP. REQUIRED	DIMENSIONS A	B	C	BASE NO.
03583(2)	FGN651T	1/4	115	4.2	5/370	4.0	4.89	1/2	08055
03584(2)	FGN652T	1/4	208-230	2.0	5/370	4.0	4.89	1/2	08055
03585(2)	JGN653T	1/3	115	6.2	5/370	4.0	5.14	1/2	08056
03586(2)	JGN654T	1/3	208-230	2.9	5/370	4.0	5.14	1/2	08056
03587(2)	PGN655T	1/2	115	9.0	5/370	4.0	6.14	1/2	08060
03588(2)	NGN656T	1/2	208-230	4.3	5/370	4.0	5.89	1/2	NA
03589(2)	PGN657T	3/4	115	10.3	15/370	4.0	6.14	1/2	08060
03590(2)	PGN658T	3/4	208-230	4.6	10/370	4.0	6.14	1/2	08060
03595(2)	SGL854S	1	115	11.8	20/370	4.0	6.90	1/2	08060
03596(2)	SGL853S	1	208-230	5.59	15/370	4.0	6.90	1/2	08060

Two Speed(3)

MARS NO.	GE NO. 5KCP39	HP	VOLTS	AMPS	CAP. REQUIRED	DIMENSIONS A	B	C	BASE NO.
03383(2)	FGM421S	1/4	115	4.2	5/370	4.0	4.89	1/2	08055
03384	FGM433S	1/4	208-230	2.0	5/370	4.0	4.89	1/2	08055
03385(2)	JGM439S	1/3	115	6.2	5/370	4.0	5.14	1/2	08056
03386	JGM440S	1/3	208-230	2.9	5/370	4.0	5.14	1/2	08056
03387	PGM438S	1/2	115	9.0	5/370	4.0	6.14	1/2	08060
03388	NGM437S	1/2	208-230	4.3	5/370	4.0	5.89	1/2	NA
03389	PGN091T	3/4	115	10.3	15/370	4.0	6.14	1/2	08060
03390	PGN092T	3/4	208-230	4.4	10/370	4.0	6.14	1/2	08060

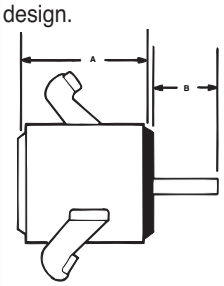
(1) Approximately 150RPM differential between speeds depending on fan load (2) 60 Hz only
(3) Approximately 300RPM differential between speeds depending on fan load

Direct Drive Blower Motors - PSC

5½ inch dia. MARS SERIES 039

5KCP39 PSC Torsion Flex Mount Motors

GE torsion-flex mount motors are designed for direct drive furnace blower applications. The unique torsion-flex mounting speeds installation while the special steel of the torsion-flex bracket absorbs vibration for quieter operation. All models are electrically reversible, 3-speed motors of high efficiency Energy $aver® design.



Features:

- Energy $aver®
- all angle sleeve bearings
- 3-speed 1075/925/775 RPM(1)
- torsion-flex mounting, grommets and sleeves included
- 5.0 inch long, 1/2 inch diameter shaft
- reversible rotation

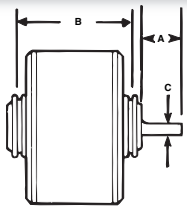
Specifications:

- Class A insulation
- single phase, 60/50 Hertz
- overload protection
- fan duty, continuous, air over
- open construction
- 26 inch leads

1075 RPM(1) — Three Speed – Reversible Rotation - 6 Pole

MARS NO.	GE NO. 5KCP39	HP	VOLTS	AMPS	CAP. REQUIRED	DIMENSIONS A	DIMENSIONS B	BLOWER SIZE
03782	DGP729S	1/6	115V	2.5	5/370	5.0	4.55	9 in.
03783(2)	GGP730S	1/4	115	3.7	7.5/370	5.0	4.23	9 in.
03784	FGP731S	1/4	208-230	1.7	5/370	5.0	4.23	9 in.
03785(2)	LGP732S	1/3	115	4.9	7.5/370	5.0	4.98	9 in.
03786	JGP733S	1/3	208-230	2.5	5/370	5.0	4.73	9 in.
03787	PGP734S	1/2	115	7.3	10/370	5.0	5.48	10 in.
03788	NGP735S	1/2	208-230	3.5	7.5/370	5.0	5.23	10 in.
03789(2)	PGP736S	3/4	115	9.1	15/370	5.0	5.48	10 in.
03790(2)	PGP737S	3/4	208-230	4.4	10/370	5.0	5.48	10 in.

(1) Approximately 150RPM differential between speeds depending on fan load (2) 60 Hz only



Ball Bearing Unit Heater Motors

GE 5KCP39 ball bearing motors are designed for unit heater applications. Each motor includes base and capacitor, and also features extended thru bolts. These electrically reversible motors are totally enclosed with a BX connector on the shell and 60 inch leads.

Features:

- Energy $aver®
- Ball bearings
- Mounting base and capacitor included
- Totally enclosed with BX connector and extended thru bolts
- 5.0 inch long, 1/2 inch diameter shaft

Specifications:

- Single phase, 60/50 Hertz
- Overload protection
- Fan duty, continuous, air over
- Totally enclosed
- 60 inch leads
- Class A insulation

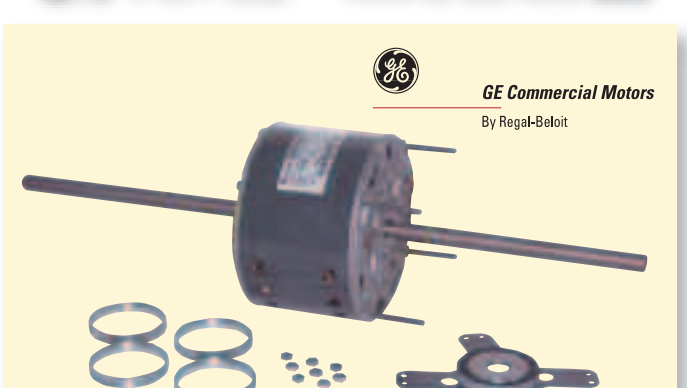
1075 RPM – Reversible Rotation - 6 Pole

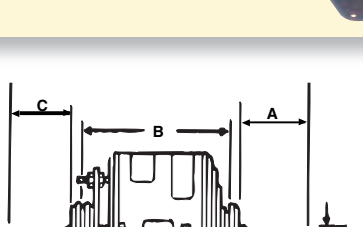
MARS NO.	GE NO. 5KCP39	HP	VOLTS	AMPS	CAPACITOR (FURNISHED)	DIMENSIONS A	DIMENSIONS B	DIMENSIONS C
03206	EGC336T	1/6	115	2.2	5/370	5.0	4.89	1/2
03208	JGC337T	1/4	115	3.3	10/370	5.0	5.14	1/2
03210	HGC338T	1/4	208-230	1.4	7.5/370	5.0	5.14	1/2
03212	NGC339T	1/3	115	4.9	10/370	5.0	6.14	1/2
03214	MGC340T	1/3	208-230	2.0	10/370	5.0	6.14	1/2

GE by RBC

Double Shaft Fan & Blower Motors - PSC

5½ inch dia. MARS SERIES 035





5KCP39 Double Shaft Motors • Three Speed

GE 5KCP39 double shaft Energy $aver® motors are designed for a wide variety of air moving applications. All motors feature double 1/2 inch diameter shafts and include length adapter mounting kit.

Features:

- All angle sleeve bearings
- Extended thru bolts, 2.25 inch resilient rings
- Length adapter and mounting kit included
- For accessories see pages M–73 to M–75

Specifications:

- Class A insulation
- Single phase, 60/50 Hertz
- Overload protected
- Open construction
- Fan duty, continuous, air over
- 14 inch leads

GE by RBC

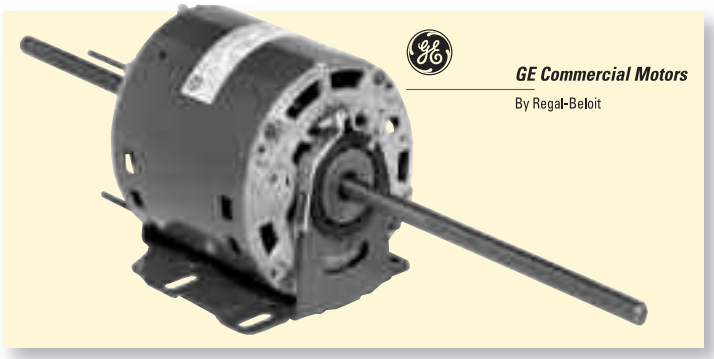
3-Speed(1) — Energy $aver®

MARS NO.	GE NO. 5KCP39	HP	VOLTS	AMPS	ROT LE	CAP. REQ.	DIMENSIONS A	B	C	D	BASE NO.
825 RPM - 8 Pole											
03103(2)	PGA749T	1/3	208-230	2.8	CCW	5/370	7.0	5.75	7.27	1/2	—
1075 RPM - 6 Pole											
03631	CG5822T	1/10	115	1.2	CCW	5/370	7.0	4.19-5.44	9.00	1/2	08052
03632	CG5823T	1/10	208-230	0.8	CCW	3/370	7.0	4.19-5.44	9.00	1/2	08052
03641	CG5824T	1/8	115	1.8	CCW	5/370	7.0	4.19-5.44	9.00	1/2	08052
03642	CG5825T	1/8	208-230	0.8	CCW	5/370	7.0	4.19-5.44	9.00	1/2	08052
03651	DG5826T	1/6	115	2.4	CCW	5/370	7.0	4.44-5.69	8.75	1/2	08053
03652(3)	CG5827T	1/6	208-230	1.0	CCW	5/370	7.0	4.44-5.69	8.75	1/2	08053
03671	GG5828T	1/4	115	3.7	CCW	5/370	8.0	4.69-5.81	7.52	1/2	08054
03672(3)	FG5829T	1/4	208-230	1.7	CCW	5/370	8.0	4.69-5.81	7.52	1/2	08054
03681	LG5830T	1/3	115	5.1	CCW	5/370	7.5	5.38-6.63	7.27	1/2	08057
03682(3)	JG5831T	1/3	208-230	2.5	CCW	5/370	7.5	5.38-6.63	7.27	1/2	08057
03691	PG5081T	1/2	115	7.3	CCW	10/370	7.0	5.75	7.27	1/2	—
03692	NG5082T	1/2	208-230	3.5	CCW	7.5/370	7.0	5.75	7.27	1/2	—
03698	PGA854T	3/4	208-230	5.0	CCW	7.5/370	7.0	5.75	7.27	1/2	—
1625 RPM - 4 pole											
03851	CG9044T	1/6	115	2.0	CCW	5/370	7.0	4.44-5.69	8.77	1/2	08053
03852	CG9045T	1/6	208-230	0.9	CCW	5/370	7.0	4.44-5.69	8.77	1/2	08053
03862	CG9047T	1/5	208-230	1.1	CCW	5/370	8.5	4.69-5.81	7.02	1/2	08054
03871	FG9048T	1/4	115	2.9	CCW	5/370	7.0	4.88-6.13	8.27	1/2	08055
03872	EG9049T	1/4	208-230	1.2	CCW	5/370	7.0	4.94-6.19	8.27	1/2	08055
03881	HG9050T	1/3	115	4.1	CCW	5/370	7.0	5.44-6.69	8.27	1/2	08057
03882	HG9051T	1/3	208-230	1.9	CCW	5/370	6.5	5.44-6.69	8.27	1/2	08057
03891	MG5312T	1/2	115	6.4	CCW	5/370	7.0	5.50	7.52	1/2	08058
03892	MG5313T	1/2	208-230	3.0	CCW	5/370	7.0	5.50	7.52	1/2	08058
03898	PGA853T	3/4	208-230	3.9	CCW	7.5/370	7.0	5.89	7.02	1/2	08058

(1) Approximately 150 RPM differential between speeds depending on fan load (2) 60 Hertz only
(3) Available without mounting kit-see page M–74

Double Shaft Fan & Blower Motors - PSC

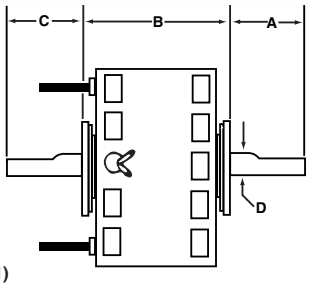
5½ inch dia. MARS SERIES 035



PSC Motors Replace 5KCP32 & 5KCP38

Features:

- Energy $aver®
- Replace GE 5KCP32-38
- All angle sleeve bearings
- Two-speed, 1075/775 RPM(2) double shaft
- Extended thru bolts, base included, plus 4 split rings
- 14 inch leads
- For accessories see pages M–73 to M–75



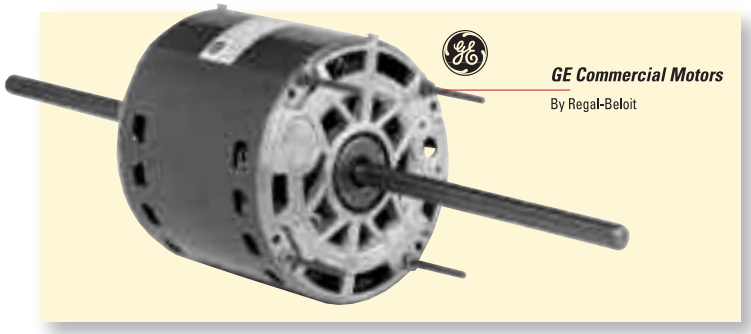
Specifications:

- Single phase, 60/50 Hertz
- Open construction
- Overload protected
- Fan duty, continuous, air over
- 3 inch shaft height when base mounted

1075/775 RPM(1)

MARS NO.	GE NO. 5KCP	HP	VOLTS	AMPS	ROT LE	CAP. REQUIRED	DIMENSIONS A	B	C	D
03091	39KGD368T	1/3	208-230	2.4	CCW	5/370	6.50	6.46	9.00	1/2
03092(2)	39NGD369T	1/2	208-230	3.8	CCW	5/370	8.00	6.46	8.50	1/2

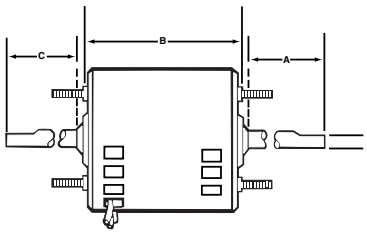
(1) Approximately 300 RPM differential between speeds depending on fan load
(2) 60 Hertz only



5KCP39 PSC Double Shaft Motors

Features:

- All angle sleeve bearings
- 3 speed, 1075/925/775 RPM
- Extended thru bolts
- Base mount using mounting kit 08095 and appropriate base
- Double 1/2 inch diameter shafts
- For accessories see pages M–73 to M–75



Specifications:

- Single phase, 60/50 Hertz
- Overload protected
- Fan duty, continuous, air over
- Open construction
- Requires 5 mfd, 370 volt capacitor (MARS No. 12005)
- 14 inch numbered leads

1075/925/775 RPM(1)

MARS NO.	GE NO. 5KCP39	HP	VOLTS	AMPS	RPM(1)	ROT LE	DIMENSIONS A	B	C	D	BASE NO.(2)
03656	CGA402T	1/6	208-230	1.0	1075/975/775	CCW	7.50	3.75	8.75	1/2	08053
03676	FGA403T	1/4	208-230	1.7	1075/975/775	CCW	8.50	4.00	7.45	1/2	08054
03686	JGA406T	1/3	208-230	2.5	1075/975/775	CCW	7.75	4.75	7.50	1/2	08057
03696	NGA407T	1/2	208-230	3.5	1075/975/775	CCW	7.50	5.25	7.25	1/2	08060

(1) Approximately 150 RPM differential between speeds depending on fan load (2) Requires base and 08095 mounting kit

Direct Drive Blower Motors - ECM

5½ inch dia. MARS SERIES 036

GENTEQ

Evergreen™ • AH

Introducing Evergreen™… the world's first aftermarket ECM motor containing specially designed firmware to replace 208-230 Volt PSC motors currently used in air handlers and heat pumps which may have optional second stage electric heat.

Wholesalers benefit from the easy creation of a tiered 'BEST' offering, the image of being a technology & solutions leader, and the up-sale of IAQ equipment. To be effective, all IAQ equipment must move air; Evergreen moves air more efficiently than any PSC motor.

Applications:

- HVAC 208-230V single stage and some 2 stage air handler, fan coil, and heat pumps which may have optional electric heat

Features:

- Controlled directly by 24 VAC thermostat inputs
- 5 independent speed selections
- System delays are emulated by programming delays and ramp rates in the motor program
- Evergreen is completely isolated from the system controller board
- 5 speed settings cover COOL / HEAT / Low speed CONSTANT FAN
- For accessories, see page M–51 & M–75

Benefits:

- Energy Savings
- Quiet operation
- Comfort
- Air quality

Exclusions:

- 115V/230V furnace fossil fuel applications
- Replacement of OEM ECM motors

Average Annual Energy Savings

Heat and Cool Operation-
up to $60 at 10¢ / kWh

Constant Fan Operation-
up to $268 at 10¢ / kWh

Evergreen™ Belly Band

- ***Designed by RBC for Evergreen***
- ***Tested by RBC for strength and sound***
- ***Evergreen branded accessory***

MARS NO.	DESCRIPTION	MARS PACK
08025	10" Bolt Pattern	1
08026	11" Bolt Pattern	1

MARS NO.	HP	ROTATION	VOLTS
06001	1/2	CCW	208-230
06002	1/2	CW	208-230
06003	1	CCW	208-230
06004	1	CW	208-230

Direct Drive Blower Motors - ECM

5½ inch dia. MARS SERIES 036

MOTOR COMPARISON

	PSC MOTOR	STANDARD ECM (X13)	PREMIUM ECM (ThinkTank™ 2.0 & 3.0)	ECM RETROFIT (Evergreen™)
TECHNOLOGY	Induction Motor	Brushless DC	Brushless DC	Brushless DC
AVAILABLE HORSEPOWER	1/3, 1/2, 3/4, 1 HP	1/3, 1/2, 3/4, 1 HP	1/3, 1/2, 3/4, 1 HP	1/5, 1/4, 1/3, 1/2, 3/4 HP
SPEEDS	Select 1-5 taps	Select 1-5 taps	Variable-speed	Select 1-5 profiles
SPEED RANGE	600-1100 RPM	600-1100 RPM	200-1300 RPM	600-1200 RPM
CLIMATE PROFILES	NO	NO	YES	NO
INTELLIGENT CONTROLS	NO	Constant Torque	Constant Airflow	Speed, Compensated Profiles
ADVANCED FEATURES	NO	NO	Communicating Motor, BlakBox™ Technology	NO
PEAK MOTOR EFFICIENCY	68%	80%	80%	80%
AVERAGE POWER * (COOLING CFM)	515 W	413 W	413 W	413 W
AVERAGE POWER * (CONTINUOUS FAN CFM)	515 W	200 W	83 W	95 W
SUMMARY	No Features, Baseline Product	Limited Features, High Efficiency	Full Features, Maximum Efficiency	Limited Features, High Efficiency
APPLICATION	Retrofit & OEM	OEM	OEM	Retrofit for Indoor PSC Motors

* Average power consumption based on specified setting in a typical three-ton system.

GENTEQ

GE TECMate Pro™ Service Tool

The new GE Tecmate Pro™ Service Tool, MARS stock #08500 is the latest advance in ECM technology developed by and for Genteq Motors. The Tecmate allows the service technician to analyze a Genteq ECM motor independently of the HVAC system in which it is installed. The Tecmate can test all the basic settings of a Genteq ECM motor, and can detect and isolate motor failures from HVAC system failures.

Genteq is the leader in ECM motor technology. ECM motor applications are a fast growing segment of the residential and light commercial HVAC market. Genteq's advanced designs in ECM motors are at the forefront of high efficiency equipment design.

MARS No. 08500

Compact
Easy To Use

See Additional ECM Accessories on page M–75

Direct Drive Blower Motors - ECM

5½ inch dia. MARS SERIES 036

GENTEQ

Average Annual Energy Savings

Heat and Cool Operation-
up to $60 at 10¢ / kWh

Constant Fan Operation-
up to $268 at 10¢ / kWh

Evergreen Belly Band

- ***Designed by RBC for Evergreen***
- ***Tested by RBC for strength and sound***
- ***Evergreen branded accessory***

MARS NO.	DESCRIPTION	MARS PACK
08025	10” Bolt Pattern	1
08026	11” Bolt Pattern	1

Evergreen™ • IM

Evergreen IM is the world’s first high-efficiency ECM replacement motor that is designed to replace factory PSC blower motors in HVAC systems. Built from the same trusted, field-proven ECM technology that is found in millions of OEM systems nationwide, Evergreen uses up to 25% fewer watts in operating mode and up to 74% fewer Watts than a PSC motor in constant fan.

Evergreen’s ECM controls combine thermostat commands with an advanced permanent-magnet design to run more efficiently and quietly while offering better airflow control than a PSC. The Evergreen IM is a great replacement for any PSC air-handler motor, adding up to 1 SEER point to an existing system. The motor’s airflow benefits are especially important to homeowners who run (or would like to run) in constant fan mode for better comfort, improved IAQ products, or improved zoning airflow.

Applications:

- Direct Drive, 115 or 230VAC Motor Systems
- Clock-wise (CW) or Counter Clock-wise (CCW) rotation
- Residential Split and Packaged Systems
- Air Conditioning or Heat Pump Systems
- Natural Gas, Propane and Oil Heat Furnaces
- Dual Fuel Systems
- Hot water coil and Geothermal air handlers

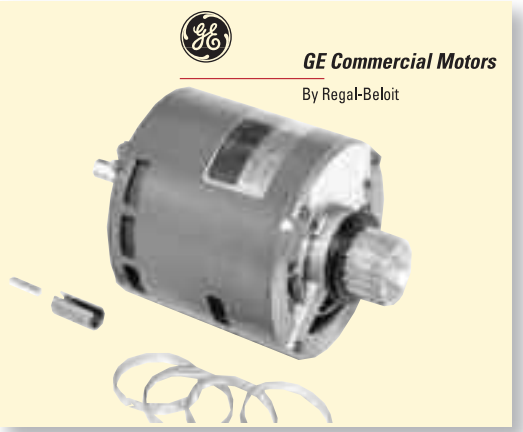
Features:

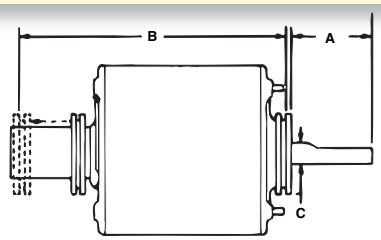
- Two motors cover all applications
- Multi-volt 115/230 and Reversible Rotation
- Integrated with HVAC system controls/operation
- Four speed selections for heating and cooling
- Optimized constant fan speed
- Two (2) year warranty
- Reduce truck stock, no capacitors to change out or stock
- For accessories, see pages M–51 & M–75

MARS NO.	MODEL NO.	HP	VOLTS	ROT	MARS PACK
06005	5SME39HXL110	1/5, 1/4, 1/3, 1/2	115/230V	DUAL	1
06010	5SME39SXL111	3/4	115/230V	DUAL	1

Belted Fan & Blower Motors - Split Phase

5½ inch dia. MARS SERIES 043





"PDQ" Belted Fan And Blower Motors

GE "PDQ" motors are designed to replace 48 and 56 frame belt driven furnace blower motors by using the old base. The patented design of the end shield allows the resilient ring to be positioned along the extended hub to match the dimensions of the old base. 2.50 inch resilient rings are provided, but split rings can be removed to reduce diameter to 2.25 inch. All motors feature reversible rotation and 1725 RPM.

Features:

- Length adjusts to fit old base
- Permanently lubricated ball bearings
- 1/2 inch shaft with flat, 5/8 inch adapter with key included
- EXTRA long life centrifugal starting switch
- Open construction

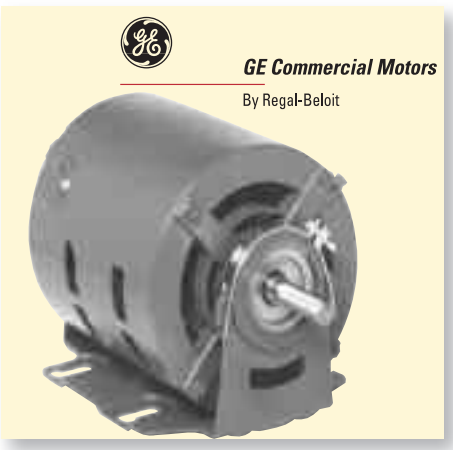
Specifications:

- Single phase, 60 Hertz
- Overload protected
- Time rating, continuous, 40°C ambient
- Moderate starting torque

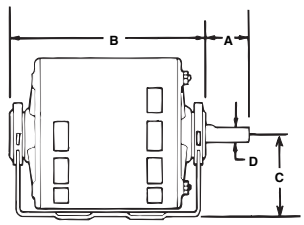
1725 RPM – Reversible Rotation - Ball Bearing - 4 Pole

MARS NO.	GE NO. 5KH3	MARATHON NO.	HP	VOLTS	FLA	SF	DIMENSIONS A	B	C	NEMA FRAME
04730✪	5KH39QNC003T	4730	1/4	115	5.0	1.35	1.5	6.67/7.91	1/2	48/56
04733✪	9DNA533T	4733	1/4	115	5.1	1.35	1.5	7.12/8.11	1/2	48/56
04731✪	5KH39QNC004X	4731	1/3	115	5.8	1.35	1.5	6.87/8.16	1/2	48/56
04738✪	9QN9703T	4738	1/3	230	3.1	1.35	1.5	6.87/8.16	1/2	48/56
04732✪	D5KH39QNC000T	4732	1/2	115	7.9	1.25	1.5	7.12/8.11	1/2	48/56
04734✪	2HNA532T	4734	1/3	115	6.6	1.35	1.5	7.12/8.11	1/2	48/56
04739✪	9QN9704T	4739	1/2	230	4.0	1.25	1.5	7.12/8.11	1/2	48/56

Bases for "PDQ" motors - order separately MARS# 08062 See Page M-73



Economy Model Belted Fan And Blower Motors



Features:

- All angle sleeve or ball bearings
- Resilient base mounted
- Slotted holes in base match 48 or 56 frame bolt patterns
- 1/2 inch shaft diameter - 5/8 inch adapter with key included

Specifications:

- Single phase, 60 Hertz
- Overload protection
- Open construction
- Continuous duty, 40°C ambient

1725 RPM - Reversible Rotation - 4 Pole

MARS NO.	GE NO. 5KH3	MARATHON NO.	HP	VOLTS	FLA	SF	DIMENSIONS A	B	C	D	NEMA FRAME
04701✪	9QN5771T	4701	1/4	115	5.1	1.35	1.50	6.65	3.0	1/2	48/56
04706✪	9QN5772T	4706	1/3	115	6.6	1.35	1.50	6.61	3.0	1/2	48/56
04708✪	9QN5773T	4708	1/2	115	7.9	1.25	1.50	6.91	3.0	1/2	48/56
04338(1)✪	9QN9541T	4338	3/4	115	11.4	1.00	1.50	9.80	3.0	1/2	56

(1) Ball bearings ✪Upon depletion of stock on this item, the referenced Marathon item will be substituted.

Heating Motors - PSC & Split Phase

5½ inch dia. MARS SERIES 047

Replacement Oil Burner Motors

Oil burner motors are available in a variety of styles and models for all applications. These motors will replace any vented or non-vented flange oil burner motor.

Features:

- Totally enclosed shell, vented flange on shaft end
- All angle ball or sleeve bearings
- 1725 RPM and 3450 RPM models available
- Standard NEMA mounting flanges
- Reversible rotation

Specifications:

- PSC & split phase models
- CW rotation opposite shaft end
- Single phase, 60 Hertz
- Automatic reset, overload protected
- Continuous duty, 1.0 service factor
- UL recognized & CSA certified
- Enclosed construction
- Two lug Rabbett Flange

Cross Reference:

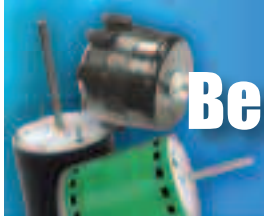
A.O. Smith	Beckett	Emerson	MARS NO.
OBK2002	21805U	3274	**04777**

Beckett Replacement:
GE Model # 5KCP100EZA001X **MARS# 04777**

MARS NO.	MARATHON NO.	HP	VOLTS	AMPS	RPM	DIMENSIONS A	DIMENSIONS B	NEMA FRAME	LUG CENTERS	RABBETT FLANGE
3450 RPM - 2 Pole										
04777(1)✪	4777	1/7	115	1.70	3450	1.75	4.86	48M	–	6.38
04773✪	4773	1/8	115	2.35	3450	1.88	5.34	48N	7.25	6.38
04779(2)	-	1/7	115	2.35	3450	1.88	5.12	48M	6.75	5.50
04785	-	1/4	115	3.60	3450	1.88	6.07	48N	7.25	6.38
04774✪	4774	1/3	115	4.90	3450	1.88	6.32	48N	7.25	6.38
1725 RPM - 4 Pole										
04782✪	4782	1/8	115	2.60	1725	1.84	5.34	48N	7.25	6.38
04784✪	4784	1/6	115	3.50	1725	1.84	5.54	48N	7.25	6.38
04786✪	4786	1/4	115	4.40	1725	1.84	5.82	48N	7.25	6.38
04787✪	4787	1/3	115	5.20	1725	1.84	6.07	48N	7.25	6.38

(1) PSC (2) 24 inch leads are 18 gauge SC cord

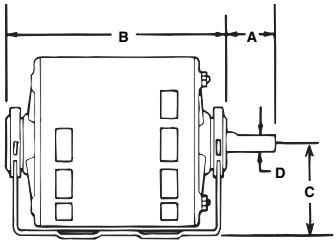
✪Upon depletion of stock on this item, the referenced Marathon item will be substituted.



Belted Fan & Blower Motors - Split Phase

5½ inch dia. MARS SERIES 043

Special Purpose Belted Fan And Blower Motors



GE special purpose motors are designed for belted fan and blower applications; however, they are also suitable for general purpose applications.

Features:

- All angle sleeve or ball bearings
- Resilient base mounted

Specifications:

- Single phase, 60 Hertz
- Overload protection
- Open construction
- Continuous duty, 40°C ambient
- NEMA service factors

1725 RPM - Reversible Rotation - Sleeve Bearing - 4 Pole

MARS NO.	GE NO. 5KH3	MARATHON NO.	HP	VOLTS	FLA	SF	DIMENSIONS A	B	C	D	NEMA FRAME
04304*✪	9QN5777	4304	1/6	115	3.9	1.35	1.5	7.34	3.0	1/2	48
04314✪	9QN5520X	4314	1/6	115	3.9	1.35	1.5	7.05	3.0	1/2	48
04750✪	9QN5511X	4305	1/4	115	5.1	1.35	1.5	6.75	3.0	1/2	48
04363	9QN5526X	-	1/4	115	5.1	1.35	1.5	6.75	3.5	1/2(1)	56Z
04306✪	9QN5537X	4306	1/4	230	2.5	1.35	1.5	7.10	3.0	1/2	48
04752✪	9QN9425T	Special Order	1/3	115	5.6	1.35	1.5	7.00	3.0	1/2	48

(1) Shaft extension 1-7/8" long by 1/2" diameter * No overload protection

1725 RPM - Reversible Rotation - Ball Bearing - 4 Pole

MARS NO.	GE NO. 5KH3	MARATHON NO.	HP	VOLTS	FLA	SF	DIMENSIONS A	B	C	D	NEMA FRAME
04355*✪	9QN5776	4355	1/4	115	5.1	1.35	1.5	7.34	3.0	1/2	48
04357*✪	9QN5542	4352	1/4	115	5.7	1.0	1.5	7.34	3.0	1/2	48
04309✪	9QN9514X	4309	1/3	230	3.1	1.35	1.5	7.60	3.0	1/2	48
04757✪	9QN9636T	4757	1/3	230	3.1	1.35	1.5	7.00	3.5	1/2(1)	56Z
04377*✪	9QN5774	4377	1/3	115	6.2	1.00	1.5	7.70	3.5	1/2(1)	56Z
04369✪	9QN5775	4369	1/3	115	6.2	1.00	1.5	7.34	3.0	1/2	48
04758✪	9QN9698T	4758	1/2	115	7.9	1.25	1.5	7.50	3.5	1/2(1)	56Z
04759✪	9QN9697T	4759	1/2	230	4.0	1.25	1.5	7.50	3.5	1/2(1)	56Z
04386*✪	9QN9218	4386	1/2	115	8.3	1.00	1.5	8.90	3.5	1/2	56
04422*✪	9QNC009	4422	3/4	115	11.2	1.00	1.5	8.90	3.5	1/2	56

(1) Shaft extension 1-1/2" long by 1/2" dia. with 5/8" shaft adapter. * No overload protection

General Purpose Split Phase Motors

GE general purpose split phase motors are designed for applications having moderate starting loads or loads applied after the motor is up to speed, like commercial fans, blowers and evaporative coolers.

Features:

- Sleeve or ball bearings
- Reversible rotation
- Welded base
- Foot mount
- No thermal protection

Specifications:

- Single phase
- NEMA service factor
- 48 and 56 frame
- Dripproof
- Single speed
- 1725 rpm
- 115 volts

MARS NO.	GE NO. 5KH3	MARATHON NO.	HP	AMPS	BEARING TYPE	SF	NEMA FRAME	SHAFT DIA.	SHAFT LENGTH
04351✪	9QN9542A	4351	1/4	5.7	Sleeve	1.00	48	1/2	1-1/2
04345✪	3FN6	H239	1/4	5.6	Ball	1.35	48	1/2	1-1/2
04356(1)✪	2DNA612	H901	1/4	5.1	Ball	1.15	48Z	1/2	2-1/4
04368✪	9QN9397	4368	1/3	6.6	Sleeve	1.00	48	1/2	1-1/2
04375✪	9QN9091	H230	1/2	8.3	Ball	1.00	56	5/8	1-7/8
04609(1)✪	6JNA769	H905	1/2	8.1	Ball	1.15	56Z	5/8	2-1/4

(1) Steel endshields

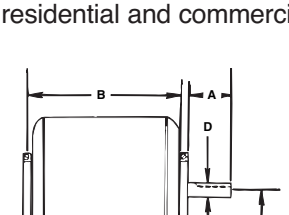
✪Upon depletion of stock on this item, the referenced Marathon item will be substituted.

GE by RBC

MARATHON

Split Phase 56 Frame Motors

GE base mount 56 frame split phase special service motors with 1.0 service factor are for use on summer cooling fans, evaporative coolers, power tools and industrial fans and blowers. Models with 1.25 service factor are for use on residential and commercial belted air handlers, exhaust fans and furnaces.



Features:

- Ball bearings
- Reversible rotation
- Single and two-speed models
- Resilient base mounting
- 5/8 inch shaft with key

Specifications:

- Single phase, 60 Hertz
- Overload protection
- Open construction
- continuous duty, 40°C ambient

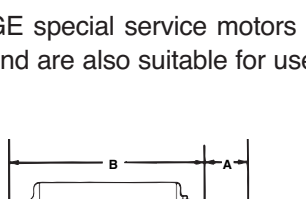
Reversible Rotation

MARS NO.	GE NO. 5KH	MARATHON NO.	HP	VOLTS	FLA	RPM	SF	DIMENSIONS A	B	C	D	NEMA FRAME
04604(1)✪	39QN9631T	H131	1/2-1/6	115	8.4/4.8	1725/1140	1.00	1.88	8.50	3.5	5/8	56
04605✪	39QN9642T	H133	1/2-1/6	230	4.1/2.4	1725/1140	1.00	1.88	8.50	3.5	5/8	56
04624(2)✪	49PN3026	H175	1/2-1/6	115	8.0/4.2	1725/1140	1.25	1.88	9.60	3.5	5/8	56

(1) Requires continuous air over for adequate cooling (2) No overload protection

Special Service Fan And Blower Motors

GE special service motors are designed for industrial fan and blower applications and are also suitable for use in evaporative coolers.



Features:

- All angle sleeve or ball bearings
- Single and two-speed models
- Reversible rotation
- Resilient base mount

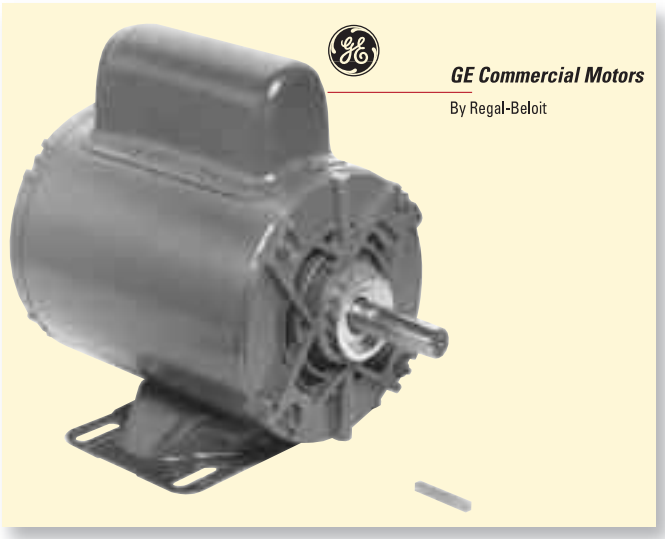
Specifications:

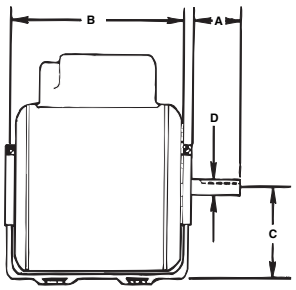
- Single phase, 60 Hertz
- Overload protected
- Open construction
- Fan duty, continuous, 40°C ambient
- 1.0 service factor

Reversible Rotation - 4 Pole

MARS NO.	GE NO. 5KH	MARATHON NO.	HP	VOLTS	FLA	RPM	DIMENSIONS A	B	C	D	NEMA FRAME
04412✪	39QN9550X	4412	1/4-1/12	230	2.1/1.3	1725/1140	1.5	7.00	3.0	1/2	48
04776	39QN5539T	-	1/3	115	6.3	1725	1.5	7.00	3.5	1/2(1)	56Z
04319(2)✪	39QN9429T	4319	1/3-1/9	115	6.4/2.8	1725/1140	1.5	8.75	3.0	1/2	48
04344✪	37PN33	H171	1/4-1/12	115	4.2/2.7	1725/1140	1.88	8.81	3.0	1/2	48Z
04311✪	39QN5529X	4311	1/3	230	3.2	1725	1.5	6.75	3.0	1/2	48
04778(3)✪	39QN9639T	-	1/2	115	8.1	1725	1.5	7.50	3.5	1/2(1)	56Z
04396✪	39QN9683	4396	1/3-1/9	115	6.3/3.1	1725/1140	1.5	9.00	3.0	1/2	48

(1) 5/8 inch shaft adapter with key included (2) Extended thru bolts, shaft end (3) Ball bearing





General Purpose Capacitor Start Motors

Solid Base Open, Dripproof Construction

GE general purpose capacitor start motors are suitable for a variety of applications including water pumps, air compressors and applications with heavy starting loads. Models are available with solid or resilient base mount, ball bearings.

Features:

- Ball bearings
- Reversible rotation
- Dual voltage
- NEMA service factors
- Solid base mounting, NEMA 56 frame

Specifications:

- Single phase, 60 Hertz
- Overload protection
- Continuous duty, 40°C ambient

Reversible Rotation – Solid Base

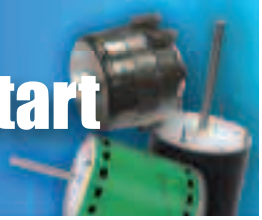
MARS NO.	GE NO. 5KC	MARATHON NO.	HP	VOLTS	RPM	FLA	SF	DIMENSIONS A	B	C	D
04216(4)(5)(6)(7)✪	5KH32FN3123	HG120	1/4	115	115	5.1	1.00	1.50	8.42	3.0	1/2
04232(2)(4)✪	35JN10	C147	1/4	115/208-230	1725	5.2/2.7-2.6	1.35	1.50	7.37	3.0	1/2
04206(4)✪	35JN10X	C148	1/4	115/208-230	1725	5.2/2.7-2.6	1.35	1.50	7.37	3.0	1/2
04241(2)(4)✪	36LN30	C153	1/3	115/208-230	1725/1425	6.0//3.2-3.0	1.35	1.50	7.78	3.0	1/2
04234(4)✪	36LN30X	C154	1/3	115/208-230	1725/1425	6.0/3.2-3.0	1.35	1.50	7.78	3.0	1/2
04576✪	36LN7X	C159	1/3	115/208-230	1725/1425	6.0/3.2-3.0	1.35	1.88	8.44	3.5	5/8
04242(1)(2)✪	36LN7	C158	1/3	115/208-230	1725/1425	6.0/3.2-3.0	1.35	1.88	8.44	3.5	5/8
04881(3)✪	37LN502Y	C1474	1/2	115/230	3450	7.4/3.7	1.25	1.88	8.84	3.5	5/8
04577(2)✪	49GN0010	C167	1/2	115/208-230	1725	8.8/4.2-4.4	1.25	1.88	8.50	3.5	5/8
04564✪	49GN0010X	C168	1/2	115/230	1725	8.8/4.4	1.25	1.88	8.82	3.5	5/8
04240(3)✪	37NN501Y	C1475	3/4	115/230	3450	10.2/5.1	1.25	1.88	8.84	3.5	5/8
04540(2)✪	46LN0153	C175	3/4	115/208-230	1725	13.2/6.2-6.6	1.25	1.88	8.90	3.5	5/8
04565✪	46LN0153X	C176	3/4	115/230	1725	13.2/6.6	1.25	1.88	10.02	3.5	5/8
04243✪	38RN60X	C180	1	115/208-230	3450	12.4/6.4-6.2	1.25	1.88	9.16	3.5	5/8
04578(2)✪	49PN0161	C181	1	115/208-230	1725	13.6/6.7-6.8	1.15	1.88	9.50	3.5	5/8
04880(3)✪	49PN0161U	C1480	1	115/230	1725	13.6/6.8	1.15	1.88	9.50	3.5	5/8
04566✪	49PN0161X	C182	1	115/230	1725	13.6/6.8	1.25	1.88	10.02	3.5	5/8
04877(3)✪	49PN2144X	C1477	1-1/2	115/230	3450	16.8/8.4	1.15	1.88	10.03	3.5	5/8
04541(1)(2)✪	R49SN0068	C185	1-1/2	115/208-230	1725	18.2/9.1-9.1	1.15	1.88	10.03	3.5	5/8
04567(1)✪	R49SN0068X	C186	1-1/2	115/230	1725	18.2/9.1	1.25	1.88	11.92	3.5	5/8
04878(2)✪	48TN2169	C187	2	115/230	3450	21.2/10.6	1.15	1.88	10.78	3.5	5/8
04543(1)(2)✪	R49WN0270	C193	2	115/208-230	1725	22.0/10.9-11.0	1.15	1.88	12.45	3.5	5/8
04542(1)✪	R49WN0270T	C381	2	115/208-230	1725	22.0/10.9-11.0	1.15	1.88	12.45	3.5	5/8

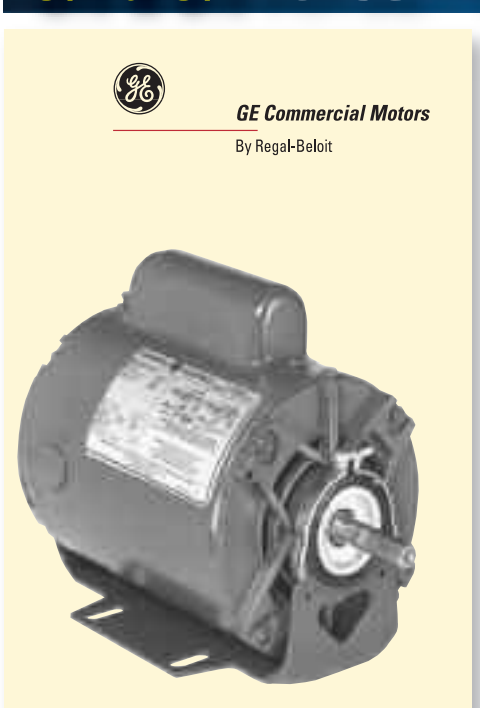
(1) Electrical design incorporates a run capacitor (2) No overload protection (3) Manual reset thermal protection (4) 48 frame
(5) Totally enclosed fan cooled (6) Split phase model (7) No overload protection

✪Upon depletion of stock on this item, the referenced Marathon item will be substituted.

General Purpose Motors - Capacitor Start

5½ & 6½ inch dia. MARS SERIES 045

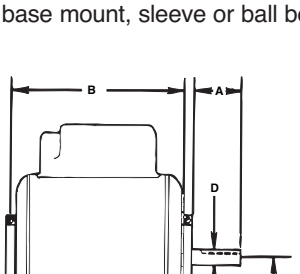




General Purpose Capacitor Start Motors

Resilient Base Open, Dripproof Construction

GE general purpose capacitor start motors are suitable for a variety of applications including water pumps, air compressors, commercial refrigeration compressors, and applications with heavy starting loads. Models are available with solid or resilient base mount, sleeve or ball bearings.



Features:

- All angle sleeve or ball bearings
- Reversible rotation
- Dual voltage
- NEMA service factors
- Resilient base mounting, NEMA 48 or 56 frame
- Open, dripproof construction

Specifications:

- Single phase, 60 Hertz
- Overload protection
- Continuous duty, 40°C ambient

MARS NO.	GE NO. 5KC	MARATHON NO.	HP	VOLTS	FLA 115/208-230	SF	NEMA FRAME	DIMENSIONS A	B	C	D
1725 RPM - Reversible Rotation, Sleeve Or Ball Bearing - 4 Pole											
04203✪	35JNC019X	G1115	1/4	115/230	5.2/2.6	1.35	48	1.50	7.64	3.0	1/2
04200*✪	35JN7J	G1114	1/4	115/230	5.2/2.6	1.35	48	1.50	7.64	3.0	1/2
04230(1) (2)✪	36LN26X	C210	1/3	115/208-230	6.0/3.2-3.0	1.35	48	1.50	8.50	3.0	1/2
04204✪	35JN23X	C129	1/3	115/230	6.4/3.2	1.00	48	1.50	7.64	3.0	1/2
1725 RPM - Reversible Rotation, Ball Bearing - 4 Pole											
04591(2)✪	36LN1X	C216	1/3	115/208-230	6.0/3.2-3.0	1.35	56	1.88	8.42	3.5	5/8
04210(2)*✪	36LN26J	C209	1/3	115/208-230	6.0/3.2-3.0	1.35	48	1.50	8.50	3.0	1/2
04525(2)*✪	36LN1	C215	1/3	115/208-230	6.0/3.2-3.0	1.35	56	1.88	8.52	3.5	5/8
04863(4)✪	49PN605IX	C548	1/3	115/230	8.6/4.3	1.35	56	1.88	10.50	3.5	5/8
04521*✪	49GN0001	C221	1/2	115/208-230	8.8/4.2-4.4	1.25	56	1.88	8.50	3.5	5/8
04596✪	36MNC020X	C133	1/2	115/230	8.2/4.1	1.00	48	1.50	8.50	3.0	1/2
04597*✪	46LN0158	C230	3/4	115/208-230	13.2/6.2-6.6	1.25	56	1.88	8.90	3.5	5/8
04592✪	49GN0873X	CG223	1/2	115/230	8.8/4.4	1.25	56	1.88	8.82	3.5	5/8
04593✪	46LN0877X	C231	3/4	115/230	13.2/6.6	1.25	56	1.88	10.02	3.5	5/8
04594✪	49PN0872X	CG236	1	115/230	13.6/6.8	1.15	56	1.88	10.02	3.5	5/8
04514(2)(5)✪	R48UN0105X	E281	1	100-120/200-240	11.8-11.4/5.9-5.7	1.15	56H	1.88	10.80	3.5	5/8
04598*✪	49PN0872	C235	1	115/208-230	13.6/6.7-6.8	1.15	56	1.88	10.50	3.5	5/8
04595(5)✪	R49SN0871X	CG239	1-1/2	115/208-230	18.2/9.1	1.15	56H	1.88	11.90	3.5	5/8

3450 RPM - Reversible Rotation, Ball Bearing - 2 Pole

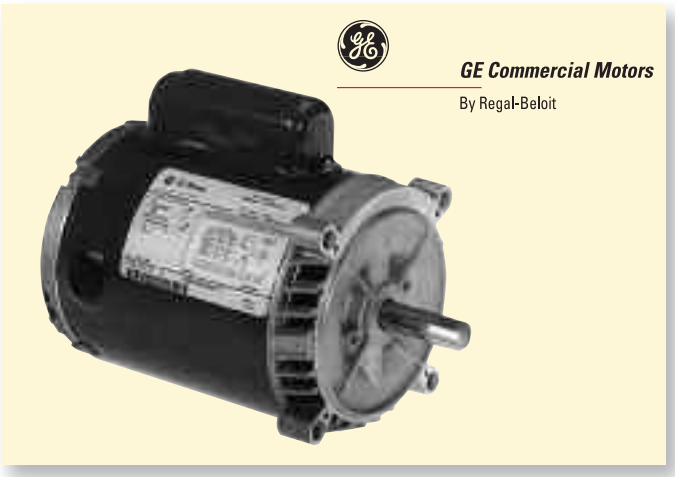
MARS NO.	GE NO. 5KC	MARATHON NO.	HP	VOLTS	FLA 115/230	SF	NEMA FRAME	DIMENSIONS A	B	C	D
04205(3)✪	35FN51X	C208	1/3	115/230	6.8/3.4	1.35	48	1.50	7.64	3.0	1/2
04244*✪	36JN267	C219	1/2	115/230	7.6/3.8	1.25	48	1.50	8.50	3.0	1/2

*No overload protection (1) Ball bearing (2) 1725/1425 RPM (3) Moderate starting torque, suitable for soft starts (4) 1140 RPM
(5) Electrical design incorporates a run capacitor

✪Upon depletion of stock on this item, the referenced Marathon item will be substituted.

GE by RBC

MARATHON



General Purpose Capacitor Start Motors

End Mount Dripproof Construction

Designed for use on commercial and industrial pumps, centrifugal and hydraulic pumps, machine tools, and other equipment requiring NEMA C-face mounting configuration.

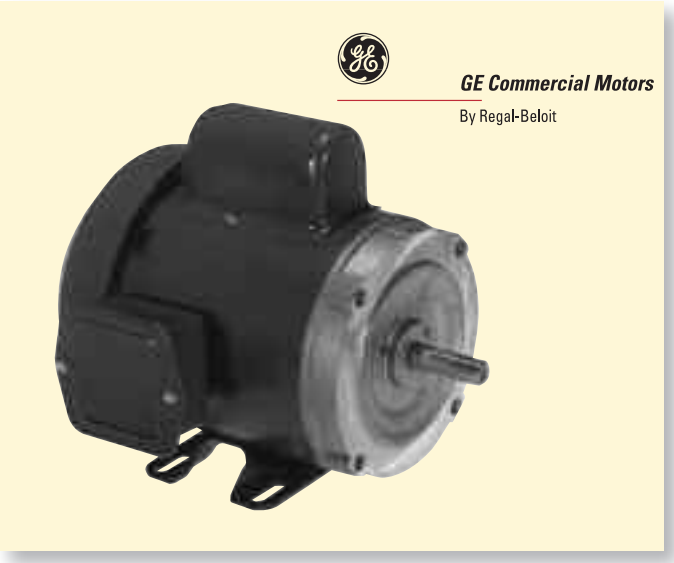
Features:

- Ball bearings
- Reversible rotation
- No base provided

Specifications:

- Single phase
- Dual voltage
- NEMA 56C frame
- 5/8" shaft diameter
- 2" shaft length

MARS NO.	GE NO. 5KC	MARATHON NO.	HP	VOLTS	AMPS	SF	RPM	THERMAL PROTECTION
04858✪	35JN70	C1296	1/4	115/208-230	5.2/2.7-2.6	1.35	1725	None
04864✪	35JN70X	C354	1/4	115/208-230	5.2/2.7-2.6	1.35	1725	Auto
04865✪	49GN0009	C358	1/2	115/208-230	8.8/4.2-4.4	1.25	1725	None
04868✪	49GN0009X	C359	1/2	115/230	8.8/4.4	1.25	1725	Auto
04867✪	46LN0159	CG361	3/4	115/208-230	13.2/6.2-6.6	1.25	1725	None
04866✪	46LN0159X	CG362	3/4	115/230	8.8/4.4	1.5	1725	Auto



General Purpose 56C Frame Capacitor Start Motors

End Mount - Totally Enclosed Fan Cooled

GE general purpose 56C frame capacitor start motors are designed for use on commercial and industrial pumps, centrifugal and hydraulic pumps, machine tools and other equipment requiring NEMA C-face mounting in dirty or dusty

Features:

- Ball bearings
- Reverse rotation
- No overload protection
- NEMA C-face mounting

Specifications:

- Single phase
- Totally enclosed fan cooled
- End mounted

115/230 Volts

MARS NO.	GE NO. 5KC	MARATHON NO.	HP	RPM	SF	BASE	AMPS	SHAFT LENGTH	SHAFT DIA.
04584✪	49MN6063	C1423	1/4	1140	1.0	NB	6.2	2"	5/8
04585✪	32GN25	G1511	1/4	1725	1.0	NB	5.4	2"	5/8
04582✪	35MN73	G1513	1/3	1725	1.0	NB	6.0	2"	5/8
04586✪	35MN145	C1405	1/3	1725	1.0	WB	6.0	2"	5/8
04508✪	42GN0018	G1515	1/2	1725	1.15	NB	8.6	2"	5/8
04587✪	46PN0032	C369	3/4	1725	1.0	NB	11.0	2"	5/8
04588✪	49PN0283	C1425	3/4	1725	1.0	WB	11.0	2"	5/8
04590✪	49TN0035	G1519	1	1725	1.0	NB	13.2	2"	5/8
04589✪	49TN0067	C376	3	1725	1.0	WB	13.2	2"	5/8

NOTE: NB = No base provided WB = Welded base

✪Upon depletion of stock on this item, the referenced Marathon item will be substituted.

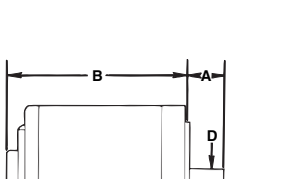
Pump Motors, Single Phase

5½ inch dia. MARS SERIES 045

GE Commercial Motors
By Regal-Beloit

Single Phase, Dual Voltage Centrifugal Pump Motors

GE dripproof, capacitor start, 56 C frame motors are used for centrifugal pumps and other applications requiring open end-mounted ball bearing motors.



GE by RBC

Reversible Rotation

MARS NO.	GE NO. 5KC	MARATHON NO.	HP	VOLTS	FLA 115/208-230	RPM	SF	DIMENSIONS A	B	C	D
04869*✪	36LN83	C355	1/3	115/208-230	6.0/3.2-3.0	1725/1425	1.35	1.88	10.30	3.5	5/8
04535✪	36LN83X	C356	1/3	115/230	6.0/3.2-3.0	1725/1425	1.35	1.88	10.30	3.5	5/8
04550✪	37FN71X	J1025	1/3	115/230	6.4/3.2	3450	1.75	1.88	8.82	3.5	5/8
04552✪	36JN268X	C330	1/2	115/230	7.6/3.8	3450	1.60	1.88	9.52	3.5	5/8
04511✪	36JN269X	C331	1/2	115/230	7.6/3.8	3450	1.60	1.88	8.94	3.5	5/8
04512✪	39QN3219X	C333	3/4	115/230	11.2/5.6	3450	1.50	1.88	10.52	3.5	5/8
04554✪	39NN50X	C332	3/4	115/230	11.2/5.6	3450	1.50	1.88	9.92	3.5	5/8

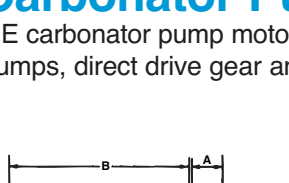
* No overload protection

MARATHON

GE Commercial Motors
By Regal-Beloit

Carbonator Pump Motors

GE carbonator pump motors are designed for use on carbonator pumps, utility pumps, direct drive gear and vane type pumps.



Features:

- All angle, sleeve bearings – thrust bearing carries up to 25 lb. end thrust
- 1725 rpm, reversible rotation
- Resilient base mount

Specifications:

- Single phase, 60 Hertz
- Overload protection
- Continuous duty, 40°C ambient, 1.0 service factor

1725 RPM - Reversible Rotation - 4 Pole

MARS NO.	GE NO. 5KH3	MARATHON NO.	HP	VOLTS	FLA	SF	DIMENSIONS A	B	C	D	NEMA FRAME
04725✪	2DN5587X	4725	1/4	115	5.0	1.00	.75	6.75	3.0	1.86	48Y
04803(1) (2)✪	2GNB813X	HG451	1/4	208-240	2.3	1.00	.75	7.00	3.0	1.86	48Y
04406(1)✪	2FN5586X	4406	1/3	115	5.6	1.15	.75	7.05	3.0	1.86	48Y
04805(1) (2)✪	2GNB811X	4805	1/3	100-120/200-240	5.6/2.8	1.00	.75	7.00	3.0	1.86	48Y

(1) 50/60 hertz (2) 1725/1425 rpm

✪Upon depletion of stock on this item, the referenced Marathon item will be substituted.

Fan & Blower Motors - Split Phase

5½ & 6½ inch dia. MARS SERIES 045

Air Moving Single Phase Commercial Fan And Blower Motors

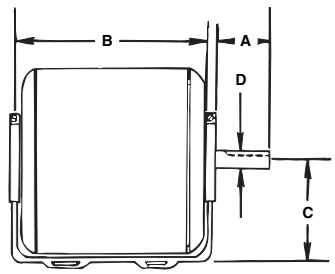
GE commercial fan and blower motors are adaptable to a wide variety of applications. Ball bearings and automatic thermal overload protection coupled with NEMA service factors make these motors the right choice for tough jobs.

Features:

- Single speed
- NEMA service factors
- Ball bearings
- Reversible

Specifications:

- Split phase
- Single phase
- Open dripproof
- Resilient base mounted with extended thru-bolts
- Automatic thermal overload protection



1140 RPM - 115 Volt - 6 Pole

MARS NO.	GE NO. 5KH	MARATHON NO.	HP	FLA	SF	DIMENSIONS A	B	C	D	NEMA FRAME
04343(2)✪	37PN41X	H159	1/6	4.0	1.35	1.50	9.30	3.0	.50	48Z
04361*(2)✪	37PN41	H158	1/6	4.0	1.35	1.50	9.30	3.0	.50	48
04391*✪	37PNA233	HG695	1/6	4.0	1.35	1.50	9.00	3.0	.50	48
04614✪	46MN6053X	H163	1/4	5.6	1.35	1.88	9.02	3.5	.62	56
04626*✪	46MN6053	H162	1/4	5.6	1.35	1.88	9.02	3.5	.62	56
04615(1)✪	49PN6055X	HG621	1/3	7.0/3.5	1.35	1.88	10.82	3.5	.62	56
04641*✪	49PN6055	H168	1/3	7.0/3.5	1.35	1.88	10.82	3.5	.62	56
04617(1)✪	48UN6054X	H298	1/2	9.0/4.5	1.25	1.88	11.42	3.5	.62	56

1725 RPM - 115 Volt - 4 Pole

MARS NO.	GE NO. 5KH3	MARATHON NO.	HP	FLA	SF	DIMENSIONS A	B	C	D	NEMA FRAME
04365✪	2DN3085X	H157	1/6	3.9	1.35	1.50	7.80	3.0	.50	48Z
04341*(1)✪	2DN3085	HG156	1/6	3.9	1.35	1.50	10.00	3.0	.50	48Z
04395*(3)✪	2FNC008	H160	1/4	5.1	1.35	1.50	12.00	3.0	.50	48Z
04366✪	2FN3083X	HG161	1/4	5.1	1.35	1.50	7.80	3.0	.50	48Z
04367✪	2JN3128X	H165	1/3	6.2	1.35	1.50	7.80	3.0	.50	48Z
04388*(3)✪	2JN3128	H164	1/3	6.2	1.35	1.50	7.80	3.0	.50	48Z
04620✪	6MN3106X	H248	1/2	9.3	1.25	1.88	8.42	3.5	.62	56
04622✪	6MN3106	H286	1/2	7.9	1.00	1.88	8.52	3.5	.62	56

* No overload protection (1) 115/230V (2) shaft extension 1-1/2" long by 1/2" dia. w/ 5/8" shaft adapter (3) shaft extension 1-7/8" long by 1/2" dia.

✪Upon depletion of stock on this item, the referenced Marathon item will be substituted.

Fan & Blower Motors - Split Phase

5½ & 6½ inch dia. MARS SERIES 045

Split Phase 56CZ Frame Fan And Blower Motors

Designed for applications having moderate starting loads, like commercial fans and blowers, and exhaust fans requiring NEMA C-face mounting configuration.

Features:

- Ball bearings
- Reverse rotation
- No overload protection
- Base not included

Specifications:

- Single phase
- Dripproof
- End mounted

GE by RBC

Single Speed – 115 Volts

MARS NO.	GE NO. 5KH	MARATHON NO.	HP	RPM	SF	AMPS	SHAFT LENGTH	SHAFT DIA.
04342✪	32GN142	H204	1/12	1140	1.40	2.4	2-1/4	5/8
04630✪	36KN112	H206	1/8	1140	1.40	3.8	2-1/4	5/8
04555✪	37PN36	H209	1/6	1140	1.35	4.0	2-1/4	5/8
04634✪	46MN6071	H214	1/4	1140	1.35	5.6	2-1/4	5/8
04632✪	32DN111	H208	1/6	1725	1.35	4.2	2-1/4	5/8
04346✪	33FN77	H212	1/4	1725	1.35	5.6	2-1/4	5/8
04636✪	35JN121	H217	1/3	1725	1.35	6.6	2-1/4	5/8
04517✪	36MN137	H290	1/2	1725	1.25	8.7	2-1/4	5/8

Two Speed – 115 Volts

MARS NO.	GE NO. 5KH	MARATHON NO.	HP	RPM	SF	AMPS	SHAFT LENGTH	SHAFT DIA.
04358✪	37PN40	H223	1/4-1/12	1725/1140	1.35	4.2	2-1/4	5/8
04638✪	46MN3040	H225	1/3-1/9	1725/1140	1.35	5.7	2-1/4	5/8
04640✪	49PN3042	H226	1/2-1/6	1725/1140	1.25	8.0	2-1/4	5/8

✪Upon depletion of stock on this item, the referenced Marathon item will be substituted.

MARATHON

Condenser Fan Motors - PSC

5½ & 6½ inch dia. MARS SERIES 045

Commercial Condenser Fan Motors Shaft Up Application With Fan Canopy/Rainshield

GE Commercial Motors by Regal Beloit offers a full line of energy efficient PSC Commercial Condenser Fan Motors. Three new 575 volt motors, with fan canopy/rainshield, are featured below.

Features:

- Fan Canopy/Rain Shield
- Automatic Thermal Protection
- Reversible Rotation
- Ball Bearings
- Conduit Box
- Single Phase
- Capacitor Not Included
- Vertical Shaft Up Mount
- High Thrust Capacity
- Dual Voltage
- Internal Water Slingers

Specifications

- Class B Insulation
- 60˚C Ambient
- 1.0 Service Factor
- 6 - Pole
- Continuous Air-Over
- 48 Frame
- Dripproof Enclosure Rating When Mounted Vertically
- Single Speed

GE by RBC

MARATHON

200-230/460 Volt single phase PSC - 1075 RPM - 48FR - With Fan Canopy

MARS NO.	GE/RBC MODEL NO.	MARATHON NO.	HP	VOLTS	FLA @ NP 230V	FLA @ NP 460V	DIAM	SHAFT CONIG	SHAFT EXT	ES-to-ES LENGTH	CAP REQD
03945	5KCP39MGU464AS	-	0.4	200-230/460	1.8	0.9	1/2"	Flat	4.60"	6.06"	10/370
03946	5KCP39NGU426BS	-	0.6	200-230/460	2.8	1.4	1/2"	Flat	4.75"	7.81"	10/370
03191✪	5KCP36PNB523S	P192	0.6	200-230/460	4.0	2.0	5/8"	Flat & Key	4.23"	8.30"	10/440
03197✪	5KCP39SNB480S	P193	0.8	200-230/460	4.0	2.0	1/2"	Flat	3.96"	10.23"	12.5/370
03198✪	5KCP39SNB481S	P194	0.8	200-230/460	4.0	2.0	5/8"	Flat & Key	4.88"	9.35"	12.5/370
03199✪	5KCP39SNB482S	P195	1.0	200-230/460	5.6	2.8	5/8"	Flat & Key	5.22"	10.66"	12.5/440
03193✪	5KCP39UNB767T	P197	1.5	200-230/460	7.8	3.9	5/8"	Flat & Key	5.26"	10.20"	25/440

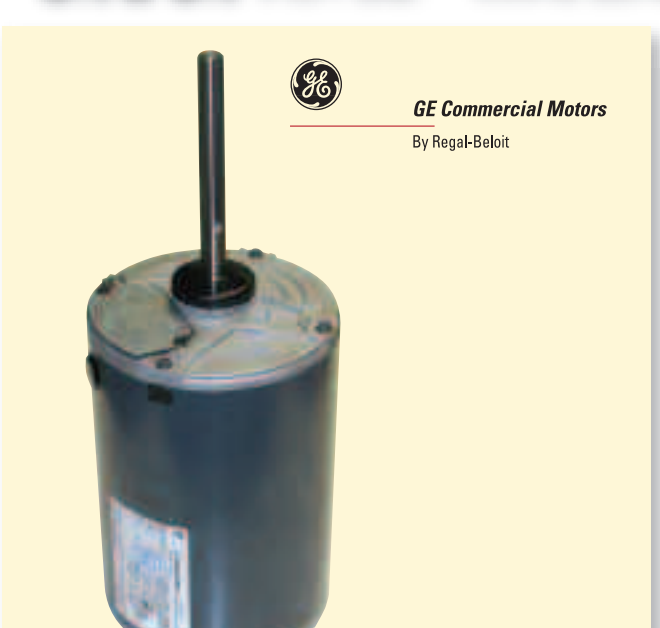
575 Volt single phase PSC - 1075 RPM - 48FR - With Fan Canopy

MARS NO.	GE/RBC MODEL NO.	MARATHON NO.	HP	VOLTS	FLA @ NP 575V	DIAM	SHAFT CONIG	SHAFT EXT	ES-to-ES LENGTH	CAP REQD
03948	5KCP39NGU468AS	-	0.6	575	1.10	1/2"	Flat	4.75"	7.81"	10/370
03192✪	5KCP39TNB763T	P196	1.0	575	2.6	5/8"	Flat & Key	5.26"	10.20"	15/440
03194✪	5KCP39UNB764T	P198	1.5	575	3.5	5/8"	Flat & Key	5.26"	10.20"	12.5/440

✪Upon depletion of stock on this item, the referenced Marathon item will be substituted.

Condenser Fan, Three Phase

5½ & 6½ inch dia. MARS SERIES 045



Commercial Condenser Fan Motors Shaft Up Application

GE Commercial Motors by Regal Beloit Corporation offers a full line of energy efficient three phase Commercial Condenser Fan Motors.

Features:

- Selected Models with Fan Canopy/Rainshield
- Reversible Rotation
- Automatic Thermal Protection
- Ball Bearings
- Conduit Box - Fan Canopy Designs
- Threaded Conduit Hole On Non-Fan Canopy Design
- Vertical Shaft Up Mount
- High Thrust Capacity
- Dual Voltage
- Internal Water Slingers

Specifications:

- Class B Insulation
- 60C Ambient
- 1.0 Service Factor
- 6 - Pole & 8 - Pole

GE by RBC

MARATHON

56 Frame 208-230/460 Volt Three Phase - 1140 RPM & 850 RPM - Without Fan Canopy

MARS NO.	GE/RBC MODEL NO.	MARATHON NO.	HP	RPM	VOLTS	FLA @ NP 230V	FLA @ NP 460V	DIAM	SHAFT CONIG	SHAFT EXT	ES-to-ES LENGTH
03187✪	5K46LN6032S	K578	1/2	1140	208-230/460	2.4	1.2	5/8"	Flat & Key	6.0"	8.77"
03188✪	5K46LN6033S	K378	3/4	1140	208-230/460	3.4	1.7	5/8"	Flat & Key	6.0"	8.77"
03189✪	5K49RN6034S	K379	1.0	1140	208-230/460	4.0	2.0	5/8"	Flat & Key	6.0"	9.90"
01482✪	5K48WN3013S	K1482	1.0	850	208-230/460	5.2	2.6	5/8"	Flat & Key	6.0"	10.65"
03190✪	5K48TN6035S	K380	1-1/2	1140	208-230/460	5.0	2.5	5/8"	Flat & Key	6.0"	10.65"
03195✪	5K49ZN6138S	K1488	2.0	1140	208-230/460	7.4	3.7	5/8"	Flat & Key	6.0"	11.85"

56 Frame 575 Volt Three Phase - 1140 RPM & 850 RPM - Without Fan Canopy

MARS NO.	GE/RBC MODEL NO.	MARATHON NO.	HP	RPM	VOLTS	FLA @ NP 575V	DIAM	SHAFT CONIG	SHAFT EXT	ES-to-ES LENGTH
01500✪	5K49MN6432S	K1500	1/2	1140	575	1.0	5/8"	Flat & Key	6.0"	9.37"
01505✪	5K46LN6428S	K1505	3/4	1140	575	1.5	5/8"	Flat & Key	6.0"	8.77"
01510✪	5K49RN6429S	K1510	1.0	1140	575	1.6	5/8"	Flat & Key	6.0"	9.90"
01511✪	5K48WN3181S	K1511	1.0	850	575	2.0	5/8"	Flat & Key	6.0"	10.65"
01515✪	5K48TN6430S	K1515	1-1/2	1140	575	2.2	5/8"	Flat & Key	6.0"	10.65"
01520✪	5K49ZN6433S	K1520	2.0	1140	575	2.5	5/8"	Flat & Key	6.0"	11.85"

48 Frame 200-230/460 Volt Three Phase - 1140 RPM - 48FR - With Fan Canopy

MARS NO.	GE/RBC MODEL NO.	MARATHON NO.	HP	RPM	VOLTS	FLA @ NP 230V	FLA @ NP 460V	DIAM	SHAFT CONIG	SHAFT EXT	ES-to-ES LENGTH
01403✪	5K36PN345S	K1403	1/2	1140	200-230/460	2.6	1.3	1/2"	Flat	4.70"	7.95"
01404✪	5K38SN267S	K1404	3/4	1140	200-230/460	3.8	1.9	5/8"	Flat & Key	5.22"	8.95"
04699	5K39SNB505S	-	1.0	1140	200-230/460	4.0	2.0	5/8"	Flat & Key	5.75"	10.20"
01407✪	5K39SNB587S	K1407	1-1/2	1120	200-230/460	5.8	2.9	5/8"	Flat & Key	5.03"	10.63"

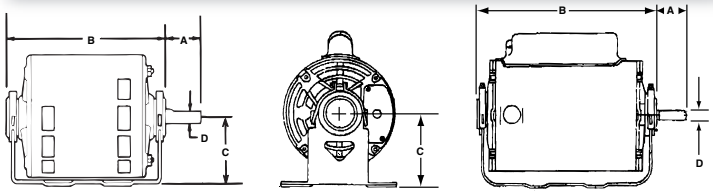
48 Frame 575 Volt Three Phase - With Fan Canopy

MARS NO.	GE/RBC MODEL NO.	MARATHON NO.	HP	RPM	VOLTS	FLA @ NP 575V	DIAM	SHAFT CONIG	SHAFT EXT	ES-to-ES LENGTH
01405✪	5K39SNB765T	K1405	3/4	1140	575	1.5	5/8"	Flat & Key	5.26"	10.20"

✪Upon depletion of stock on this item, the referenced Marathon item will be substituted.

Fan & Blower Motors - Split Phase

5½ & 6½ inch dia. MARS SERIES 045



Moderate Starting Torque Split Phase And Capacitor Start Open, Dripproof Fan And Blower Motors

GE open dripproof moderate starting torque motors are designed for industrial duty fans, blower, pumps, power tools, small compressors, farm tools and similar applications.

Features:

- moderate starting torque
- ball bearings
- 1725 rpm, reversible rotation
- resilient base mount, extended thru bolts
- dual voltage

Specifications:

- single phase, 60 Hertz
- overload protected
- continuous duty
- NEMA service factors, 40°C ambient
- class B insulation
- open, dripproof construction, NEMA 56Z frame

GE by RBC

1725 RPM - Split Phase - 4 Pole

MARS NO.	GE NO. 5KH3	MARATHON NO.	HP	VOLTS(1)	FLA	SF(1)	DIMENSIONS A	B	C	D	NEMA FRAME
04680✪	2FNC007T	4680	1/4	115/230	5.0/2.5	1.35	2.25	7.4	3.5	1/2 (2)	48Z
04682✪	5JNC006T	4682	1/3	115/230	6.2/3.1	1.35	2.35	7.9	3.5	1/2	56Z
04372✪	9QN9546B	4372	1/3	115	6.2	1.05	1.88	7.02	3.5	1/2 (3)	56Z
04684✪	6MNC005T	4684	1/2	115/230	8.9/4.5	1.25	1.88	8.92	3.5	1/2 (3)	56Z

1725 RPM - Capacitor Start - 4 Pole

MARS NO.	GE NO. 5KH3	MARATHON NO.	HP	VOLTS(1)	FLA	SF(1)	DIMENSIONS A	B	C	D	NEMA FRAME
04686✪	46LN0878X	4686	3/4	115/208-230	13.3/6.5-6.6	1.25	2.25	7.4	3.5	1/2 (4)	56Z
04871✪	46LN0875X	C1156	3/4	115/208-230	13.3/6.5-6.6	1.25	2.25	7.9	3.5	1/2 (4)	56Z
04688✪	49NN0061T	4688	1	115/208-230	13.3/6.5-6.6	1.15	2.25	7.9	3.5	1/2 (4)	56Z
04872✪	49PN0876X	C1158	1	115/208-230	14.7/7.2-7.4	1.25	2.25	7.9	3.5	1/2 (4)	56Z
04870✪	49GN0022X	C1153	1/2	115/208-230	8.6/4.1-4.3	1.25	2.25	7.9	3.5	1/2 (4)	56Z
04690✪	R49SN0150X	C1160	1-1/2	115/208-230	16.4/8.4-8.2	1.15	2.25	7.9	3.5	1/2 (4)	56Z
04692✪	R49WN029IT	C1162	2	115/208-230	22.0/10.9-11.0	1.15	2.25	7.9	3.5	1/2 (4)	56Z

MARATHON

3450 RPM - Capacitor Start - 2 Pole

MARS NO.	GE NO. 5KH3	MARATHON NO.	HP	VOLTS	FLA 115/230V	SF	DIMENSIONS A	B	C	D	NEMA FRAME
04844✪	39QN3220X	C1152	1/2	115/230	8.2/4.1	1.25	1.50	9.55	3.0	.50	48
04845✪	38NN410X	C1155	3/4	115/230	10.0/5.0	1.25	1.88	9.49	3.5	.62	56
04875✪	38NN413X	C1154	3/4	115/208-230	10.0/4.9-5.0	1.25	1.88	10.01	3.5	.50	56H
04846✪	39RN383X	C1157	1	115/230	13.4/6.7	1.25	1.88	10.02	3.5	.62	56
04847✪	49RN2152T	C1159	1-1/2	115/230	19.6/9.8	1.15	1.88	11.41	3.5	.62	56H
04848✪	R49RN2148T	C1161	2	115/230	19.6/9.8	1.20	1.88	10.01	3.5	.62	56H

(1) Also rated 100/200 volts with a 1.0 SF (2) shaft extension 2-1/4" long by 1/2" dia. (3) shaft extension 2-1/4" long by 1/2" dia. w/ 5/8" shaft adapter
(4) shaft extension 2-1/4" long by 5/8" dia.

Fan & Blower Motors - Three Phase

5½ & 6½ inch dia. MARS SERIES 045

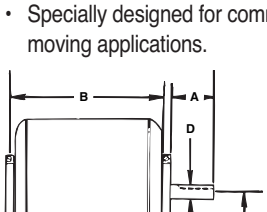
GE Commercial Motors
By Regal-Beloit

Three Phase, Dripproof Commercial Fan And Blower Motors

GE three phase commercial fan & blower motors are adaptable to a wide variety of applications. Ball bearings and NEMA service factors make these motors the best choice for tough jobs. Resilient base mounted, NEMA 56 frame. No thermal protection.

Applications:

- Specially designed for commercial fans, air handlers, ventilation fans, blowers and other belt-driven air-moving applications.



Features:

- Ball bearings
- Reversible rotation
- NEMA service factors
- Dual voltage 208-230/460

Specifications:

- No thermal protection
- Dripproof construction
- Resilient base mounted
- 60 Hertz, three phase

1725 RPM – 208-230/460 Volt – Reversible Rotation - 4 Pole

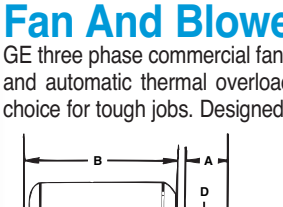
MARS NO.	GE NO. 5K	MARATHON NO.	HP	FLA 230/460V	SF	DIMENSIONS A	B	C	D	NEMA FRAME
04450*✪	46KN4085	K277	3/4	3.0/1.5	1.25	1.88	8.82	3.5	5/8	56
04452*✪	46MN4087	K278	1	3.8/1.9	1.25	1.88	9.42	3.5	5/8	56

** Limited quantities available, while supplies last.*

GE Commercial Motors
By Regal-Beloit

Three Phase, Dripproof Commercial Fan And Blower Motors

GE three phase commercial fan and blower motors are adaptable to a wide variety of applications. Ball bearings and automatic thermal overload protection coupled with NEMA service factors make these motors the right choice for tough jobs. Designed for commercial and industrial air handlers, exhaust fans and furnace fans.



Specifications:

- automatic thermal overload protection
- dripproof construction
- resilient base mounted
- 60Hz, three phase

Features:

- dual voltage
- direct and belt drive
- ball bearing
- reversible rotation
- NEMA service factors

MARS NO.	GE NO.	MARATHON NO.	HP	FLA 208-230/460V	SF	DIMENSIONS A	B	C	D	NEMA FRAME
1725 RPM - 208-230/460 Volt - Reversible - 4 Pole										
04712✪	5K42HN4089X	K1408	1/2	2.3-2.2/1.1	1.25	1.88	8.22	3.5	.62	56
04715✪	5K46KN4085X	K1410	3/4	3.3-3.0/1.5	1.25	1.88	8.92	3.5	.62	56
04716✪	5K46MN4087X	K1412	1	3.6-3.8/1.9	1.15	1.88	9.52	3.5	.62	56
04713✪	5K49PN4088X	K1415	1 1/2	5.5-5.6/2.8	1.15	1.88	10.12	3.5	.62	56H
04717✪	5KE49TN8384T	K2030	1 1/2	4.6-4.4/2.2	1.15	1.88	9.02	3.5	.88	145T
04714✪	5K49UN4086X	K1418	2	6.2-6.0/3.0	1.15	1.88	12.12	3.5	.62	56H
04718✪	5KE49UN8370T	K2040	2	6.2-5.8/2.9	1.15	1.88	12.42	3.5	.88	145T
3450 RPM - 208-230/460 Volt - Reversible - 2 Pole										
04724✪	5K37MN252X	K1409	3/4	2.6-2.6/1.3	1.25	1.88	8.92	3.5	.62	56
04726✪	5K38PN258X	K1411	1	3.3-3.2/1.6	1.25	1.88	9.52	3.5	.62	56
04727✪	5K49KN2150X	K1413	1 1/2	5.0-4.8/2.4	1.15	1.88	9.52	3.5	.62	56H
04728✪	5K49NN2147X	K1416	2	6.0/3.0	1.15	1.88	10.82	3.5	.62	56H
04729✪	5KE49UN8376T	K2037	3	8.9-8.2/4.1	1.15	1.88	12.92	3.5	.88	145T
04740(1)✪	5KE49QN8375T	K2038	5	13.0/6.5	1.00	2.25	13.15	3.5	.88	145T

(1) 230/460V

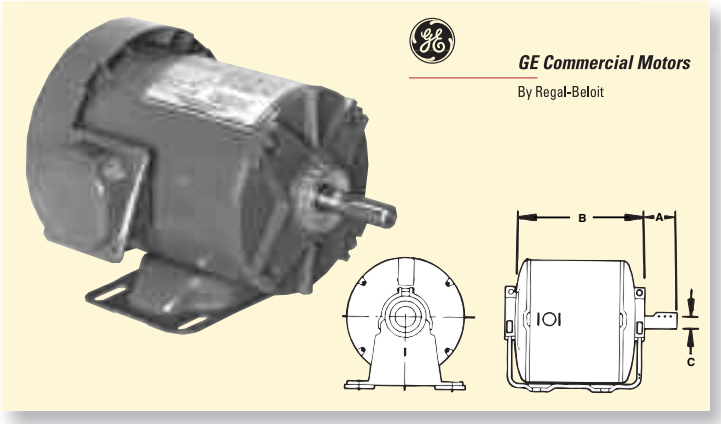
✪Upon depletion of stock on this item, the referenced Marathon item will be substituted.

GE by RBC

MARATHON

General Purpose - Three Phase

5½ & 6½ inch dia. MARS SERIES 045



Three Phase, Totally Enclosed, Fan Cooled General Purpose Motors

GE three phase totally enclosed fan cooled general purpose motors for those applications requiring moderate to high starting capabilities in dusty or dirty atmospheric areas.

Features:

- Base mounted
- NEMA service factors
- Ball bearings

Specifications:

- Totally enclosed fan cooled
- No thermal protection
- Motors rated 1800 RPM - 230/460V are usable on 200 volts at 1.0 SF and on 200/400V, 50Hz at 1.0 SF

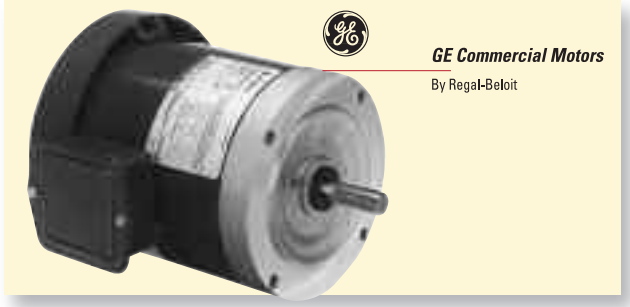
1140 RPM - 230/460 Volt - Rigid Base - 6 Pole

MARS NO.	GE NO.	MARATHON NO.	HP	FLA 230/460V	SF	DIMENSIONS A	B	C	NEMA FRAME
04900✪	5K35MN75	K321	1/4	1.4/0.7	1.00	1.88	9.05	.62	56
04771✪	5K36PN30	K155	1/3	1.8/0.9	1.00	1.88	9.52	.62	56
04748(1)✪	5K49MN6079	K159	1/2	2.6/1.3	1.00	1.88	9.55	.62	56
04751✪	5K46PN6082	K162	3/4	2.9-2.8/1.4	1.00	1.88	9.95	.62	56
04709✪	5K49UN6085	K165	1	3.6/1.8	1.00	1.88	11.19	.62	56H

(1)designed for 56H or 145T mounting

1725 RPM - 208-230/460 Volt - Rigid Base - 4 Pole

MARS NO.	GE NO.	MARATHON NO.	HP	FLA 230/460V	SF	DIMENSIONS A	B	C	NEMA FRAME
04902✪	5K49FN4136	K154	1/3	1.5-1.6/0.8	1.0	1.88	8.85	.62	56
04702✪	5K35MNB117	K158	1/2	1.8-1.8/0.9	1.0	1.88	9.02	.62	56
04703✪	5K36PNB111	K161	3/4	2.8-2.8/1.4	1.0	1.88	9.52	.62	56
04704✪	5K49MN4105	K164	1	3.6-3.8/1.9	1.0	1.88	9.72	.62	56
04705✪	5K49SN4118	K167	1 1/2	4.7-4.4/2.2	1.0	1.88	10.22	.62	56H



General Purpose 56C Frame Motors

GE general purpose 56C frame motors are designed for use on commercial and industrial pumps, centrifugal and hydraulic pumps, machine tools and other equipment requiring NEMA C-face mounting in dirty or dusty areas.

Features:

- Ball bearings
- Reverse rotation
- No overload protection
- NEMA C-face mounting

Specifications:

- Three phase
- Totally enclosed fan cooled
- End mounted

208-230/260 volts - 4 pole

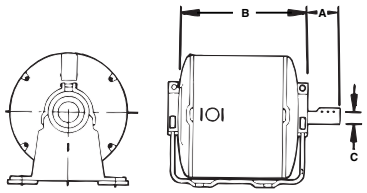
NOTE: NB = No base provided WB = Welded base

MARS NO.	GE NO. 5KH	MARATHON NO.	HP	RPM	SF	BASE	AMPS	SHAFT LENGTH	SHAFT DIA.
04910✪	49DN4130	K252	1/4	1725	1.00	NB	1.2	2”	5/8
04912✪	33JNA943	K253	1/3	1725	1.00	NB	1.6	2”	5/8
04911✪	42FN4035	K1322	1/3	1725	1.35	WB	1.6	2”	5/8
04914✪	35MNB114	K254	1/2	1725	1.25	NB	2.2	2”	5/8
04913✪	42HN4034	K1324	1/2	1725	1.25	WB	2.2	2”	5/8
04916✪	36PNB116	K255	3/4	1725	1.25	NB	2.8	2”	5/8
04915✪	49KN4124	K258	3/4	1725	1.25	WB	3.0	2”	5/8
04918✪	49MN4104	K256	1	1725	1.25	NB	3.8	2”	5/8
04917✪	49MN4110	K259	1	1725	1.25	WB	3.8	2”	5/8
04720✪	49SN4117	K257	1-1/2	1725	1.00	NB	4.4	2”	5/8
04919✪	49SN4119	K260	1-1/2	1725	1.00	WB	4.4	2”	5/8

✪Upon depletion of stock on this item, the referenced Marathon item will be substituted.

General Purpose - Three Phase

5½ & 6½ inch dia. MARS SERIES 045



Three Phase, Totally Enclosed, Fan Cooled General Purpose Motors

GE three phase totally enclosed fan cooled general purpose motors for those applications requiring moderate to high starting capabilities in dusty or dirty atmospheric areas.

Features:

- Base mounted
- NEMA service factors
- Ball bearings

Specifications:

- Totally enclosed fan cooled
- No thermal protection
- Motors rated 1800 RPM - 230/460V are usable on 200 volts at 1.0 SF and on 200/400V, 50Hz at 1.0 SF

GE by RBC

MARATHON

1800 RPM - 230/460 Volt - Rigid Base - 4 Pole

MARS NO.	GE NO.	HP	FLA 230/460V	SF	DIMENSIONS A	B	C	NEMA FRAME
04978(1)	5KE143BC205	1	2.9/1.45	1.15	2.25	9.80	.88	143T
04979(1)	5KE145BC202	1.5	4.1/2.05	1.15	2.25	10.80	.88	145T
04980(1)	5KE145BC205	2	5.5/2.75	1.15	2.25	10.80	.88	145T
04981(1)	5KE182BC205	3	7.6/3.8	1.15	2.75	11.65	1.12	182T
04833*	5K182BD205	3	12.4/6.2	1.15	1.88	12.95	1.12	182T
04835	5KE184BC205	5	13.0/6.5	1.15	1.88	12.95	1.12	184T
04984(1)(2)	5KE215BC205	10	23.81/11.9	1.15	3.38	15.87	1.38	215T
04985(1)(2)	5KE254BC205	15	34.8/17.4	1.15	4.00	19.08	1.62	254T

(1) cast iron (2) y-start / ▲Run capable

* Limited quantities available, while supplies last.

3450 RPM - 208-230 Volt - Rigid Base - 2 Pole

MARS NO.	GE NO.	MARATHON NO.	HP	FLA 230/460V	SF	DIMENSIONS A	B	C	NEMA FRAME
04840✪	5K33FN30	K153	1/3	1.5-1.8/0.9	1.00	1.15	8.70	.50	48
04906✪	5K37NN30	K160	3/4	2.6-2.5/1.3	1.00	1.88	9.88	.62	56
04841✪	5K38RN30	K163	1	3.2-3.0/1.5	1.00	1.88	10.48	.62	56
04749✪	5K46KN2175	K166	1-1/2	5.0-4.8/2.4	1.15	1.88	9.95	.62	56

✪Upon depletion of stock on this item, the referenced Marathon item will be substituted.

Three Phase General Purpose Dripproof, Rigid Base Mount Motors

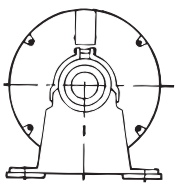
GE general purpose three phase motors are suitable for a variety of applications including commercial refrigeration compressors, water pumps, air compressors, and other hard starting applications requiring three phase general purpose motors. No thermal protection.

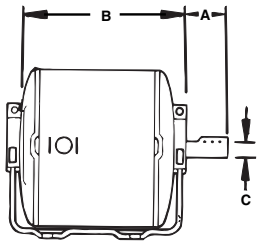
Features:

- Ball bearings
- Dual voltage 208/230/460
- NEMA service factors

Specifications:

- Rigid base mounted
- 60 Hertz, three phase
- Motors rated at 200-230/460 volts with 1.15 S.F. are useable at 200 volts at 1.0 service factor





1725 RPM – 208-230/460 Volt - Reversible Rotation - 4 Pole

MARS NO.	GE NO. 5K	MARATHON NO.	HP	FLA 208/230/460V	SF	DIMENSIONS A	B	C	NEMA FRAME
04470✪	33GN2	MK111■	1/4	1.3-1.4/0.7	1.35	1.50	7.37	.50	48
04770✪	35JN198	K527	1/3	1.5-1.6/0.8	1.35	1.50	7.75	.50	48
04797✪	42HN4731	K116	1/2	2.3-2.2/1.1	1.25	1.88	8.17	.62	56
04789✪	46KN4729	K119	3/4	3.3/3.0/1.5	1.25	1.88	9.02	.62	56
04796✪	46MN4730	K122	1	3.6/3.8/1.9	1.25	1.88	9.02	.62	56
04814✪	E49TN8359A	K2006	1-1/2	4.6-4.4/2.2	1.15	2.25	9.45	.88	145T
04723✪	49PN4728	K125	1-1/2	5.8/5.6/2.8	1.15	1.88	9.50	.62	56H
04827(1)*	182AB205	-	3	8.6/4.3	1.15	2.75	10.90	1.12	182T
04975(2)(3)(4)	E184AC205B	-	5	12.6/6.3	1.15	2.75	11.05	1.12	184T
04976(2)(3)(4)(5)(6)	E213AC205B	-	7.5	18.6/9.3	1.15	3.38	12.30	1.38	213T

(1) 1800 rpm - 200/230/460V (2) 1800rpm-230/460V (3) cast iron (4) usable on 200 volts @1.0 SF (5) usable on 200/400V, 50Hz @ 1.0 SF
(6) Y-Start / ▲Run capable

* Limited quantities available, while supplies last.

3450 RPM – 230/460 Volt - Reversible Rotation - 2 Pole

MARS NO.	GE NO. 5K	MARATHON NO.	HP	FLA 208/230/460V	SF	DIMENSIONS A	B	C	NEMA FRAME
04462✪	38PN2	K121	1	3.3/3.2/1.6	1.25	1.88	9.42	.62	56
04466✪	49NN2183	K126	2	6.0/3.0	1.15	1.88	10.82	.62	56

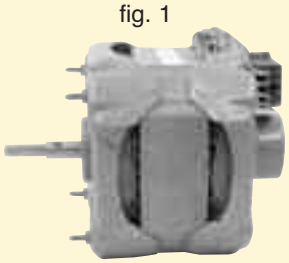
✪Upon depletion of stock on this item, the referenced Marathon item will be substituted.

■ Please note MARS has added an "M" to the front of this item.

Appliance Motors

MARS SERIES **040**

fig. 1



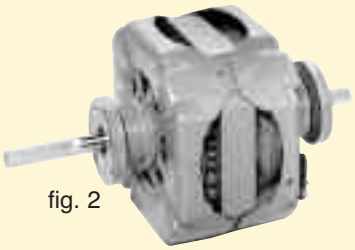


fig. 2

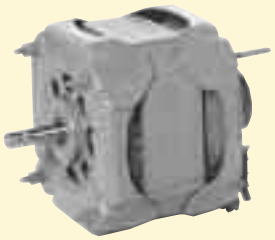


fig. 3

GE Commercial Motors

By Regal-Beloit

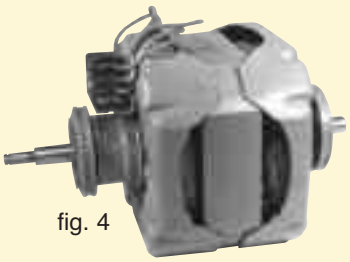


fig. 4

GE by RBC

Appliance Motors

These GE appliance motors are designed for replacement of motors formerly built and supplied in Canada.

Features:

- Reversible rotation

Specifications:

- Thermally protected
- 60 Hertz
- CSA

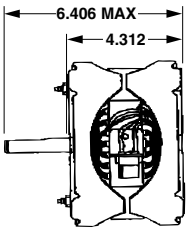


fig. 1

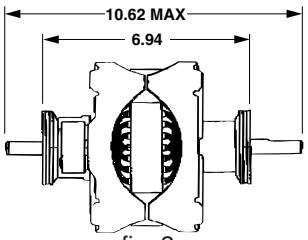


fig. 2

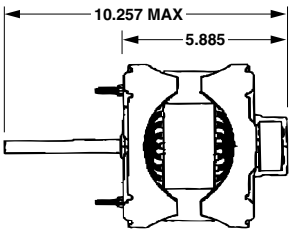


fig. 3

Franklin

MARS NO.	GE NO. 5KH	HP	VOLTS	AMPS	RPM/ SPEEDS	ROT OSE	REPLACES OEM PART NO.	APPLICATION	FIG. NO.
09007*	41LT25S	1/3	115	6.4	1725/1	REV	77171-2, 78115,E; 78394,E; 5KH41KT43S	auto washer	1

Frigidaire

MARS NO.	GE NO. 5KH	HP	VOLTS	AMPS	RPM/ SPEEDS	ROT OSE	REPLACES OEM PART NO.	APPLICATION	FIG. NO.
04214*	46CT105S	1/4	115	5.4	1725/1	CW	5KH46CT44S, 44AS, 100S, 9957037	dryer	2

Norge-Montgomery Ward

MARS NO.	GE NO.	HP	VOLTS	AMPS	RPM/ SPEEDS	ROT OSE	REPLACES OEM PART NO.	APPLICATION	FIG. NO.
04007*	5KH41LT15S	3/4	115	8.5	1725/2	REV	33-6122, 33-6885, 33-6986, 33-7034, 33-7323, 33-7324	2-speed washer	3
04017*	5KC40HT15S	1/2	115	7.4	1725/1	REV	63-2605, 63-3832, 63-4143, 63-4162, 63-4198, 63-4204, 63-4466, 63-4657, 63-4659	dryer	4

** Limited quantities available, while supplies last.*

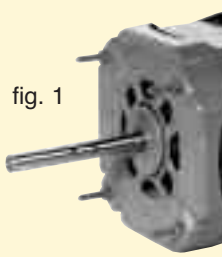


fig. 1

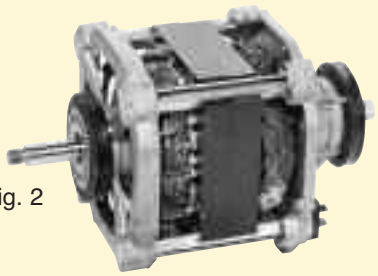


fig. 2

GE Commercial Motors
By Regal-Beloit

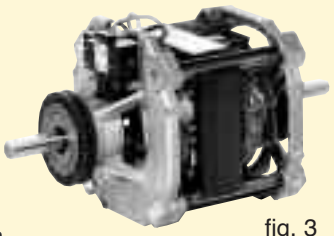


fig. 3

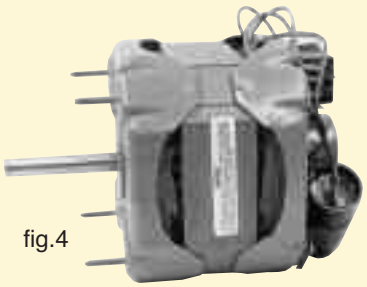


fig.4

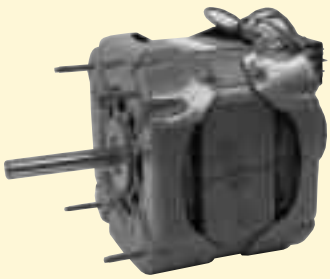


fig.5

Appliance Motors

These GE appliance motors are designed for replacement of motors formerly built and supplied in Canada.

Features:

- Reversible rotation

Specifications:

- Thermally protected
- 60 Hertz
- CSA

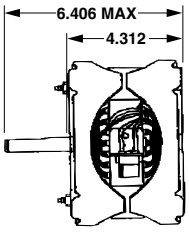


fig. 1

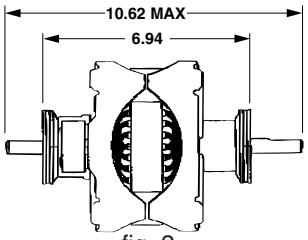


fig. 2

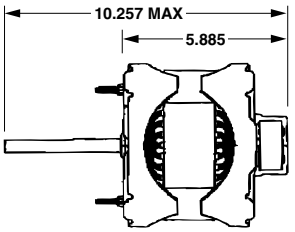


fig. 3

Speed Queen

MARS NO.	GE NO. 5KH	HP	VOLTS	AMPS	RPM/ SPEEDS	ROT OSE	REPLACES OEM PART NO.	APPLICATION	FIG. NO.
04105*	23JV10S	1/4	115	5.4	1725/1	CW	52697	dryer	1
04121*	41KT35S	1/2	115	8.7	1725/2	REV	24723, 26068, 26069,	2-speed washer	2
04213*	26JV24S	1/4	115	5.8	1725/1	CW	56075, 5KH26JV14S, 23S	dryer	3

Westinghouse

MARS NO.	GE NO.	HP	VOLTS	AMPS	RPM/ SPEEDS	ROT OSE	REPLACES OEM PART NO.	APPLICATION	FIG. NO.
09019*	5KC41MT6S	1/2	115	8.5	1725/2	REV	Q164671	2-speed washer	4

Whirlpool - Kenmore - Sears

MARS NO.	GE NO.	HP	VOLTS	AMPS	RPM/ SPEEDS	ROT OSE	REPLACES OEM PART NO.	APPLICATION	FIG. NO.
04021*	5KC41KT41S	1/2	115	8.7	1725/2	CCW	replaces 04061 & 04091 for low voltage conditions	2-speed washer	5

Speed Queen

MARS NO.	GE NO. 5KH	HP	VOLTS	AMPS	RPM/ SPEEDS	ROT OSE	REPLACES OEM PART NO.	APPLICATION	FIG. NO.
04004*	41KT100S	1/2	115	8.7/8.0	1725/1140 2 speed	REV	4J764DX - supplied with pulley	washer	2

** Limited quantities available, while supplies last.*

fig. 1

Replacement Switch For GE Appliance Motors

Replace worn and broken starting switches in GE form R, T, and V appliance motors. Connection instructions packed with each switch.

MARS NO.	GE NO.	REPLACES SWITCH NOS.	APPLICATION	FIG. NO.
08386	61A100102AJ	61A100102AA, AB, AC, AE, AF, AG, AH, AJ	form V dryer motors universal replacement for form T dryer	3

Cross Reference For Motor Switches By Motor Model Number

GE MOTOR MODEL NO.	MARS REPLACEMENT SWITCH NO
5KC40HT10S	**08386**
5KC40HT12S	**08386**
5KC40HT14S	**08386**
5KH40CT30S	**08386**
5KH40CT40S	**08386**
5KH40CT47S	**08386**
5KH41AT19S	**08386**
5KH41AT20S	**08386**

GE MOTOR MODEL NO.	MARS REPLACEMENT SWITCH NO
5KH44WT2S	**08386**
5KH44WT7S	**08386**
5KH44WT8S	**08386**
5KH44WT12S	**08386**
5KH45BT10S	**08386**
5KH45BT13S	**08386**
5KH45CT19S	**08386**
5KH45XT9AS	**08386**
5KH45XT10S	**08386**

GE MOTOR MODEL NO.	MARS REPLACEMENT SWITCH NO
5KH45XT15S	**08386**
5KH45XT16S	**08386**
5KH46CT11S	**08386**
5KH46CT24S	**08386**
5KH46CT25S	**08386**
5KH46CT37S	**08386**
5KH46CT46S	**08386**
5KH46DT44S	**08386**
5KH46ET12AS	**08386**

GE MOTOR MODEL NO.	MARS REPLACEMENT SWITCH NO
5KH46ET17S	**08386**
5KH46GT4S	**08386**
5KH46GT6S	**08386**

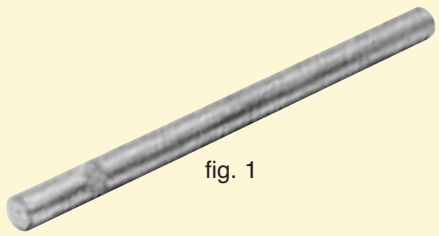
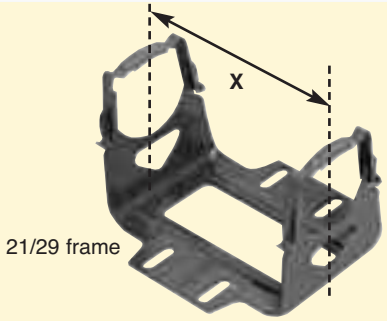


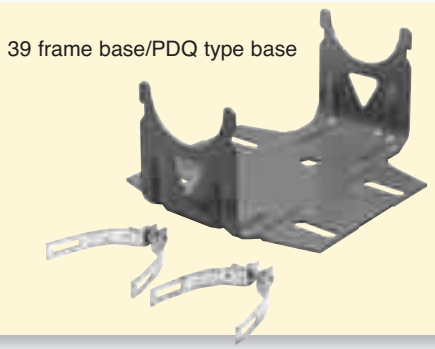
fig. 1

Shaft Adapters, Extensions, Couplings, And Bushings

MARS NO.	PAK QUAN.	DESCRIPTION	FIG. NO.
08113*	5 pieces	1/4 in. x 3 in. shaft extension with flat	1
08115*	5 pieces	5/16 in. x 3 in. shaft extension with flat	1

** Limited quantities available, while supplies last.*





Motor Mounting Bases

Designed for use with GE motors. Bases include clips.

Mounting Bases

MARS NO.	FOR USE ON	GE NO.	SHAFT HEIGHT	X DIMENSION
08076	21/29 frame motors on page M–36	901AA6	2 5/8	6.44/6.32
08077	21/29 frame motors on page M–36	901AA7	2 5/8	6.72/6.55
08052	39 frame motors	920AB2	3 1/2	3.98/4.14
08053	39 frame motors	920AB3	3 1/2	4.23/4.39
08054	39 frame motors	920AB4	3 1/2	4.48/4.64
08055	39 frame motors	920AB5	3 1/2	4.73/4.89
08056	39 frame motors	920AB6	3 1/2	4.98/5.14
08057	39 frame motors	920AB7	3 1/2	5.23/5.39
08058	39 frame motors	920AB8	3 1/2	5.48/5.64
08059	39 frame motors	920AB9	3 1/2	6.48/6.64
08060	39 frame motors	920AB10	3 1/2	5.98/6.14
08062	PDQ motors - 48 frame	161L113AA2	3	—

Mounting Accessories

MARS NO.	USED ON	DESCRIPTION	PAK QUAN.
08099	51 frame cast iron motors	vibration dampener	24 pieces
08092	11 frame motors	clips for 11 frame motor bases	10 pieces
08096	39 frame	clips for 39 frame motor bases	10 pieces
08103	21/29 and 39 frame motors	2 1/2 in. unbonded resilient ring	10 pieces
08031	21/29 and 39 frame motors	split rings to convert 2 1/4 in. to 2 1/2 in. rings	20 pieces
08105	21/29 and 39 frame motors	2 1/4 in. bonded resilient ring	20 pieces

Accessories

MARS SERIES **950**

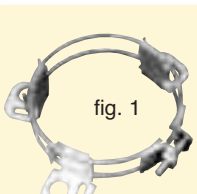


fig. 1

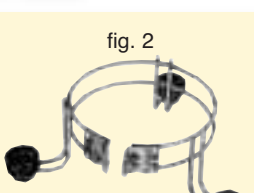


fig. 2

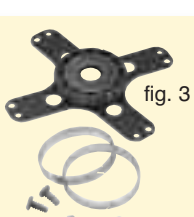
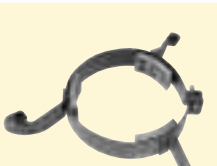


fig. 3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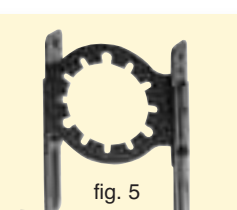
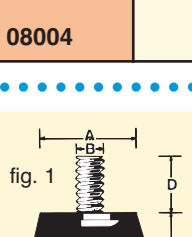
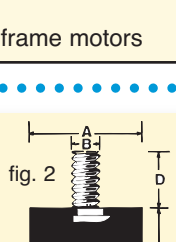


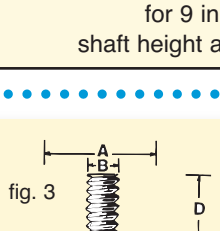
fig. 5

Mounting Brackets

MARS NO.	USED ON	DESCRIPTION	FIG. NO.
08020	39 frame, 5 1/2 in. diam. motors	adj. lug mounting bracket fits triangular bolt patterns of 6 1/8 in. to 6 9/16 in. bolt to bolt (1/4 in. x 7/8 in. and 3/4 in. x 1 3/8 in. knockouts)	1
08021	5 1/2 in. fixed motor mtg. bracket with grommets	for mounting blower motor with large wheel opening	2
08024	5 in. fixed motor mtg. bracket with grommets	fits any 5" dia. motor	2
08095	39 frame, 5 1/2 in. diam. motors	mounting adapter kit for base mounting 5 1/2 in. diameter motors with flat end shields	3
08049	29 and 39 frame motors	Torsion-Flex mounting adapter kit for 9 in. and 10 in. blowers	4
08004	51 frame motors	shaft height adjustable 4 1/8 in. to 5 3/8 in.	5

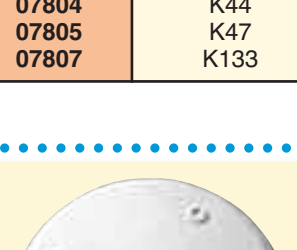






Vibration Insulators

MARS NO.	MFR. NO.	DIMENSIONS A	B	C	D	E	THD.	MAX. LOAD IN POUNDS COMPRESSION	SHEAR	FIG. NO.
07801	K30	1 3/16	5/16	1 5/8	5/8	1 1/2	18	60	–	1
07802	K33	1 3/8	5/16	1 5/8	5/8	1.0	18	100	–	1
07804	K44	1.0	5/16	1.0	5/8	–	18	40	10	2
07805	K47	1.0	1/4	3/4	1/2	–	20	50	10	2
07807	K133	1 3/8	5/16	1 5/8	5/8	1.0	18	100	–	3



Plastic Rain Shields

MARS NO.	DESCRIPTION	MARS PACK
93581	6 3/4 in. diameter for motors with 1/2 in. diameter shaft	1 piece
93582	6 3/4 in. diameter for motors with 5/8 in. diameter shaft	1 piece

ECM Motor Accessories

MARS SERIES 950

08552

08553

ECM Protectors

Saves Equipment

ECM protectors plug into existing motor connectors or plugs. They help to protect these valuable motors from voltage spikes, surges, and transients that often damage them.

Fast Installation

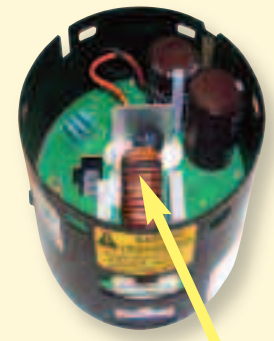
These protectors simply plug in between the motor connector and the existing wiring harness.

A ground strap with a ring terminal is provided for additional protection.

Protect Your Investment

The most common cause of ECM motor failure is damage to the electronics module as a result of poorly conditioned incoming power.

MARS NO.	USED ON	MARS PACK
08552	GE X-13 ECM	1
08553	OEM ECM Applications	1



ECM Repair Kit

Repairs many ECM motor modules that have been damaged by voltage problems and power surges

- Full instructions included in kit
- Kit includes **OCPD** device and helpful circuit board releaser tool
- Using the kit requires a soldering gun or iron and rosin core solder

ECM's have *Over Current Protection Devices that are designed to keep excessive power from damaging other system components. Frequently, only this part needs replacement to restore an expensive ECM to an operation condition.

Not every ECM module can be repaired. Because of this, the repair kit is not guaranteed to fix every motor-but because of the motor's high cost vs. the repair kit's low cost- it's often worth the effort.

MARS NO.	DESCRIPTION	MARS PACK
08551	ECM Repair Kit	1

Variable Speed Zebra

Complete diagnostics for systems where an ECM motor is not working properly

Uses simple-to-operate microprocessor controlled tests to:

- accurately diagnose exactly which component has failed in a variable speed system that is not working correctly
- assist in system setup by reporting CFM airflow and motor RPM as room vents and other controls are adjusted
- allows easy adjustment of all available settings and options on ECM blower motors to obtain maximum customer comfort

MARS NO.	DESCRIPTION	MARS PACK
08550	ECM Diagnostic System	1

Universal Zebra

A tool designed to troubleshoot every ECM motor in HVAC/R systems!

- Three 3-position switches test up to 6 speeds
- LED's indicate power and signals being sent
- Rugged case protects your tools & leads

Adapters for Universal Zebra

- Adapters quickly plug into motor and Universal Zebra
- Magnetic reference cards show what each switch does & what each LED means for that motor

MARS NO.	DESCRIPTION	MARS PACK
08554	ECM Diagnostic System	1

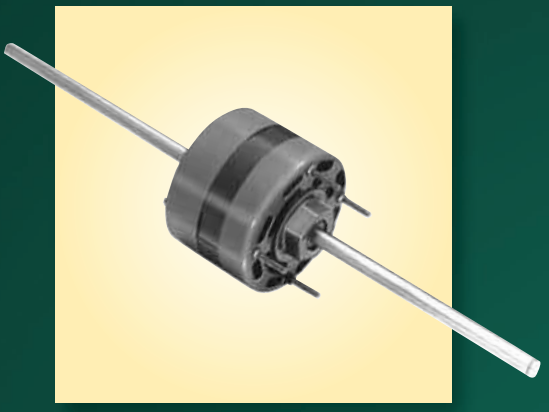
MARS #

08555 **Adapter "A" –** for GE 2.0 & 2.3 ECM's
08556 **Adapter "B" –** for Genteq 3.0 ECM's
08557 **Adapter "C" –** for X-13 & X-mtr ECM's
08558 **Adapter "E" –** for ECM 142 & Signal Select ECM's
08559 **Adapter "F" –** for Evergreen IM
08560 **24" Main Harness for Universal Zebra** *(Extension or Replacement)*

NOTES

FASCO

Section



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D724	19.1	F-11, F-41
D725	12.0	F-9, F-41, F-64
D726	19.0	F-11, F-41, F-64
D727	13.2	F-9, F-41, F-64
D728	18.2	F-11, F-41, F-64
D729	18.1	F-11, F-41, F-64
D730	19.5	F-11, F-41, F-64
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D785	15.7	F-10, F-43, F-64
D786	18.3	F-11, F-43, F-64
D787	13.0	F-10, F-43, F-64
D788	15.6	F-11, F-43, F-64
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D961	20.0	F-11, F-40
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D967	20.0	F-11, F-39, F-64
D968	20.0	F-11, F-39, F-64
D970	18.4	F-11, F-42, F-64
D971	14.5	F-10, F-42, F-64
D972	12.7	F-9, F-42, F-64
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D974	16.8	F-10, F-42, F-64
D975	11.3	F-8, F-42, F-64
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FASCO Motor Scope Selection Guide

The Motor Scope has been developed to help identify all the possible solutions for applications requiring replacement motors. The motors in this guide are first grouped by motor type. Within these types, the models are then sorted by Diameter, HP and Volts.
Simply select all the possible models using these specifications to get a preliminary list of models. Next, refer to the catalog pages where these models appear to determine the best choice.

3 PHASE - 56 FRAME

FASCO MODEL#	DIA.	HP	VOLTS	RPM	SPD.	AMPS	ENCLOSURE	ROT.	BRNG.	SHAFT DIM.
D6622		1/3	208-230 / 460	1725	1	1.6-.8	Open Drip Proof	REV	BALL	5/8 X 2
D6624		1/2	208-230 / 460	1725	1	2-1	Open Drip Proof	REV	BALL	5/8 X 2
D6626		3/4	208-230 / 460	1725	1	2.8-1.4	Open Drip Proof	REV	BALL	5/8 X 2
D6628		1	208-230 / 460	1725	1	3.4-1.7	Open Drip Proof	REV	BALL	5/8 X 2
D6630		1.5	208-230 / 460	1725	1	4.6-2.3	Open Drip Proof	REV	BALL	5/8 X 2
D6631		2	208-230 / 460	1725	1	6.2-3.1	Open Drip Proof	REV	BALL	5/8 X 2
D6633		3	208-230 / 460	1725	1	8-4	Open Drip Proof	REV	BALL	7/8 X 2-3/8
D6608	6.58	1	208-230 / 460	1140	1	4-2	Open Vent.	REV	BALL	5/8 X 3-3/4
D6610	6.58	1.5	208-230 / 460	1140	1	5.6-2.8	Open Vent.	REV	BALL	5/8 X 3-3/4

CAPACITOR START - 56 FRAME

FASCO MODEL#	HP	VOLTS	RPM	SPD.	AMPS	ENCLOSURE	ROT.	BRNG.	SHAFT DIM.
D6082	1/3	115 / 208-230	1725	1	6.2-3.1	Open Drip Proof	REV	BALL	5/8 X 2
D6084	1/2	115 / 208-230	1725	1	8.8-4.4	Open Drip Proof	REV	BALL	5/8 X 2
D6066	3/4	115 / 208-230	3450	1	9.6-4.8	Open Drip Proof	REV	BALL	5/8 X 2
D6086	3/4	115 / 208-230	1725	1	10.8-5.4	Open Drip Proof	REV	BALL	5/8 X 2
D6068	1	115 / 208-230	3450	1	12-6	Open Drip Proof	REV	BALL	5/8 X 2
D6088	1	115 / 208-230	1725	1	12.8-6.4	Open Drip Proof	REV	BALL	5/8 X 2
D6070	1.5	115 / 208-230	3450	1	17.2-8.6	Open Drip Proof	REV	BALL	5/8 X 2
D6090	1.5	115 / 208-230	1725	1	14.4-7.2	Open Drip Proof	REV	BALL	5/8 X 2
D6073	2	115 / 208-230	3450	1	24-12	Open Drip Proof	REV	BALL	5/8 X 2
D6093	2	115 / 208-230	1725	1	20-10	Open Drip Proof	REV	BALL	5/8 X 2

PERMANENT SPLIT CAPACITOR MOTORS - 3.3"DIAMETER

FASCO MODEL#	DIA.	HP	VOLTS	RPM	SPD.	AMPS	ENCLOSURE	ROT.	BRNG.	SHAFT DIM.
D1144	3.3	1/25-1/35-1/65	115	1200	3	1.1-.9-.6	Open Vent.	CW	SLV	3/8 X 5-3/8
D1243	3.3	1/20	115	1550	1	0.8	Open Vent.	CCW	SLV	5/16 X 2-3/4
D1102	3.3	1/20	115 / 230	1550	1	.75-.4	Open Vent.	CW	SLV	5/16 X 2-5/8
D1245	3.3	1/20	230	1550	1	0.4	Open Vent.	CCW	SLV	5/16 X 2-3/4
D1186	3.3	1/16	460	3450	1	0.3	Open Vent.	CCW	BALL	5/16 X 3-1/3
D1184	3.3	1/16	460	3450	1	0.3	Open Vent.	CCW	BALL	5/16 X 3-1/3
D323	3.3	1/15-1/20-1/35	115	1550	3	1-.8-.6	Tot. Encl.	DS	SLV	2-3/4 X 5/16 X 2-3/4
D1141	3.3	1/15-1/25-1/35	115	1000	3	1.3-1.1-0.9	Open Vent.	DS	SLV	5-5/8 X 3/8 X 5-5/8
D1176	3.3	1/15-1/25	115	1550	2	1-.8	Tot. Encl.	DS	SLV	4-7/8 X 3/8 X 4-7/8
D1127	3.3	1/12-1/15-1/20	115/230	1550	1	1.1/0.6	Open Vent.	REV	SLV	5/16 X 3
D1125	3.3	1/12	208-230	1500	1	0.4	Open Vent.	CCW	SLV	5/16 X 2-5/8
D1140	3.3	1/10-1/12-1/15	115	1500	3	2.2-2-1.7	Open Vent.	DS	SLV	5-5/8 X 3/8 X 5-5/8
D326	3.3	1/10-1/20-1/25	115	1550	3	2.2-1.8-1.5	Open Vent.	DS	BALL	5-1/2 X 5/16 X 3
D405	3.3	1/10	115	3000	1	1.4	Open Vent.	REV	BALL	5/15 X 3-1/4
D410	3.3	1/10	115	3000	1	1.5	Open Vent.	REV	BALL	1/4 X 3-3/4
D404	3.3	1/10	208-230	3000	1	0.8	Tot. Encl.	REV	BALL	5/16 X 3-1/4
D503	3.3	1/10	230	1500	1	0.95	Open Vent.	REV	SLV	5/16 X 3-3/4
D412	3.3	1/9	230	3000	1	0.7	Open Vent.	REV	BALL	1/4 X 3-3/4
D218	3.91	1/20	115	3000	1	0.8	Tot. Encl.	REV	BALL	5/16 X 2-1/4
D219	3.91	1/8	115	3000	1	1.8	Tot. Encl.	REV	BALL	5/16 X 2-1/4
D504	3.91	1/8	115 / 230	1500	1	1.6-.8	Open Vent.	REV	SLV	5/16 X 3-1/2

FASCO Motor Scope Selection Guide

PERMANENT SPLIT CAPACITOR MOTORS - 5" AND 5.6" DIAMETER

FASCO MODEL#	DIA.	HP	VOLTS	RPM	SPD.	AMPS	ENCLOSURE	ROT.	BRNG.	SHAFT DIM.
D382	5	1/25-1/40-1/50	115	1550	3	.6-.4-.3	Open Vent.	DS	SLV	6-7/8 X 1/2 X 6-7/8
D277	5	1/10-1/12-1/20	277	1050	3	.7-.5-.4	Open Vent.	DS	SLV	8-1/2 X 1/2 X 8-1/2
D292	5	1/10-1/15-1/25-1/35	208-230	1050	4	1-.7-.4-.3	Open Vent.	DS	SLV	10-3/4 X 1/2 X 10-3/4
D290	5	1/10-1/15-1/25-1/40	115	1050	4	2.2-1.4-1-.7	Open Vent.	REV	SLV	1/2 X 8-1/2
D291	5	1/10-1/15-1/25-1/40	115	1050	4	2.2-1.4-1-.7	Open Vent.	DS	SLV	10-3/4 X 1/2 X 10-3/4
D294	5	1/10-1/20-1/25-1/35-1/50	115	1050	5	1.3-1-.7-.6-.5	Open Vent.	DS	SLV	10-3/4 X 3/8 X 10-3/4
D486	5	1/10	115 / 208-230	1550	1	2.5-1.3	Open Vent.	REV	SLV	3/8 X 3-1/8
D347	5	1/8-1/10-1/15-1/20	115	1550	4	2.3-1.6-.7	Open Vent.	DS	SLV	10-1/2 X 1/2 X 10-1/2
D261	5	1/8-1/15	115	1075	2	2.3-1.1	Tot. Encl.	REV	SLV	1/2 X 3
D1050	5	1/8	230	1550	1	1.1	Tot. Encl.	CW	SLV	1/2 X 3
D264	5	1/8	230	1550	1	1.1	Open Vent.	REV	SLV	1/2 X 5
D354	5	1/6-1/10-1/20	115	1050	3	2.8-1.8-1.0	Open Vent.	DS	SLV	8-1/2 X 1/2 X 8-1/2
D221	5	1/6-1/8-1/10-1/12	115	1550	4	3.2-1.7-1.3-1	Open Vent.	DS	SLV	8 X 1/2 X 8
D247	5	1/6-1/8-1/12	230	1550	3	1-.7-.5	Open Vent.	DS	SLV	8 X 1/2 X 8
D260	5	1/6	115	1075	1	2.9	Tot. Encl.	CW	SLV	1/2 X 3
D258	5	1/5-1/10	208-230	1550	2	2.8-1.3	Open Vent.	DS	SLV	8 X 1/2 X 8
D262	5	1/5	230	925	1	2.3	Open Vent.	REV	SLV	1/2 X 4
D152	5	1/4-1/5-1/6-1/8	277	1050	4	1.6-1.1-.9-.7	Open Vent.	REV	SLV	1/2 X 6
D150	5	1/4-1/5-1/6	115	1050	3	4.1-3.2-2.5	Open Vent.	REV	SLV	1/2 X 6
D151	5	1/4-1/5-1/6	230	1050	3	1.7-1.2-1.0	Open Vent.	REV	SLV	1/2 X 6
D245	5	1/3-1/5	230	1050	2	2.9-1.7	Open Vent.	DS	SLV	8 X 1/2 X 8
D1025	5	1/3	208-230	1625	1	2.3	Open Vent.	DS	SLV	7-1/8 X 1/2 X 7-1/4
D488	5.1	1/20	115 / 208-230	1550	1	1.2-.6	Open Vent.	REV	SLV	3/8 X 3-1/3
D489	5.1	1/15	115 / 208-230	1550	1	1.2-.6	Open Vent.	REV	SLV	3/8 X 3-1/3
D1005	5.1	1/10-1/15	460	1075	2	.5-.3	Open Vent.	DS	SLV	9-5/8 X 1/2 X 9-5/8
D487	5.1	1/10	115 / 208-230	1550	1	2.7-1.4	Open Vent.	REV	SLV	3/8 X 3-1/8
D497	5.1	1/10	115 / 208-230	1050	1	2.0-1.0	Open Vent.	REV	BALL	3/8 X 3-1/8
D474	5.1	1/10	115 / 208-230	1550	1	1.9-1.0	Open Vent.	REV	SLV	3/8 X 3-1/3

3 PHASE - 5.6"DIAMETER

FASCO MODEL#	HP	VOLTS	RPM	SPD.	AMPS	ENCLOSURE	ROT.	BRNG.	SHAFT DIM.
D2720	3/4	200-230	1140	1	3.0	Open Vent.	REV	BALL	5/8 X 5-7/8 KEYED
D2721	3/4	460	1140	1	1.5	Open Vent.	REV	BALL	5/8 X 5-7/8 KEYED

PERMANENT SPLIT CAPACITOR MOTORS - 5.6"DIAMETER

FASCO MODEL#	HP	VOLTS	RPM	SPD.	AMPS	ENCLOSURE	ROT.	BRNG.	SHAFT DIM.
D750	1/8-1/10-1/12	208-230	1075	3	.9-.6-.5	Open Vent.	DS	SLV	7-1/2 X 1/2 X 9
D751	1/8-1/10-1/15	115	1075	3	2.3-1.5-1.1	Open Vent.	DS	SLV	7-1/2 X 1/2 X 9
D5459	1/8-1/6	208-230	1075	1	1.0	Tot. Encl.	REV	SLV	1/2 X 6-3/4
D799	1/8	208-230	825	1	0.9	Tot. Encl.	REV	SLV	1/2 X 6
D919	1/8	208-230	1075	1	0.9	Tot. Encl.	REV	SLV	1/2 X 6-1/2
D975	1/6-1/10-1/12	277	1075	3	.9-.4-.3	Open Vent.	REV	SLV	1/2 X 5-1/2
D928	1/6-1/8-1/10	115	1075	3	2.7-2.1-1.7	Open Vent.	REV	SLV	1/2 X 5-1/4
D754	1/6-1/8-1/10	115	1075	3	2.7-2.1-1.7	Open Vent.	DS	SLV	7-1/2 X 1/2 X 9
D927	1/6-1/8-1/10	208-230	1075	3	1.4-.9-.5	Open Vent.	REV	SLV	1/2 X 6
D752	1/6-1/8-1/10	208-230	1075	3	1.4-.9-.5	Open Vent.	DS	SLV	7-1/2 X 1/2 X 9
D3775	1/6-1/8-1/10	230	1350	3	.8-.6-.5	Tot. Encl.	DS	SLV	7-3/4 X 1/2 X 7-3/4
D3752	1/6-1/8-1/10	230	900	3	1.2-.8-.6	Tot. Encl.	DS	SLV	7-1/2 X 1/2 X 7-1/2
D979	1/6-1/8-1/10	277	1075	3	.9-.7-.6	Open Vent.	DS	SLV	7-7/8 X 1/2 X 8-1/4
D733	1/6-1/8	115	1075	2	2.5-1.8	Tot. Encl.	REV	BALL	1/2 X 4-1/2
D905	1/6-1/8	208-230	1075	2	1.2-.9	Tot. Encl.	REV	SLV	1/2 X 6-1/2
D736	1/6	115	1625	1	2	Tot. Encl.	REV	BALL	1/2 X 3-1/4
D834	1/6	115	1075	1	2.7	Tot. Encl.	CW	BALL	1/2 X 3
D793	1/6	208-230	825	1	1	Tot. Encl.	REV	BALL	1/2 X 6
D798	1/6	208-230	825	1	1.3	Tot. Encl.	REV	SLV	1/2 X 6

FASCO Motor Scope Selection Guide

PERMANENT SPLIT CAPACITOR MOTORS - 5.6"DIAMETER (cont.)

FASCO MODEL#	HP	VOLTS	RPM	SPD.	AMPS	ENCLOSURE	ROT.	BRNG.	SHAFT DIM.
D917	1/6	208-230	1075	1	1	Tot. Encl.	REV	SLV	1/2 X 6-1/2
D5458	1/5-1/4-1/3	208-230	1075	1	2.0	Tot. Encl.	REV	SLV	1/2 X 6-3/4
D775	1/5-1/6-1/8	208-230	1625	3	1.1-.8-.7	Open Vent.	DS	SLV	8-1/2 X 1/2 X 8-1/2
D776	1/5-1/8-1/10	115	1625	3	2.8-2-1.6	Open Vent.	DS	SLV	8-1/2 X 1/2 X 8-1/2
D719	1/5-1/8	208-230	1075	2	1.3-.8	Open Vent.	REV	SLV	1/2 X 6-1/2
S719	1/5-1/8	208-230	1075	2	1.3-.8	Open Vent.	REV	SLV	1/2 X 6-1/2
D720	1/5	208-230	1075	1	1.5	Open Vent.	REV	SLV	1/2 X 6
D743	1/5	208-230	1075	1	1.2	Open Vent.	REV	SLV	1/2 X 6
D794	1/5	208-230	825	1	1.3	Tot. Encl.	REV	SLV	1/2 X 6
D906	1/5	208-230	1075	1	1.2	Tot. Encl.	REV	SLV	1/2 X 6-1/2
D721	1/4-1/5-1/6	115	1075	3	4.8-3.3-2.6	Open Vent.	REV	SLV	1/2 X 6
D1730	1/4-1/5-1/6	115	1075	3	4.8-3.3-2.6	Open Vent.	REV	SLV	1/2 X 6
D773	1/4-1/5-1/6	115	1625	3	3.8-2.8-2.1	Open Vent.	DS	SLV	8-1/2 X 1/2 X 8-1/2
D1733	1/4-1/5-1/6	208-230	1075	3	2.2-1.6-1.2	Open Vent.	REV	SLV	1/2 X 6
D774	1/4-1/5-1/6	208-230	1625	3	1.9-1.2-.9	Open Vent.	DS	SLV	8-1/2 X 1/2 X 8-1/2
D3774	1/4-1/5-1/6	230	1350	3	1.5-1.1-.8	Tot. Encl.	DS	SLV	7-1/2 X 1/2 X 7-1/2
D3755	1/4-1/5-1/6	230	900	3	2-1.4-1	Tot. Encl.	DS	SLV	7-1/4 X 1/2 X 7-1/4
D904	1/4-1/5	208-230	1075	2	1.8-1	Tot. Encl.	REV	SLV	1/2 X 6-1/2
D1703	1/4-1/6-1/8	115	1075	3	4.1-3.0-2.3	Tot. Encl.	DS	SLV	8 X 1/2 X 8
D756	1/4-1/6-1/8	115	1075	3	3.9-2.4-2.1	Open Vent.	DS	SLV	10 X 1/2 X 10
D725	1/4-1/6-1/8	208-230	1075	3	2.2-1.5-1.1	Open Vent.	REV	SLV	1/2 X 6
D1706	1/4-1/6-1/8	208-230	1075	3	1.7-1.3-1.0	Tot. Encl.	DS	SLV	8 X 1/2 X 8
D755	1/4-1/6-1/8	208-230	1075	3	2-1.4-1.2	Open Vent.	DS	SLV	7-1/2 X 1/2 X 8-1/2
D766	1/4-1/6-1/8	230	1075	3	1.9-1.2-.8	Tot. Encl.	DS	SLV	7-1/2 X 1/2 X 8-1/2
D973	1/4-1/6-1/8	277	1075	3	2-1.4-1	Open Vent.	REV	SLV	1/2 X 5-1/2
D739	1/4-1/6	208-230	1075	2	2-1.3	Open Vent.	REV	BALL	1/2 X 6
D918	1/4-1/6	460	1625	2	1 / .6	Open Vent.	REV	BALL	1/2 X 6-1/2
D824	1/4-1/8	115	1100	2	3.2-2.4	Tot. Encl.	REV	BALL	1/2 X 3-1/2
D1702	1/4-1/8	208-230	1075	2	1.7-.8	Tot. Encl.	REV	BALL	1/2 X 6
D734	1/4	115	1075	1	3.8	Tot. Encl.	REV	BALL	1/2 X 3-1/4
D782	1/4	115	1625	1	3.5	Open Vent.	REV	SLV	1/2 X 6
D7749	1/4	208-230	1075	1	1.7	Open Vent.	REV	BALL	1/2 X 6-1/2
D749	1/4	208-230	1075	1	1.8	Open Vent.	REV	SLV	1/2 X 6-1/2
D939	1/4	208-230	1075	1	2.1	Open Vent.	REV	BALL	1/2 X 6
D742	1/4	208-230	1075	1	2.1	Open Vent.	REV	SLV	1/2 X 6
D934	1/4	208-230	825	1	1.9	Tot. Encl.	REV	SLV	1/2 X 6
D792	1/4	208-230	825	1	1.8	Open Vent.	REV	BALL	1/2 X 6
D797	1/4	208-230	825	1	1.8	Open Vent.	REV	SLV	1/2 X 6
D1749	1/4	208-230	1075	1	2.1	Open Vent.	REV	SLV	1/2 X 6
D922	1/4	208-230	1075	1	1.8	Tot. Encl.	REV	SLV	1/2 X 6-1/2
D7909	1/4	208-230	1075	1	1.8	Tot. Encl.	REV	BALL	1/2 X 6-1/2
D909	1/4	208-230	1075	1	1.8	Tot. Encl.	REV	SLV	1/2 X 6-1/2
D783	1/4	208-230	1625	1	1.5	Open Vent.	REV	SLV	1/2 X 6
D980	1/4	460	1075	1	1	Tot. Encl.	REV	BALL	1/2 X 6
D913	1/4	460	1075	1	1.1	Open Vent.	REV	BALL	1/2 X 6-3/8
D727	1/3-1/4-1/5	115	1075	3	5.9-4.6-3.8	Open Vent.	REV	SLV	1/2 X 6
D1731	1/3-1/4-1/5	115	1075	3	5.9-4.6-3.8	Open Vent.	REV	SLV	1/2 X 6
D1734	1/3-1/4-1/5	208-230	1075	3	2.8-2.2-1.8	Open Vent.	REV	SLV	1/2 X 6
D923	1/3-1/4-1/5	208-230	1075	3	2.9-2.2-1.7	Open Vent.	REV	SLV	1/2 X 6
D3771	1/3-1/4-1/5	230	1350	3	2.1-1.5-1.1	Open Vent.	DS	SLV	7-1/4 X 1/2 X 7-1/4
D3758	1/3-1/4-1/5	230	900	3	2.6-1.7-1.3	Open Vent.	DS	SLV	7 X 1/2 X 6-3/4
D972	1/3-1/4-1/5	277	1075	3	2.4-1.5-1	Open Vent.	REV	SLV	1/2 X 5-1/2
D1704	1/3-1/4-1/6	115	1075	3	4.9-3.1-2.2	Tot. Encl.	DS	SLV	8 X 1/2 X 8
D780	1/3-1/4-1/6	115	1625	3	4.7-3.5-2.7	Open Vent.	REV	SLV	1/2 X 6
D770	1/3-1/4-1/6	115	1625	3	5.9-4.4-3.5	Open Vent.	DS	SLV	8-3/4 X 1/2 X 8-3/4
D757	1/3-1/4-1/6	115	1075	3	6.9-4.8-3.8	Open Vent.	DS	SLV	8-1/2 X 1/2 X 8-1/2
D723	1/3-1/4-1/6	208-230	1075	3	3.3-2.3-1.8	Open Vent.	REV	SLV	1/2 X 6

FASCO Motor Scope Selection Guide

PERMANENT SPLIT CAPACITOR MOTORS - 5.6"DIAMETER (cont.)

FASCO MODEL#	HP	VOLTS	RPM	SPD.	AMPS	ENCLOSURE	ROT.	BRNG.	SHAFT DIM.
D781	1/3-1/4-1/6	208-230	1625	3	2-1.6-1.2	Open Vent.	REV	SLV	1/2 X 7
D771	1/3-1/4-1/6	208-230	1625	3	2.4-1.8-1.4	Open Vent.	DS	SLV	8-3/4 X 1/2 X 8-3/4
D758	1/3-1/4-1/6	208-230	1075	3	2.3-1.7-1.1	Open Vent.	DS	SLV	8-1/2 X 1/2 X 8-1/2
D1707	1/3-1/4-1/6	230	1075	3	2.3-1.5-1.1	Tot. Encl.	DS	SLV	8 X 1/2 X 8
D737	1/3-1/4	208-230	1075	2	3.5-1.9	Open Vent.	REV	BALL	1/2 X 6
D744	1/3-1/4	208-230	1075	2	3.2-2.4	Open Vent.	REV	SLV	1/2 X 6-1/2
D903	1/3-1/4	208-230	1075	2	2.7-1.3	Tot. Encl.	REV	SLV	1/2 X 6-1/2
D1701	1/3-1/4	208-230	1075	2	2.2-1.3	Tot. Encl.	REV	BALL	1/2 X 5-1/2
D821	1/3-1/4	460	1075	2	1.2 / 1	Open Vent.	REV	BALL	1/2 X 6
D901	1/3-1/8	115	1100	2	4-3.5	Tot. Encl.	REV	BALL	1/2 X 3-1/2
D795	1/3	115	825	1	6.1	Open Vent.	REV	BALL	1/2 X 6
D732	1/3	115	1075	1	4.1	Tot. Encl.	REV	BALL	1/5 X 5
D937	1/3	208-230	1075	1	2.9	Open Vent.	REV	BALL	1/2 X 6-1/2
D7748	1/3	208-230	1075	1	2.9	Open Vent.	REV	BALL	1/2 X 6-1/2
D748	1/3	208-230	1075	1	2.9	Open Vent.	REV	SLV	1/2 X 6-1/2
D944	1/3	208-230	1075	1	2.9	Open Vent.	REV	SLV	1/2 X 6
D936	1/3	208-230	825	1	2	Tot. Encl.	REV	SLV	1/2 X 6
D796	1/3	208-230	825	1	2.6	Open Vent.	REV	SLV	1/2 X 6
D791	1/3	208-230	825	1	2.6	Open Vent.	REV	BALL	1/2 X 6
D1748	1/3	208-230	1075	1	2.9	Open Vent.	REV	SLV	1/2 X 6-1/2
D925	1/3	208-230	1075	1	2.7	Tot. Encl.	REV	SLV	1/2 X 6-1/2
D7908	1/3	208-230	1075	1	2.6	Tot. Encl.	REV	BALL	1/2 X 6-1/2
D908	1/3	208-230	1075	1	2.4	Tot. Encl.	REV	SLV	1/2 X 6-1/2
D787	1/3	208-230	1625	1	2.3	Open Vent.	REV	SLV	1/2 X 7
D921	1/3	230 / 460	825	1	2.7 / 1.4	Open Vent.	REV	BALL	1/2 X 6-3/8
D982	1/3	460	1075	1	1.2	Tot. Encl.	REV	BALL	1/2 X 6-1/2
D966	1/3	460	1075	1	1.5	Open Vent.	REV	SLV	1/2 X 6-1/2
D912	1/3	460	1075	1	1.1	Open Vent.	REV	BALL	1/2 X 6-3/8
D960	1/3	460	825	1	1.3	Open Vent.	REV	BALL	1/2 X 6
D2751	1/3	575	1100	1	.75	Open Vent.	REV	BALL	1/2 X 6-1/2
D2710	.4	200-230 / 460	1075	1	3.2 / 1.6	Open Vent.	REV	BALL	1/2 X 5-1/2
D701	1/2-1/3-1/4-1/5	115	1075	4	7.7-5.5-4.2-3.3	Open Vent.	REV	SLV	1/2 X 5-1/2
D902	1/2-1/3-1/4-1/5	115	1075	4	9.9-5.6-3.7-2.7	Open Vent.	REV	SLV	1/2 X 5-1/2
D1732	1/2-1/3-1/4	115	1075	3	7.7-5.5-4.2	Open Vent.	REV	SLV	1/2 X 6
D2700	1/2-1/3-1/4	115	1075	3	7.7/5.5/4.2	Open Vent.	REV	BALL	1/2 X 5-1/2
D1705	1/2-1/3-1/4	115	1075	3	8.7-6.2-4.9	Tot. Encl.	DS	SLV	8 X 1/2 X 8
D785	1/2-1/3-1/4	115	1625	3	8.4-6.4-5	Open Vent.	REV	SLV	1/2 X 6
D777	1/2-1/3-1/4	115	1625	3	9.4-6-4.5	Open Vent.	DS	SLV	7-1/2 X 1/2 X 7-1/2
D761	1/2-1/3-1/4	115	1075	3	9.6-6-4.4	Open Vent.	DS	SLV	8 X 1/2 X 8
D1735	1/2-1/3-1/4	208-230	1075	3	3.4-2.5-1.9	Open Vent.	REV	SLV	1/2 X 6
D703	1/2-1/3-1/4	208-230	1075	3	4-2.7-2	Open Vent.	REV	SLV	1/2 X 6
D784	1/2-1/3-1/4	208-230	1625	3	3.8-2.8-2.1	Open Vent.	REV	SLV	1/2 X 6
D772	1/2-1/3-1/4	208-230	1625	3	3.8-2.8-2.1	Open Vent.	DS	SLV	8 X 1/2 X 8
D760	1/2-1/3-1/4	208-230	1075	3	4.3-3.1-2.3	Open Vent.	DS	SLV	8 X 1/2 X 8
D2701	1/2-1/3-1/4	208/230	1075	3	4.0/2.7/2.0	Open Vent.	REV	BALL	1/2 X 6-1/4
D1708	1/2-1/3-1/4	230	1075	3	4.1-3.0-2.3	Tot. Encl.	DS	SLV	8 X 1/2 X 8
D3772	1/2-1/3-1/4	230	1350	3	3-1.9-1.3	Open Vent.	DS	SLV	7 X 1/2 X 7
D3760	1/2-1/3-1/4	230	900	3	4.2-2.2-1.5	Open Vent.	DS	SLV	7 X 1/2 X 7
D971	1/2-1/3-1/4	277	1075	3	3.2-2.2-1.8	Open Vent.	REV	SLV	1/2 X 5-1/2
D976	1/2-1/3-1/4	277	1075	3	3.4-2.2-1.6	Open Vent.	DS	SLV	7-3/8 X 1/2 X 7-1/4
D974	1/2-1/3-1/4	277	825	3	2.3-1.6-1.3	Open Vent.	REV	SLV	1/2 X 5
D735	1/2-1/3	208-230	1075	2	4.4-2.7	Open Vent.	REV	BALL	1/2 X 6
D1700	1/2-1/3	208-230	1075	2	3.7-1.9	Tot. Encl.	REV	BALL	1/2 X 5-1/2
D916	1/2-1/3	460	1625	2	1.6 / 1.1	Open Vent.	REV	BALL	1/2 X 6-1/2
D997	1/2-1/4	115	1100	2	7.1-4	Tot. Encl.	REV	SLV	1/2 X 3
D999	1/2-1/4	115	1100	2	7.1-4	Tot. Encl.	REV	SLV	5/8 X 3

FASCO Motor Scope Selection Guide

PERMANENT SPLIT CAPACITOR MOTORS - 5.6"DIAMETER (cont.)

FASCO MODEL#	HP	VOLTS	RPM	SPD.	AMPS	ENCLOSURE	ROT.	BRNG.	SHAFT DIM.
D900	1/2-1/4	115	1100	2	7.1-4	Tot. Encl.	REV	SLV	5/8 X 3
D817	1/2	115	1140	1	5.5	Tot. Encl.	CW	BALL	1/2 X 6
D998	1/2	115 / 230	825	1	6-3	Tot. Encl.	CW	BALL	5/8 X 2-5/8
D2729	1/2	200-230 / 460	1075	1	4.6-2.3	Open Vent.	REV	BALL	1/2 X 3-1/2
D935	1/2	208-230	1075	1	4.1	Open Vent.	REV	BALL	1/2 X 6-1/2
D7745	1/2	208-230	1075	1	3.7	Open Vent.	REV	BALL	1/2 X 6-1/2
D745	1/2	208-230	1075	1	3.7	Open Vent.	REV	SLV	1/2 X 6-1/2
D740	1/2	208-230	1075	1	4.5	Open Vent.	REV	SLV	1/2 X 6-1/2
D938	1/2	208-230	825	1	3.4	Open Vent.	REV	BALL	1/2 X 6
D790	1/2	208-230	825	1	3.5	Open Vent.	REV	BALL	1/2 X 6
D713	1/2	208-230	825	1	3.0	Tot. Encl.	REV	SLV	1/2 X 6
D1745	1/2	208-230	1075	1	4.1	Open Vent.	REV	SLV	1/2 X 6-1/2
D932	1/2	208-230	1075	1	3.9	Tot. Encl.	REV	SLV	1/2 X 6-1/2
D7907	1/2	208-230	1075	1	3.7	Tot. Encl.	REV	BALL	1/2 X 6-1/2
D907	1/2	208-230	1075	1	3.7	Tot. Encl.	REV	SLV	1/2 X 6-1/2
D788	1/2	208-230	1625	1	3.9	Open Vent.	REV	SLV	1/2 X 6
D819	1/2	208-230/460	1075	1	4-2	Open Vent.	REV	BALL	1/2 X 3
S2846	1/2	230 / 460	1075	1	3.9/2.0	Open Vent.	REV	BALL	1/2 X 5-3/8
D967	1/2	460	1075	1	1.6	Open Vent.	REV	SLV	1/2 X 6
D1911	1/2	460	1075	1	1.8	Open Vent.	REV	BALL	1/2 X 6-3/8
D911	1/2	460	1075	1	1.8	Open Vent.	REV	BALL	1/2 X 6-3/8
D802	1/2	460	1050	1	0.9	Open Vent.	REV	BALL	1/2 X 3-1/3
D961	1/2	460	825	1	1.9	Open Vent.	REV	BALL	1/2 X 6
D920	1/2	460	825	1	2.1	Open Vent.	REV	SLV	1/2 X 4-1/2
D2750	1/2	575	1625	1	1.0	Open Vent.	REV	BALL	1/2 X 6-1/2
D2711	.6	200-230 / 460	1075	1	4.0 / 2.0	Open Vent.	REV	BALL	1/2 X 5-1/2
D2712	.6	200-230 / 460	1075	1	4.0 / 2.0	Open Vent.	REV	BALL	5/8 X 5-1/2 KEYED
D2713	.6	575	1075	1	1.5	Open Vent.	REV	BALL	1/2 X 5-1/2
D2752	.6	575	1075	1	1.1	Tot. Encl.	REV	BALL	1/2 X 6-1/2
D724	3/4-1/2-1/3-1/4	115	1075	4	9.5-7.2-5.6-3.5	Open Vent.	REV	SLV	1/2 X 6
D728	3/4-1/2-1/3	115	1075	3	10.5-6.9-4.8	Open Vent.	REV	SLV	1/2 X 6
D2702	3/4-1/2-1/3	115	1075	3	10.5/5.6/4.8	Open Vent.	REV	BALL	1/2 X 6-1/4
D769	3/4-1/2-1/3	115	1075	3	11.9-8.1-6	Open Vent.	DS	SLV	8 X 1/2 X 8
D729	3/4-1/2-1/3	208-230	1075	3	5.4-3.8-2.9	Open Vent.	REV	SLV	1/2 X 6
D778	3/4-1/2-1/3	208-230	1625	3	5.3-3.8-3.2	Open Vent.	DS	SLV	7-1/2 X 1/2 X 7
D763	3/4-1/2-1/3	208-230	1075	3	5.7-4.1-3.1	Open Vent.	DS	SLV	8 X 1/2 X 8
D2703	3/4-1/2-1/3	208/230	1075	3	5.4/3.8/2.9	Open Vent.	REV	BALL	1/2 X 6-1/4
D786	3/4-1/2-1/3	230	1625	3	5.3-3.8-2.9	Open Vent.	REV	SLV	1/2 X 6
D970	3/4-1/2-1/3	277	1075	3	3.9-2.2-1.6	Open Vent.	REV	SLV	1/2 X 5-1/2
D730	3/4-1/2	208-230	1075	2	4.8-3.5	Open Vent.	REV	BALL	1/2 X 6
D915	3/4-1/2	460	1075	2	2.5 / 1.6	Open Vent.	REV	BALL	5/8 X 4-1/2
D914	3/4-1/2	460	1075	2	2.5 / 1.6	Open Vent.	REV	BALL	1/2 X 4-1/2
D823	3/4-1/2	460	1075	2	2.1 / 1.6	Open Vent.	REV	BALL	1/2 X 6
D726	3/4-1/3	115	1075	2	11-5	Open Vent.	REV	SLV	5/8 X 4-1/2 KEYED
D930	3/4-1/3	208-230	1075	2	4.4-2.1	Open Vent.	REV	BALL	1/2 X 6-1/4
D951	3/4-1/3	208-230	1075	2	5-2.2	Open Vent.	REV	BALL	5/8 X 4-1/2 KEYED
D940	3/4	208-230	1075	1	4.4	Open Vent.	REV	BALL	1/2 X 6-1/4
D929	3/4	208-230	1075	1	5	Open Vent.	REV	SLV	1/2 X 6-1/4
D933	3/4	208-230	1075	1	5	Tot. Encl.	REV	SLV	1/2 X 6-1/2
D931	3/4	208-230	1075	1	4.5	Tot. Encl.	REV	BALL	1/2 X 6-1/2
D789	3/4	208-230	1625	1	5.2	Open Vent.	REV	SLV	1/2 X 6
S2848	3/4	230 / 460	1075	1	4.7/2.4	Open Vent.	REV	BALL	1/2 X 6
D968	3/4	460	1075	1	2.5	Open Vent.	REV	SLV	1/2 X 6-1/2
D1910	3/4	460	1075	1	2.2	Open Vent.	REV	BALL	1/2 X 6-3/8
D910	3/4	460	1075	1	2.2	Open Vent.	REV	BALL	1/2 X 6-3/8
D1914	3/4	460	1050	1	1.7	Tot. Encl.	REV	BALL	1/2 X 6
D2753	3/4	575	1075	1	1.8	Tot. Encl.	REV	BALL	1/2 X 6-1/2

FASCO Motor Scope Selection Guide

PERMANENT SPLIT CAPACITOR MOTORS - 5.6"DIAMETER (cont.)

FASCO MODEL#	HP	VOLTS	RPM	SPD.	AMPS	ENCLOSURE	ROT.	BRNG.	SHAFT DIM.
D2714	.8	200-230 / 460	1075	1	4.6 / 2.3	Open Vent.	REV	BALL	1/2 X 5-1/2
D2715	.8	200-230 / 460	1075	1	4.6 / 2.3	Open Vent.	REV	BALL	5/8 X 5-1/2 KEYED
D712	1-1/2-1/3	115	1075	3	11.8-6.3-3.9	Open Vent.	REV	SLV	1/2 X 6
D2705	1-1/2-1/3	115	1075	3	11.6/6.3/3.9	Open Vent.	REV	BALL	1/2 X 6-1/4
D711	1-1/2-1/3	208-230	1075	3	5.3-2.8-1.8	Open Vent.	REV	SLV	1/2 X 6
D2704	1-1/2-1/3	208/230	1075	3	5.3/2.8/1.8	Open Vent.	REV	BALL	1/2 X 6-1/4
D1709	1	208-230	1075	1	5.5	Open Vent.	REV	BALL	1/2 X 6-1/2
D1710	1	460	1075	1	3	Open Vent.	REV	BALL	1/2 X 6-1/2

C FRAME MOTORS - SHADED POLE

FASCO MODEL#	HP	VOLTS	RPM	SPD.	AMPS	ENCLOSURE	ROT.	BRNG.	SHAFT DIM.
K114	1/500	115	1100	1	0.64	Open Vent.	CCW	SLV	.181 X 1.75
K102	1/200	115	1100	1	0.64	Open Vent.	CW	SLV	.181 X 1.5
K120	1/200	115	3000	2	.4-.25	Open Vent.	CW	SLV	.217 X 1.55
K628	1/200	208-230	3000	1	0.25	Open Vent.	CW	SLV	1/4 X 1-1/2
K614	1/150	115	3000	1	0.6	Open Vent.	CW	SLV	.217 X 1.625
K673	1/150	115	3000	2	.5-.35	Open Vent.	CCW	SLV	.1875 X 1.75
K670	1/150	115	3000	1	0.5	Open Vent.	CCW	SLV	.1875 X 1.75
K130	1/150	115	3000	1	0.43	Open Vent.	CW	SLV	.181 X 1
K101	1/150	230	1260	1	0.58	Open Vent.	CCW	SLV	.217 X 1.34
K672	1/150	240	3000	1	0.25	Open Vent.	CCW	SLV	.1875 X 1.75
K683	1/150	240	3000	1	0.25	Open Vent.	CW	SLV	.1875 X 1.75
K111	1/120	115	3000	1	1.1	Open Vent.	CCW	SLV	.217 X 1.94
K100	1/100	115	2750	1	0.71	Open Vent.	CW	SLV	.181 X 1.11
K611	1/100	115	3000	1	0.67	Open Vent.	CCW	SLV	.25 X 2.45
K115	1/100	120	3000	1	0.64	Open Vent.	CW	SLV	.217 X 1.75
K629	1/85	115	2950	1	0.67	Open Vent.	CW	SLV	1/4 X 1-1/8
K109	1/75	115	3000	1	0.9	Open Vent.	CCW	SLV	.217 X 2.37
K110	1/75	115	3000	1	0.9	Open Vent.	CCW	SLV	.217 X 2.37
K113	1/70	115	3000	1	1.2	Open Vent.	CCW	SLV	.217 X 1.15
K612	1/65	115	3000	1	0.8	Open Vent.	CW	SLV	.25 X 2.7
K610	1/60	115	3000	2	.88-.68	Open Vent.	CCW	SLV	.217 X 1.3
K112	1/50	115	3000	2	1-.5	Open Vent.	CW	SLV	.217 X 1.46
K161	1/50	115	3000	1	1.05	Open Vent.	CCW	SLV	.217 X 1.21

FASCO Motor Scope Selection Guide

SHADED POLE MOTORS - 3.3" DIAMETER

FASCO MODEL#	DIA.	HP	VOLTS	RPM	SPD.	AMPS	ENCLOSURE	ROT.	BRNG.	SHAFT DIM.
D1121	2.3	1/20	208-230	1550	1	1.0	Open Vent.	CW	SLV	5/16 X 2-1/2
D200	3.25	1/85	115	3000	1	0.6	Open Vent.	CW	SLV	2-3/8 X 1/4 X 3/4
D201	3.25	1/85	115	3000	1	0.6	Open Vent.	CCW	SLV	1/4 X 1-3/8
D107	3.3	1/160	208-240	600	1	0.5	Open Vent.	CCW	SLV	5/16 X 1
D408	3.3	1/150	115	3000	1	0.5	Open Vent.	CW	SLV	1/4 X 1-1/2
D129	3.3	1/125-1/200	115	1500	2	.4-.3	Open Vent.	DS	SLV	3-1/4 X 1/4 X 3-1/4
D229	3.3	1/100	115	3000	1	0.55	Open Vent.	CCW	SLV	1/4 X 3-1/2
D230	3.3	1/100	115	3000	1	0.55	Open Vent.	CW	SLV	1/4 X 3-1/2
D540	3.3	1/100	115	1500	1	0.6	Tot. Encl.	CW	SLV	1/4 X 2-1/4
D541	3.3	1/100	115	1500	1	0.6	Tot. Encl.	CCW	SLV	1/4 X 2-1/4
D1109	3.3	1/100	115	1500	1	0.65	Tot. Encl.	CCW	SLV	1/4 X 1-1/4
D1162	3.3	1/100	115	1500	1	0.6	Open Vent.	REV	SLV	5/16 X 1
D1119	3.3	1/90	240	1500	1	0.34	Open Vent.	CCW	SLV	1/4 X 1-1/2
D202	3.3	1/85	115	3000	1	0.6	Open Vent.	CW	SLV	1/4 X 2-1/4
D228	3.3	1/80	115	3000	1	0.8	Open Vent.	CW	SLV	1/4 X 2
D122	3.3	1/80	115	1500	1	0.6	Tot. Encl.	CW	SLV	1/4 X 2-1/4
D123	3.3	1/80	115	1500	1	0.6	Tot. Encl.	CCW	SLV	1/4 X 2-1/4
D431	3.3	1/80	230	1550	1	9 Watts	Tot. Encl.	CCW	SLV	HUB
D120	3.3	1/70	115	1500	1	0.7	Open Vent.	CW	SLV	1/4 X 2-1/4
D121	3.3	1/70	115	1500	1	0.7	Open Vent.	CCW	SLV	1/4 X 2-1/4
D167	3.3	1/70	115	1500	1	0.7	Open Vent.	CW	SLV	1/4 X 3
D169	3.3	1/70	115	1500	1	0.7	Open Vent.	CCW	SLV	1/4 X 3
D402	3.3	1/60	115	3000	1	0.75	Tot. Encl.	CW	SLV	1/4 X 1-3/4
D403	3.3	1/60	115	3000	1	0.75	Tot. Encl.	CCW	SLV	1/4 X 2-1/4
D182	3.3	1/60	115	1500	1	0.6	Tot. Encl.	CW	SLV	5/16 X 2-1/4
D1134	3.3	1/50-1/65-1/80	115	1500	3	1.1-.8-.6	Open Vent.	CW	SLV	1/4 X 1-3/4
D1139	3.3	1/50-1/80-1/125	115	1500	3	0.88	Open Vent.	CW	SLV	2-1/2 X 5/16 X 1-1/8
D609	3.3	1/50	115	1500	1	0.9	Open Vent.	CCW	SLV	1/4 X 2-1/4
D603	3.3	1/50	115	1500	1	0.9	Open Vent.	CW	SLV	1/4 x 2-3/8
D124	3.3	1/50	115	1500	1	0.75	Tot. Encl.	CW	SLV	1/4 X 2-1/4
D125	3.3	1/50	115	1500	1	0.75	Tot. Encl.	CCW	SLV	1/4 X 2-1/4
D601	3.3	1/50	115	1500	1	0.9	Tot. Encl.	CCW	SLV	1/4 X 2-1/4
D602	3.3	1/50	115	1500	1	0.9	Tot. Encl.	CW	SLV	1/4 X 2-1/4
D418	3.3	1/50	115	1550	1	1.1	Open Vent.	CW	BALL	1/4 X 3
D608	3.3	1/50	230	3000	1	0.6	Open Vent.	CW	SLV	1/4 X 1-5/16
D624	3.3	1/50	230	1500	1	0.4	Tot. Encl.	CW	SLV	1/4 X 2-1/4
D128	3.3	1/40-1/50-1/80	115	1500	3	1.3-.9-.6	Open Vent.	DS	SLV	4 X 5/16 X 4
D205	3.3	1/40-1/70	115	3000	2	1-.5	Tot. Encl.	DS	SLV	3 X 1/4 X 3
D203	3.3	1/40	115	3000	1	1	Open Vent.	CCW	SLV	1/4 X 2-1/4
D126	3.3	1/40	115	1500	1	1.1	Open Vent.	CW	SLV	5/16 X 2-1/4
D127	3.3	1/40	115	1500	1	1	Open Vent.	CCW	SLV	5/16 X 2-1/4
D106	3.3	1/40	115	1500	1	0.9	Open Vent.	CCW	SLV	1/4 X 1-3/4
D130	3.3	1/40	115	1500	1	1	Open Vent.	CW	SLV	5/16 X 4-1/8
D131	3.3	1/40	115	1500	1	1	Open Vent.	CCW	SLV	5/16 X 2-1/4
D415	3.3	1/40	115	1550	1	1.1	Open Vent.	CCW	BALL	1/4 X 3
D1192	3.3	1/40	115	3000	1	0.7	Open Vent.	CCW	SLV	5/16 X 1-1/2
D1167	3.3	1/40	208-230	3000	1	0.55	Open Vent.	CCW	SLV	5/16 X 1
D190	3.3	1/40	230	1500	1	0.6	Open Vent.	CW	SLV	1/4 X 2-1/4
D330	3.3	1/40	230	1500	1	0.5	Open Vent.	CW	SLV	5/16 X 2-1/4
D1191	3.3	1/40	460	3200	1	0.37	Open Vent.	CCW	BALL	1/4 X 2-1/2
D105	3.3	1/37	115	1500	1	0.94	Open Vent.	CCW	SLV	1/4 X 1-1/2
D534	3.3	1/35-1/100	115	1500	1	1.4-.5	Tot. Encl.	CW	SLV	1/4 X 1
D477	3.3	1/35	208 / 230	1550	1	0.75	Open Vent.	CCW	SLV	5/16 X 1-5/8
D1196	3.3	1/33	115	3200	1	1.5	Open Vent.	CCW	SLV	5/16 X 2-1/3

FASCO Motor Scope Selection Guide

SHADED POLE MOTORS - 3.3" DIAMETER (cont.)

FASCO MODEL#	DIA.	HP	VOLTS	RPM	SPD.	AMPS	ENCLOSURE	ROT.	BRNG.	SHAFT DIM.
D532	3.3	1/30-1/112	115	1500	2	1.4-.8	Open Vent.	CW	SLV	5/16 X 1-1/2
D181	3.3	1/30-1/40	115	1500	2	1.3-1	Open Vent.	CCW	SLV	5/16 X 2-1/4
D137	3.3	1/30-1/65	115	1500	1	1-.7	Tot. Encl.	DS	SLV	3 X 5/16 X 3
D206	3.3	1/30	115	3000	1	1.2	Open Vent.	CW	SLV	1/4 X 2-1/4
D209	3.3	1/30	115	3000	1	1.1	Open Vent.	DS	SLV	3-1/4 X 1/4 X 3-1/4
D208	3.3	1/30	115	3000	1	1.1	Open Vent.	CW	SLV	1/4 X 3
D136	3.3	1/30	115	1500	1	1.3	Open Vent.	DS	SLV	2 X 5/16 X 2
D514	3.3	1/30	115	1500	1	1.3	Open Vent.	CW	SLV	5/16 X 2-1/4
D515	3.3	1/30	115	1500	1	1.3	Open Vent.	CCW	SLV	5/16 X 2-1/4
D1173	3.3	1/30	115	1500	1	1.2	Open Vent.	CW	BALL	5/16 X 2-1/2
D1198	3.3	1/30	115	3200	1	1.5	Open Vent.	CCW	SLV	5/16 X 2-1/4
D454	3.3	1/30	115	3000	1	1.5	Open Vent.	CW	SLV	1/4 X 1-1/2
D1179	3.3	1/30	115	3000	1	1.5	Open Vent.	CW	SLV	5/16 X 2
D1190	3.3	1/30	115	3000	1	1.6	Open Vent.	CW	SLV	5/16 X 1-3/4
D455	3.3	1/30	115 / 230	3000	1	1.3-.7	Open Vent.	CCW	BALL	1/4 X 3-7/8
D207	3.3	1/30	230	3000	1	0.6	Open Vent.	DS	SLV	2-1/4 X 1/4 X 2-1/4
D1118	3.3	1/30	240	1500	1	0.6	Open Vent.	CW	BALL	5/16 X 3-1/2
D332	3.3	1/25-1/65	115	1500	2	1.5-.8	Open Vent.	CW	SLV	5/16 X 2
D210	3.3	1/25	115	3000	1	1.3	Open Vent.	CW	SLV	1/4 X 2-1/4
D364	3.3	1/25	115	1500	1	1.8	Open Vent.	DS	SLV	1-7/8 X 5/16 X 1-7/8
D365	3.3	1/25	115	1500	1	1.8	Open Vent.	DS	SLV	1-7/8 X 5/16 X 1-7/8
D184	3.3	1/25	115	1500	1	1.2	Open Vent.	CW	SLV	5/16 X 1-7/8
D1194	3.3	1/25	115	3200	1	1.7	Open Vent.	CW	BALL	5/16 X 1-1/3
D1164	3.3	1/25	115 / 230	1550	1	1.3-.65	Tot. Encl.	CW	SLV	5/16 X 2-1/2
D216	3.3	1/25	230	3000	1	0.65	Open Vent.	CW	SLV	1/4 X 2-1/4
D636	3.3	1/25	230	1500	1	0.69	Open Vent.	DS	SLV	2-1/4 X 5/16 X 2-1/4
D1193	3.3	1/22	115	3000	1	1.2	Open Vent.	CCW	SLV	5/16 X 2-1/3
D520	3.3	1/20-1/50-1/100	115	1500	3	2-1-.6	Tot. Encl.	CW	SLV	1/4 X 2-1/4
D132	3.3	1/20	115	1500	1	1.8	Open Vent.	CW	SLV	5/16 X 2-1/4
D133	3.3	1/20	115	1500	1	1.8	Open Vent.	CCW	SLV	5/16 X 2-1/4
D472	3.3	1/20	115	1550	1	1.9	Open Vent.	CW	SLV	5/16 X 2-5/8
D473	3.3	1/20	115	1550	1	2	Open Vent.	CCW	SLV	5/16 X 2-5/8
D1124	3.3	1/20	115	1550	1	2.1	Open Vent.	CW	SLV	5/16 X 3
D1120	3.3	1/20	115	1550	1	2.1	Open Vent.	CW	SLV	5/16 X 2-1/2
D1152	3.3	1/20	115	1500	1	1.7	Open Vent.	CW	SLV	5/16 X 2-3/8
D1101	3.3	1/20	115	1500	1	1.9	Open Vent.	CCW	SLV	5/16 X 2-1/4
D1180	3.3	1/20	115	3300	1	1.9	Open Vent.	CW	SLV	5/16 X 2-1/8
D471	3.3	1/20	208-230	1550	1	1.1	Open Vent.	CCW	SLV	5/16 X 2-1/2
D470	3.3	1/20	208-230	1550	1	0.94	Open Vent.	CW	SLV	5/16 X 2-5/8
D1103	3.3	1/20	208-230	1500	1	1.15	Open Vent.	CCW	SLV	5/16 X 2-1/4
D188	3.3	1/20	230	1500	1	0.9	Open Vent.	CW	SLV	5/16 X 2-1/4
D189	3.3	1/20	230	1500	1	0.9	Open Vent.	CCW	SLV	5/16 X 2-1/4
D1154	3.3	1/20	230	1550	1	1	Open Vent.	CW	SLV	5/16 X 2-3/8
D186	3.3	1/20	460	1500	1	0.4	Open Vent.	CW	SLV	5/16 X 2-1/3
D1111	3.3	1/18-1/30	115	1330	2	2.4-1.2	Open Vent.	CCW	SLV	3-1/8 X 5/16 X 2-3/8
D1161	3.3	1/15-1/25	115	1500	1	2.9-1.9	Open Vent.	CCW	SLV	5/16 X 2
D213	3.3	1/15	115	3000	1	2.1	Open Vent.	DS	SLV	2-3/4 X 1/4 X 2-3/4
D109	3.3	1/15	115	1600	1	2.1	Open Vent.	CW	SLV	5/16 X 3
D1142	3.3	1/15	115 / 230	1500	1	1.7-.9	Open Vent.	CW	SLV	5/16 X 2-1/2
D456	3.3	1/15	115 / 230	3000	1	2-1	Tot. Encl.	CW	BALL	1/4 X 2-3/4
D457	3.3	1/15	115 / 230	3000	1	2-1	Open Vent.	CCW	BALL	1/4 X 2-3/4
D458	3.3	1/15	208-230	3000	1	1	Open Vent.	CW	BALL	1/4 X 2-3/4
D1188	3.3	1/15	208-230 / 460	3000	1	1.1-.6	Open Vent.	CW	BALL	5/16 X 2
D211	3.3	1/15	230	3000	1	1.1	Open Vent.	DS	SLV	2-1/2 X 1/4 X 2-1/2

FASCO Motor Scope Selection Guide

SHADED POLE MOTORS - 3.3" DIAMETER (cont.)

FASCO MODEL#	DIA.	HP	VOLTS	RPM	SPD.	AMPS	ENCLOSURE	ROT.	BRNG.	SHAFT DIM.
D1126	3.3	1/15	230	1550	1	1.1	Open Vent.	CW	SLV	5/16 X 3
D1174	3.3	1/15	460	3000	1	0.6	Open Vent.	CW	BALL	1/4 X 2-1/2
D1171	3.3	1/15	460	3000	1	0.6	Open Vent.	CCW	BALL	1/4 X 2-1/2
D366	3.3	1/14-1/25	115	1550	2	2.5-1.5	Open Vent.	DS	SLV	6-3/8 X 5/16 X 6-3/8
D367	3.3	1/12-1/20-1/30	115	1550	3	3-2.1-1.7	Open Vent.	DS	SLV	5-3/4 X 5/16 X 5-3/4
D469	3.3	1/12	208-230	1550	1	1.3	Open Vent.	CCW	SLV	5/16 X 2-1/8
D475	3.3	1/12	460	1550	1	0.5	Open Vent.	CCW	SLV	5/16 X 2-1/2
D498	3.3	1/12	460	1550	1	0.5	Open Vent.	CW	SLV	5/16 X 2-1/2
D325	3.3	1/10-1/30	115	1550	2	2.5-2.3	Open Vent.	CCW	SLV	1-3/4 X 5/16 X 2-3/8
D1169	3.3	1/10	208-230	3000	1	1.5	Open Vent.	CCW	SLV	5/16 X 1
D429	3.3	9 Watts	115	1550	1	0.6	Tot. Encl.	CCW	SLV	HUB
D437	3.3	16 Watts	115	1550	1	1.1	Tot. Encl.	CCW	SLV	HUB
D222	3.81	1/25	115	1500	1	1.6	Tot. Encl.	DS	SLV	2-1/4 X 5/16 X 2-1/4
D1138	3.91	1/50-1/80-1/140	115	1500	3	.9-.6-.5	Open Vent.	CW	SLV	5/16 X 2-1/2
D134	3.91	1/25	115	1500	1	1.6	Tot. Encl.	CW	SLV	5/16 X 2-1/4
D135	3.91	1/25	115	1500	1	1.6	Tot. Encl.	CCW	SLV	5/16 X 2-1/4
D138	3.91	1/25	115	1500	1	1.6	Tot. Encl.	CW	SLV	5/16 X 2-5/8
D192	3.91	1/25	230	1500	1	0.9	Tot. Encl.	CW	SLV	5/16 X 2-1/4
D226	3.91	1/20	115	1500	1	1.6	Tot. Encl.	CW	BALL	5/16 X 2-1/4
D227	3.91	1/20	115	1500	1	1.7	Tot. Encl.	CCW	BALL	5/16 X 2-1/4
D214	3.91	1/20	115 / 230	3000	1	1.7-.8	Tot. Encl.	CW	SLV	5/16 X 6-1/2
D215	3.91	1/20	115 / 230	3000	1	1.7-.8	Tot. Encl.	CCW	BALL	5/16 X 6-1/2
D220	3.91	1/20	115 / 230	3000	1	1.7-.8	Tot. Encl.	CW	BALL	5/16 X 6-1/2
D234	3.91	1/15	115	1500	1	2.2	Tot. Encl.	CW	SLV	5/16 X 2-1/4
D238	3.91	1/15	115	1500	1	2.3	Tot. Encl.	CW	SLV	5/16 X 2-5/8
D334	3.91	1/15	230	1500	1	1.4	Tot. Encl.	CW	BALL	5/16 X 3
D235	3.91	1/12	115	1500	1	2.2	Tot. Encl.	CCW	SLV	5/16 X 2-1/4

SHADED POLE MOTORS - 4.4" DIAMETER

FASCO MODEL#	DIA.	HP	VOLTS	RPM	SPD.	AMPS	ENCLOSURE	ROT.	BRNG.	SHAFT DIM.
D333	4.4	1/25	115	1550	1	1.4	Open Vent.	DS	SLV	7-1/4 X 3/8 X 7-1/4
D335	4.4	1/20-1/30-1/40-1/60	115	1550	4	2.1-1.4-1.2-1.1	Open Vent.	DS	SLV	8 X 1/2 X 8
D1061	4.4	1/20-1/30-1/60	115	1500	3	2-1.7-1.4	Open Vent.	CCW	SLV	1/2 X 2-3/4
D170	4.4	1/20	115	1500	1	1.7	Open Vent.	CW	SLV	5/16 X 2-1/4
D484	4.4	1/20	115 / 208-230	1550	1	2.2-1.1	Open Vent.	CW	SLV	3/8 X 3-1/8
D485	4.4	1/20	115 / 208-230	1550	1	2.2-1.1	Open Vent.	CCW	SLV	3/8 X 3-1/8
D117	4.4	1/15-1/25-1/30-1/40	115	1550	4	2.4-1.4-1.1-.9	Open Vent.	CCW	SLV	1/2 X 7-1/2
D118	4.4	1/15-1/30	115	1500	2	2.4-1.4	Open Vent.	CW	SLV	3/8 X 2-3/8
D116	4.4	1/15	115	1500	1	2.4	Open Vent.	CW	SLV	3/8 X 2-3/8
D1170	4.4	1/15	115	1500	1	2.1	Open Vent.	CW	BALL	3/8 X 2-1/2
D312	4.4	1/15	115	1500	1	2.7	Open Vent.	CW	SLV	1/2 X 5
D329	4.4	1/15	115	1550	1	2.5	Open Vent.	DS	SLV	7-1/2 X 3/8 X 7-1/2
D482	4.4	1/15	115 / 208-230	1550	1	3.2-1.6	Open Vent.	CW	SLV	3/8 X 3-1/8
D483	4.4	1/15	115 / 208-230	1550	1	3.2-1.6	Open Vent.	CCW	SLV	3/8 X 3-1/8
D377	4.4	1/12	115	1500	1	3.1	Open Vent.	CCW	SLV	3/8 X 2
D310	4.4	1/12	115	1500	1	4	Open Vent.	CW	SLV	3/8 X 2
D113	4.4	1/12	115 / 230	1550	1	2.5-1.3	Tot. Encl.	CCW	SLV	3/8 X 3
D114	4.4	1/12	115 / 230	1550	1	2.5-1.3	Tot. Encl.	CW	SLV	3/8 X 3
D115	4.4	1/12	115 / 230	1550	1	2.5-1.3	Tot. Encl.	CCW	SLV	1/2 X 2
D119	4.4	1/11-1/25-1/70	115	1500	3	2.9-1.5-1	Open Vent.	CCW	BALL	1/2 X 2-5/8
D236	4.4	1/10-1/15-1/25	115	1550	3	3.5-2.4-1.8	Open Vent.	DS	SLV	7-1/2 X 1/2 X 7-1/2
D336	4.4	1/10-1/15-1/25	115	1550	3	3.5-2.4-1.8	Open Vent.	DS	SLV	7-1/2 X 3/8 X 7-1/2
D674	4.4	1/10-1/15	230	1500	2	2-1.3	Open Vent.	CW	SLV	3/8 X 2-1/2

FASCO Motor Scope Selection Guide

SHADED POLE MOTORS - 4.4" & 5.0" DIAMETER

FASCO MODEL#	DIA.	HP	VOLTS	RPM	SPD.	AMPS	ENCLOSURE	ROT.	BRNG.	SHAFT DIM.
D635	4.4	1/10-1/20-1/35	230	1550	3	1.8-1.3-1	Open Vent.	DS	SLV	10 X 1/2 X 10
D174	4.4	1/10	115	1500	1	3.5	Open Vent.	CW	SLV	3/8 X 2-7/8
D1039	4.4	1/10	115	1500	1	3.1	Open Vent.	CCW	SLV	1/2 X 2-3/8
D112	4.4	1/10	115	1500	1	3.6	Open Vent.	CW	SLV	3/8 X 2-5/8
D480	4.4	1/10	115 / 208-230	1550	1	4.5-2.2	Open Vent.	CW	SLV	3/8 X 3-1/8
D481	4.4	1/10	115 / 208-230	1550	1	4.5-2.2	Open Vent.	CCW	SLV	3/8 X 3-1/8
D435	4.4	1/10	230	1500	1	1.7	Open Vent.	CCW	SLV	3/8 X 2-5/8
D337	4.4	1/8-1/10-1/12-1/15	115	1550	4	4.1-2.7-2.3-1.9	Open Vent.	DS	SLV	7-1/2 X 1/2 X 7-1/2
D339	4.4	1/8-1/12	230	1550	2	2-1.4	Open Vent.	DS	SLV	6-1/2 X 1/2 X 6-1/2
D374	4.4	1/8-1/20	115	1500	2	4-2.5	Open Vent.	CW	SLV	3/8 X 2-1/2
D338	4.4	1/6-1/10-1/12-1/15	115	1550	4	5.4-3.2-2.5-2.1	Open Vent.	DS	SLV	7-1/4 X 1/2 X 7-1/4
D1006	4.4	1/4	115	1600	1	7.2	Open Vent.	CW	SLV	1/2 X 2-3/4
D249	5	1/50-1/80-1/160	115	1050	3	1.1-.6-.4	Open Vent.	DS	SLV	7-5/8 X 3/8 X 7-5/8
D340	5	1/40	115	1050	1	1.1	Tot. Encl.	CW	SLV	3/8 X 2-5/8
D143	5	1/30-1/40	115	1050	2	1.5-1	Open Vent.	CCW	SLV	1/2 X 1-5/8
D655	5	1/25-1/40-1/70	230	1050	3	.7-.5-.3	Open Vent.	DS	SLV	10 X 1/2 X 10
D255	5	1/25-1/50-1/80	115	1050	3	1.5-1-.6	Open Vent.	DS	SLV	7-1/2 X 1/2 X 7-1/2
D250	5	1/25-1/50-1/80	115	1050	3	1.5-1-.6	Open Vent.	DS	SLV	8 X 3/8 X 8
D1038	5	1/25	115	1050	1	1.4	Open Vent.	CW	SLV	1/2 X 2-1/2
D253	5	1/20-1/40-1/50	115	1050	3	2.2-1.4-.8	Open Vent.	DS	SLV	7-1/2 X 1/2 X 7-1/2
D252	5	1/20-1/40-1/70	115	1050	3	1.6-.8-.5	Open Vent.	DS	SLV	7-1/2 X 3/8 X 7-1/2
D1036	5	1/20	115	1045	1	1.95	Open Vent.	CW	SLV	3/8 X 2-1/8
D242	5	1/20	115	1050	1	2	Open Vent.	CW	SLV	3/8 X 3
D494	5	1/20	115 / 208-230	1050	1	3-1.6	Open Vent.	CW	SLV	3/8 X 3-1/8
D495	5	1/20	115 / 208-230	1050	1	3-1.6	Open Vent.	CCW	SLV	3/8 X 3-1/8
D257	5	1/15-1/20-1/25	277	1050	3	1.1-.7-.6	Open Vent.	DS	SLV	9 X 1/2 X 9
D389	5	1/15-1/20-1/30-1/50	115	1050	4	2.4-1.6-1.1-.8	Open Vent.	DS	SLV	10-1/4 X 1/2 X 10-1/4
D142	5	1/15-1/25	115	1050	2	2.6-1.6	Open Vent.	CW	SLV	3/8 X 2-3/8
D254	5	1/15-1/30-1/50	115	1050	3	2.1-1.3-.8	Open Vent.	DS	SLV	8 X 3/8 X 8
D251	5	1/15-1/35-1/50	208-230	1050	3	1.2-.5-.4	Open Vent.	DS	SLV	9-1/4 X 1/2 X 8-1/2
D342	5	1/15	115	1050	1	2.3	Open Vent.	CW	SLV	3/8 X 2-1/2
D140	5	1/15	115	1050	1	2.7	Open Vent.	CW	SLV	3/8 X 2-3/8
D492	5	1/15	115 / 208-230	1050	1	3.4-1.7	Open Vent.	CW	SLV	3/8 X 3-1/8
D493	5	1/15	115 / 208-230	1050	1	3.4-1.7	Open Vent.	CCW	SLV	3/8 X 3-1/8
D1054	5	1/12-1/20-1/25	115	1050	3	3.1-2.1-1.5	Open Vent.	CW	SLV	1/2 X 2-1/2
D160	5	1/10-1/12-1/15	115	1050	3	3.4-2.8-2.4	Open Vent.	CW	SLV	3/8 X 3-7/8
D256	5	1/10-1/20-1/30	115	1050	3	3.4-1.7-1	Open Vent.	DS	SLV	8 X 1/2 X 8
D176	5	1/10-1/20	115	1050	2	3.9-1.7	Open Vent.	CW	SLV	3/8 X 3
D293	5	1/10-1/30-1/40-1/45-1/50	115	1050	5	3.6-1.6-1.2-.8-.6	Open Vent.	DS	SLV	10-3/4 X 3/8 X 10-3/4
D289	5	1/10-1/30-1/40-1/45-1/50	115	1050	5	3.6-1.6-1.2-.8-.6	Open Vent.	DS	SLV	10-3/4 X 1/2 X 10-3/4
D154	5	1/10	115	1050	1	5	Open Vent.	CW	SLV	3/8 X 2-3/4
D148	5	1/10	115	1050	1	3.6	Open Vent.	CW	SLV	3/8 X 3-1/2
D144	5	1/10	115	1050	1	3.6	Open Vent.	CW	SLV	1/2 X 4-1/2
D490	5	1/10	115 / 208-230	1050	1	5-2.5	Open Vent.	CW	SLV	3/8 X 3-1/8
D491	5	1/10	115 / 208-230	1050	1	5-2.5	Open Vent.	CCW	SLV	3/8 X 3-1/8
D356	5	1/8-1/10-1/12	115	1050	3	4.7-3.7-3.2	Open Vent.	CW	SLV	1/2 X 3-1/2
D316	5	1/8-1/10	230	1050	2	2.1-1.8	Open Vent.	CW	SLV	1/2 X 3-1/2
D178	5	1/8-1/11	115	1050	2	4.5-3.4	Open Vent.	CW	SLV	1/2 X 4
D180	5	1/8-1/11	115	1050	2	4.5-3.4	Open Vent.	CW	SLV	1/2 X 4
D314	5	1/8-1/15	230	1050	2	2.3-1.5	Open Vent.	CW	SLV	1/2 X 5
D1046	5	1/8	115	1070	1	5.1	Open Vent.	CW	SLV	1/2 X 2-1/4

FASCO Motor Scope Selection Guide

SHADED POLE MOTORS - 4.4" DIAMETER (cont.)

FASCO MODEL#	DIA.	HP	VOLTS	RPM	SPD.	AMPS	ENCLOSURE	ROT.	BRNG.	SHAFT DIM.
D656	5	1/8	230	1050	1	2.1	Open Vent.	CW	SLV	1/2 X 3-7/8
D164	5	1/6-1/8-1/10-1/2	115	1050	4	6.5-4.8-4.3-3.7	Open Vent.	CW	SLV	1/2 X 4-1/2
D224	5	1/6-1/8-1/12	230	1050	3	3.2-2.3-1.8	Open Vent.	DS	SLV	10 X 1/2 X 10
D318	5	1/6-1/8	230	1050	2	3.1-2.2	Open Vent.	CW	SLV	1/2 X 3-1/2
D166	5	1/6-1/9	115	1050	2	7.2-3.8	Open Vent.	CW	SLV	1/2 X 3-1/2
D156	5	1/6	115	1050	1	6.6	Open Vent.	CW	SLV	1/2 X 3-7/8
D240	5	1/6	115	1050	1	6.2	Open Vent.	CW	SLV	1/2 X 3-1/2
D658	5	1/5-1/6-1/7-1/8	208-230	1050	4	4-3.4-3.1-2.4	Open Vent.	CW	SLV	1/2 X 5-1/4
D158	5	1/5-1/6-1/7	115	1050	3	6.7-5.3-4.7	Open Vent.	CW	SLV	1/2 X 4-1/8
S156	5	1/3	115	1050	1	6.6	Open Vent.	CW	SLV	1/2 X 3-7/8
D177	5	1/10-1/20	115	1050	2	3.9-1.7	Open Vent.	CCW	SLV	3/8 X 3-5/8
D1066	5	1/10	115	1050	1	3.6	Open Vent.	CW	SLV	1/2 X 2-3/4
D1028	5	1/8	115	1050	1	3.3	Open Vent.	CW	SLV	1/2 X 2-1/2

SPLIT PHASE MOTORS

FASCO MODEL#	HP	VOLTS	RPM	SPD.	AMPS	ENCLOSURE	ROT.	BRNG.	SHAFT DIM.
D6002	1/4	115 / 230	1725	1	5.2-2.6	Open Drip Proof	REV	BALL	1/2 X 1-1/2
D6004	1/3	115 / 230	1725	1	6.2-3.1	Open Drip Proof	REV	BALL	1/2 X 1-1/2
D6006	1/2	115 / 230	1725	1	8.6-4.3	Open Drip Proof	REV	BALL	1/2 X 1-1/2

C-Frame - Shaded Pole Motors

MARS SERIES **070**

FIG. A
K114, K102

FIG. B
K628

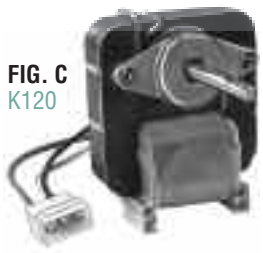


FIG. C
K120

FIG. E
K673, K670, K672

FIG. F
K130

FIG. G
K101

FIG. H
K683

FIG. I
K111

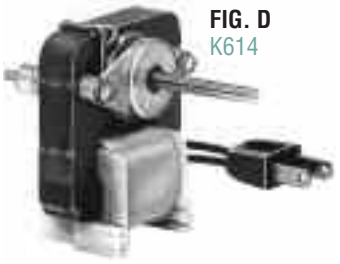


FIG. D
K614

FIG. J
K100

FIG. K
K611

FIG. L
K115

FIG.M
K629

FIG. N
K109, K110

FIG. O
K113

FASCO MODEL#	HP	VOLTS	RPM	SPD.	AMPS	ROT.	SHAFT DIM.	STACK in./mm	APPL.	CROSS REF.	FIG.	NOTES
K114	1/500	115	1100	1	0.64	CCW	.181 X 1.75	.5/12.7	Refrigeration Fan	Hussman 301-5734	A	7
K628	1/200	208-230	3000	1	0.25	CW	1/4 X 1-1/2	.75/19.0			B	8
K102	1/200	115	1100	1	0.64	CW	.181 X 1.5	.562/14.2	Wall Heater	Fasco 1235-0007 or 7102-0003	A	7,9
K120	1/200	115	3000	2	.4-.25	CW	.217 X 1.55	.562/14.2	Ductless Rangehood	Arrowhood 602, 605, 607, UPPCO 37F2M	C	7,10
K614	1/150	115	3000	1	0.6	CW	.217 X 1.625	.562/14.2	Vent Fan	General Replacement	D	7
K673	1/150	115	3000	2	.5-.35	CCW	.1875 X 1.75	.625/15.8	Vent Fan	EM673	E	8,10
K670	1/150	115	3000	1	0.5	CCW	.1875 X 1.75	.625/15.8	Vent Fan	GEM EM 670, ACME AM-4670, SUPCO SM-670, MARS 90971	E	8
K130	1/150	115	3000	1	0.43	CW	.181 X 1	.625/15.8	Vent Fan	Standard Replacement 5/8" STACK	F	7,9
K101	1/150	230	1260	1	0.58	CCW	.217 X 1.34	1.25/31.7	Wall Heater	Fasco 8767-8036 or 7102-0001	G	7
K672	1/150	240	3000	1	0.25	CCW	.1875 X 1.75	.625/15.8	Vent Fan	GEM EM 672, Acme 602/702 WESTWARD 14005	E	8
K683	1/150	240	3000	1	0.25	CW	.1875 X 1.75	.875/22.2	Vent Fan	GEM EM683, WESTWARD 14025	H	7
K111	1/120	115	3000	1	1.1	CCW	.217 X 1.94	.562/14.2	Vent Fan	NUTONE 65878, WESTWARD VFM 100	I	7
K100	1/100	115	2750	1	0.71	CW	.181 X 1.11	.625/15.8	Vent Fan	Fasco 0648-0027, 642, 643, 645, 646, 647, A647, B647, 648S, 664, A664, 667, A667, B667 and many others	J	7,9
K611	1/100	115	3000	1	0.67	CCW	.25 X 2.45	.75/19.0	Vent Fan	BROAN 162	K	7
K115	1/100	120	3000	1	0.64	CW	.217 X 1.75	.75/19.0	Heater	NUTONE 66582, 9605-N, 9665-N, 9093-N WESTWARD VFM 104	L	7
K629	1/85	115	2950	1	0.67	CW	1/4 X 1-1/8	1.00/25.4			M	8
K109	1/75	115	3000	1	0.9	CCW	.217 X 2.37	.75/19.0	Vent Fan	NUTONE C-68626, C-68627, WESTWARD VFM 106	N	7
K110	1/75	115	3000	1	0.9	CCW	.217 X 2.37	.75/19.0	Vent Fan	BROAN 99-08-0165, 670A	N	7,11
K113	1/70	115	3000	1	1.2	CCW	.217 X 1.15	.75/19.0	Vent Fan	NUTONE 63675, 9605-N, 9665-N, WESTWARD VFM 103	O	7

NOTES: 7: Packed 6 per carton 8: Packed 1 per carton 9: Use Fan Blades with round hub I.D. 10: Two Speed Motor 11: K110 has maximum flat length

C-Frame - Shaded Pole Motors

MARS SERIES **070**

FIG. A
K612

FIG. B
K610

FIG. C
K112

FIG. D
K161

FIG. E
K-FAN4032,
K-FAN4031

FIG. F
K-FAN6009,
K-FAN6046

FIG. G
K-FAN6010

FIG. H
K-FAN6012

FIG. I
K-FAN6013

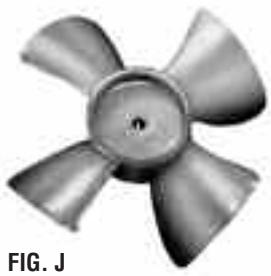


FIG. J
K-FAN6011

FIG. K
K-NUT, K-NUT6002

FASCO MODEL#	HP	VOLTS	RPM	SPD.	AMPS	ROT.	SHAFT DIM.	STACK in./mm	APPL.	CROSS REF.	FIG.	NOTES
K612	1/65	115	3000	1	0.8	CW	.25 X 2.7	1.00/25.4	Vent Fan	UPPCO 99080145, BROAN 162	A	7
K610	1/60	115	3000	2	.88 - .68	CCW	.217 X 1.3	1.00/25.4	Rangehood	ROTOM R610 ELECTROHOME 2858-207-002, BROAN 30080011	B	7,10
K112	1/50	115	3000	2	1 - .5	CW	.217 X 1.46	1.00/25.4	Rangehood	NUTONE 52367, WESTWARD VFM 101	C	7,10
K161	1/50	115	3000	1	1.05	CCW	.217 X 1.21	1.00/25.4	Icemaker	AEROVOX S11000017, MATHIESEN	D	7

NOTES: 7: Packed 6 per carton 10: Two Speed Motor

Fan Blades Used with K-Line Motors

FASCO MODEL#	ROT.	DESCRIPTION	BORE DIA.	FAN DIA.	FITS SHAFT DIA.	FIG.
K-FAN4032		"D" shaped hub	0.2178	4.625		E
K-FAN4031		Round bore hub	0.1811	4.625		E
K-FAN6009	CW	"D" shaped hub	0.2178	6.625		F
K-FAN6010	CW	Round bore hub	0.1811	4		G
K-FAN6012	CW	Round bore hub	0.1811	3.5		H
K-FAN6013	CCW	Round bore hub	0.1811	5.5		I
K-FAN6011	CW	Round bore hub	0.1811	4		J
K-FAN6046	CCW	Round bore hub	0.1811	5.5		F
K-NUT		Push nut			0.1811	K
K-NUT6002		Push nut			0.2178	K

General Purpose Motors

3.3 inch dia. MARS SERIES 072

FIG. A
D200, 201

FIG. B
D229, D230

FIG. C
D202, D203, D206, D210, D216

FIG. D
D228

FIG. E
D207

FIG. F
D213, D211

FIG. G
D402, D403

FIG. H
D205

FIG. I
D608, D208

FIG. J
D209

FIG. K
D214, D215, D220

FIG. L
D218, D219

FIG. M
D404, D405

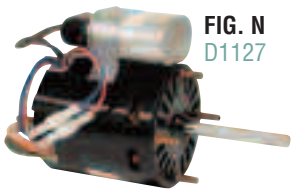


FIG. N
D1127

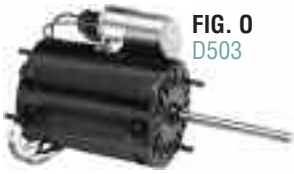


FIG. O
D503

FASCO MODEL#	TYPE	HP	VOLTS	RPM	SPD.	AMPS	ENCLOSURE	ROT.	BRNG.	SHAFT DIM. DIM.	"A" DIM.	FIG.	NOTES
D200	SP	1/85	115	3000	1	0.6	Open Ventilated	CW	SLV	2-3/8 X 1/4 X 3/4	2	A	15,16,17
D201	SP	1/85	115	3000	1	0.6	Open Ventilated	CCW	SLV	1/4 X 1-3/8	2 1/4	B	15,16,17
D1130	SP	1/200	115	1550	1	0.5	Open Ventilated	–	SLV	None	3 1/8	-	-
D229	SP	1/100	115	3000	1	0.55	Open Ventilated	CCW	SLV	1/4 X 3-1/2	2 1/2	B	15
D230	SP	1/100	115	3000	1	0.55	Open Ventilated	CW	SLV	1/4 X 3-1/2	2 1/2	C	15
D202	SP	1/85	115	3000	1	0.6	Open Ventilated	CW	SLV	1/4 X 2-1/4	2 3/8	D	15
D228	SP	1/80	115	3000	1	0.8	Open Ventilated	CW	SLV	1/4 X 2	2 1/2	C	15
D203	SP	1/40	115	3000	1	1	Open Ventilated	CCW	SLV	1/4 X 2-1/4	2 3/4	C	15
D206	SP	1/30	115	3000	1	1.2	Open Ventilated	CW	SLV	1/4 X 2-1/4	2 3/4	E	15
D207	SP	1/30	230	3000	1	0.6	Open Ventilated	DS	SLV	2-1/4 X 1/4 X 2-1/4	2 3/4	C	15
D210	SP	1/25	115	3000	1	1.3	Open Ventilated	CW	SLV	1/4 X 2-1/4	3 1/4	C	15
D216	SP	1/25	230	3000	1	0.65	Open Ventilated	CW	SLV	1/4 X 2-1/4	3 1/4	C	15
D213	SP	1/15	115	3000	1	2.1	Open Ventilated	DS	SLV	2-3/4 X 1/4 X 2-3/4	3 7/8	F	15
D211	SP	1/15	230	3000	1	1.1	Open Ventilated	DS	SLV	2-1/2 X 1/4 X 2-1/2	3 7/8	F	15
D402	SP	1/60	115	3000	1	0.75	Totally Enclosed	CW	SLV	1/4 X 1-3/4	2 3/8	G	15
D403	SP	1/60	115	3000	1	0.75	Totally Enclosed	CCW	SLV	1/4 X 2-1/4	2 3/8	G	15
D205	SP	1/40-1/70	115	3000	2	1 - .5	Totally Enclosed	DS	SLV	3 X 1/4 X 3	2 7/8	H	15
D608	SP	1/50	230	3000	1	0.6	Open Ventilated	CW	SLV	1/4 X 1-5/16	3 3/4	I	18
D209	SP	1/30	115	3000	1	1.1	Open Ventilated	DS	SLV	3-1/4 X 1/4 X 3-1/4	3 5/8	J	18
D208	SP	1/30	115	3000	1	1.1	Open Ventilated	CW	SLV	1/4 X 3	3 5/8	I	18
D214	SP	1/20	115 / 230	3000	1	1.7-.8	Totally Enclosed	CW	SLV	5/16 X 6-1/2	4 5/8	K	18,19
D215	SP	1/20	115 / 230	3000	1	1.7-.8	Totally Enclosed	CCW	BALL	5/16 X 6-1/2	4 5/8	K	18
D220	SP	1/20	115 / 230	3000	1	1.7-.8	Totally Enclosed	CW	BALL	5/16 X 6-1/2	4 5/8	K	18
D218	PSC	1/20	115	3000	1	0.8	Totally Enclosed	REV	BALL	5/16 X 2-1/4	4 3/8	L	18,20
D219	PSC	1/8	115	3000	1	1.8	Totally Enclosed	REV	BALL	5/16 X 2-1/4	5 1/8	L	18,20
D404	PSC	1/10	208-230	3000	1	0.8	Open Ventilated	REV	BALL	5/16 X 3-1/4	4 1/4	M	15,21
D405	PSC	1/10	115	3000	1	1.4	Open Ventilated	REV	BALL	5/15 X 3-1/4	4 1/4	M	15,21
D1127	PSC	1/12-1/15-1/20	115 / 230	1550	1	1.1 / 0.6	Open Ventilated	REV.	SLV	5/16 X 3	3 1/2	N	-
D503	PSC	1/10	230	1500	1	0.95	Open Ventilated	REV	SLV	5/16 X 3-3/4	4 5/8	O	15

NOTES: 15: Air Over 16: Skeleton Motor 17: 3.25" Diameter 18: Self Cooled 19: Popular ice machine pump motor 20: 4M 370V Capacitor included 21: 10M 440V Capacitor included

All Fasco PSC motors use a 5 mfd at 370 VAC run capacitor, MARS # 12005 or equivalent, unless otherwise noted.

FASCO

General Purpose Motors

3.3 inch dia. MARS SERIES 072

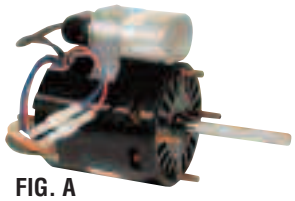


FIG. A
D1127

FIG. B
D107

FIG. C
D129, D128, D136

FIG. D
D119

FIG. E
D120, D121, D609
D603, D126, D127'
D190, D532, D181

FIG. F
D1134

FIG. G
D106, D105

FIG. H
D514, D515

FIG. I
D332

FIG. J
D364

FIG. K
D365

FIG. L
D184

FIG. M
D636

FIG. N
D132, D133, D188

Open Vent., Sleeve Bearing

FASCO MODEL#	TYPE	HP	VOLTS	RPM	SPD.	AMPS	ROT.	SHAFT DIM.	"A" DIM.	FIG.	NOTES
D1127	PSC	1/12	115/230	1550	1	1.1/0.6	REV	5/16 X 3	3.5	A	132
D107	SP	1/160	208 - 240	600	1	0.5	CCW	5/16 X 1	2.625	B	15
D129	SP	1/125-1/200	115	1500	2	.4 - .3	DS	3-1/4 X 1/4 X 3-1/4	2.125	C	15,22
D1119	SP	1/90	240	1500	1	0.34	CCW	1/4 X 1-1/2	2.25	D	15
D120	SP	1/70	115	1500	1	0.7	CW	1/4 X 2-1/4	2.125	E	15
D121	SP	1/70	115	1500	1	0.7	CCW	1/4 X 2-1/4	2.125	E	15
D1134	SP	1/50-1/65-1/80	115	1500	3	1.1 - .8 - .6	CW	1/4 X 1-3/4	2.25	F	15
D609	SP	1/50	115	1500	1	0.9	CCW	1/4 X 2-1/4	2.1875	E	15
D603	SP	1/50	115	1500	1	0.9	CW	1/4 x 2-3/8	2.1875	E	15
D126	SP	1/40	115	1500	1	1.1	CW	5/16 X 2-1/4	2.5	E	15
D127	SP	1/40	115	1500	1	1	CCW	5/16 X 2-1/4	2.5	E	15
D128	SP	1/40-1/50-1/80	115	1500	3	1.3 - .9 - .6	DS	4 X 5/16 X 4	2.5	C	15
D190	SP	1/40	230	1500	1	0.6	CW	1/4 X 2-1/4	2.5	E	15
D106	SP	1/40	115	1500	1	0.9	CCW	1/4 X 1-3/4	2.125	G	15
D105	SP	1/37	115	1500	1	0.94	CCW	1/4 X 1-1/2	2.125	G	15
D136	SP	1/30	115	1500	1	1.3	DS	2 X 5/16 X 2	3.25	C	15
D514	SP	1/30	115	1500	1	1.3	CW	5/16 X 2-1/4	2.75	H	15
D515	SP	1/30	115	1500	1	1.3	CCW	5/16 X 2-1/4	2.625	H	15
D532	SP	1/30-1/112	115	1500	2	1.4 - .8	CW	5/16 X 1-1/2	2.75	E	15
D181	SP	1/30-1/40	115	1500	2	1.3 - 1	CCW	5/16 X 2-1/4	2.625	E	15
D332	SP	1/25-1/65	115	1500	2	1.5 - .8	CW	5/16 X 2	3.25	I	15
D364	SP	1/25	115	1500	1	1.8	DS	1-7/8 X 5/16 X 1-7/8	2.875	J	15
D365	SP	1/25	115	1500	1	1.8	DS	1-7/8 X 5/16 X 1-7/8	2.875	K	15,23
D184	SP	1/25	115	1500	1	1.2	CW	5/16 X 1-7/8	3	L	15,24
D636	SP	1/25	230	1500	1	0.69	DS	2-1/4 X 5/16 X 2-1/4	3.25	M	15
D132	SP	1/20	115	1500	1	1.8	CW	5/16 X 2-1/4	2.75	N	15
D133	SP	1/20	115	1500	1	1.8	CCW	5/16 X 2-1/4	2.75	N	15
D188	SP	1/20	230	1500	1	0.9	CW	5/16 X 2-1/4	2.875	N	15

NOTES: 15: Air Over 22: Impedance Protected 23: Has hubs for end rings 24: Closed construction 132: Low Temp Oil

All Fasco PSC motors use a 5 mfd at 370 VAC run capacitor, MARS # 12005 or equivalent, unless otherwise noted.

General Purpose Motors

3.3 inch dia. MARS SERIES 072

FIG. A
D189, D186

FIG. B
D109

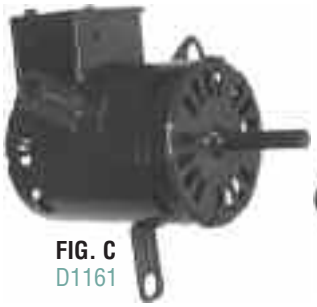


FIG. C
D1161

FIG. D
D540, D541

FIG. E
D1109

FIG. F
D1162

FIG. G
D122, D123, D182, D124, D125, D601, D602, D624

FIG. H
D1139

FIG. I
D534

FIG. J
D137

FIG. K
D1118

FIG. L
D1164

Shaded Pole, Air Over

FASCO MODEL#	HP	VOLTS	RPM	SPD.	AMPS	ENCLOSURE	ROT.	BRNG.	SHAFT DIM.	"A" DIM.	FIG.
D189	1/20	230	1500	1	0.9	Open Ventilated	CCW	SLV	5/16 X 2-1/4	2 7/8	A
D186	1/20	460	1500	1	0.4	Open Ventilated	CW	SLV	5/16 X 2-1/3	2 7/8	A
D109	1/15	115	1600	1	2.1	Open Ventilated	CW	SLV	5/16 X 3	3	B
D1161	1/15-1/25	115	1500	2	2.9-1.9	Open Ventilated	CCW	SLV	5/16 X 2	4 1/4	C
D540	1/100	115	1500	1	0.6	Totally Enclosed	CW	SLV	1/4 X 2-1/4	2 1/8	D
D541	1/100	115	1500	1	0.6	Totally Enclosed	CCW	SLV	1/4 X 2-1/4	2 1/8	D
D1109	1/100	115	1500	1	0.65	Totally Enclosed	CCW	SLV	1/4 X 1-1/4	2 1/16	E
D1162	1/100	115	1500	1	0.6	Open Ventilated	REV	SLV	5/16 X 1	3 1/2	F
D122	1/80	115	1500	1	0.6	Totally Enclosed	CW	SLV	1/4 X 2-1/4	2 1/8	G
D123	1/80	115	1500	1	0.6	Totally Enclosed	CCW	SLV	1/4 X 2-1/4	2 1/8	G
D182	1/60	115	1500	1	0.6	Totally Enclosed	CW	SLV	5/16 X 2-1/4	2 3/4	G
D124	1/50	115	1500	1	0.75	Totally Enclosed	CW	SLV	1/4 X 2-1/4	2 1/2	G
D125	1/50	115	1500	1	0.75	Totally Enclosed	CCW	SLV	1/4 X 2-1/4	2 1/2	G
D601	1/50	115	1500	1	0.9	Totally Enclosed	CCW	SLV	1/4 X 2-1/4	2 3/16	G
D602	1/50	115	1500	1	0.9	Totally Enclosed	CW	SLV	1/4 X 2-1/4	2 3/16	G
D624	1/50	230	1500	1	0.4	Totally Enclosed	CW	SLV	1/4 X 2-1/4	2 1/2	G
D1139	1/50-1/80-1/125	115	1500	3	0.88	Open Ventilated	CW	SLV	2-1/2 X 5/16 X 1-1/8	2 13/16	H
D534	1/35-1/100	115	1500	2	1.4-.5	Totally Enclosed	CW	SLV	1/4 X 1	2 1/2	I
D137	1/30-1/65	115	1500	2	1-.7	Totally Enclosed	DS	SLV	3 X 5/16 X 3	2 7/8	J
D1118	1/30	240	1500	1	0.6	Open Ventilated	CW	BALL	5/16 X 3-1/2	2 13/16	K
D1164	1/25	115 / 230	1550	1	1.3-.65	Totally Enclosed	CW	SLV	5/16 X 2-1/2	3 1/8	L

Refrigeration Fan Motors - Shaded Pole

3.3 inch dia. MARS SERIES 072

FIG. A
D429, D437

FIG. B
D431

FIG. C
D477, D471, D470, D472, D473

FIG. D
D475, D498

FIG. E
D469

Shaded Pole, 1550 RPM, Single Speed, Sleeve Bearing

FASCO MODEL#	HP	VOLTS	AMPS	ENCLOSURE	ROT.	SHAFT DIM.	"A" DIM.	"C" DIM.	CROSS REF.	FIG.	NOTES
D429	9 Watts	115	0.6	Totally Enclosed	CCW	HUB		3	GE 5411	A	25,26,27,28
D431	1/80	230	0.3	Totally Enclosed	CCW	HUB	2 1/8		GE 5421	B	
D437	16 Watts	115	1.1	Totally Enclosed	CCW	HUB	2 7/8	3 7/32	GE 5811	A	25,26,27,28
D477	1/35	208 / 230	0.75	Open Ventilated	CCW	5/16 X 1-5/8	4 1/4		GE 1432	C	29,30
D471	1/20	208 - 230	1.1	Open Ventilated	CCW	5/16 X 2-1/2	4 1/4		GE 1332	C	29,30
D470	1/20	208 - 230	0.94	Open Ventilated	CW	5/16 X 2-5/8	4 1/4		GE 1342	C	29,30
D472	1/20	115	1.9	Open Ventilated	CW	5/16 X 2-5/8	4 1/4		GE 1341	C	29,30
D473	1/20	115	2	Open Ventilated	CCW	5/16 X 2-5/8	4 1/4		GE 1331	C	29,30
D1129	1/20	115/230	0.7/.35	Totally Enclosed	CW	5/16 x 1 5/8	3 1/8				
D475	1/12	460	0.5	Open Ventilated	CCW	5/16 X 2-1/2	4 1/2			D	29,30,31,32
D498	1/12	460	0.5	Open Ventilated	CW	5/16 X 2-1/2	4 1/2			D	29,29,30,32
D469	1/12	208 - 230	1.3	Open Ventilated	CCW	5/16 X 2-1/8	4 1/3		GE 1232	E	29,30

NOTES: 25: Mounting bracket designed to match the original motor (four 8-36 drilled and tapped holes) 26: Mounting hardware included 27: Has 22" leads with 1/16" thick insulation 28: Three studs opposite shaft end area are 8-32 on a standard 2.84" bolt circle, 120° apart 29: 3.9" diameter 30: includes 1/2" studs for mounting 31: See Tecumseh OEM section for cross references 32: Do not have extended hubs or rubber rings for base mount

Refrigeration Fan Motors - Shaded Pole

3.3 inch dia. MARS SERIES 072

FIG. A
D1124, D1126

FIG. C
D1120, D1121

FIG.E
D1152, D1154,
D1101, D1103

FIG. B
D1125

FIG. D
D1243, D1245

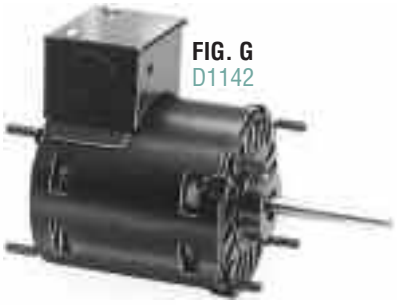


FIG. G
D1142

FIG. F
D1144

FIG. H
D1164

FIG. I
D1102

Sleeve Bearing

FASCO MODEL#	TYPE	HP	VOLTS	RPM	SPD.	AMPS	ENCLOSURE	ROT.	SHAFT DIM.	"A" DIM.	FIG.	NOTES
BOHN												
D1124	SP	1/20	115	1550	1	2.1	Open Ventilated	CW	5/16 X 3	3	A	33
D1126	SP	1/15	230	1550	1	1.1	Open Ventilated	CW	5/16 X 3	3.5	A	33
D1125	PSC	1/12	208-230	1550	1	0.4	Open Ventilated	CW	5/16 X 2-5/8	3.75	B	20,34
KEEPRITE												
D1120	SP	1/20	115	1550	1	2.1	Open Ventilated	CW	5/16 X 2-1/2	3.5	C	
D1121	SP	1/20	208-230	1550	1	1	Open Ventilated	CW	5/16 X 2-1/2	3.5	C	
D1243	PSC	1/20	115	1550	1	0.8	Open Ventilated	CCW	5/16 X 2-3/4	4.125	D	
D1245	PSC	1/20	230	1550	1	0.4	Open Ventilated	CCW	5/16 X 2-3/4	4	D	
KRAMER-TRENTON												
D1152	SP	1/20	115	1500	1	1.7	Open Ventilated	CW	5/16 X 2-3/8	2.875	E	
D1154	SP	1/20	230	1500	1	1	Open Ventilated	CW	5/16 X 2-3/8	3.125	E	
LARKIN COIL												
D1101	SP	1/20	115	1500	1	1.9	Open Ventilated	CCW	5/16 X 2-1/4	2.75	E	33
D1103	SP	1/20	208-230	1500	1	1.15	Open Ventilated	CCW	5/16 X 2-1/4	3	E	33
McQUAY												
D1144	PSC	1/25-1/35-1/65	115	1200	3	1.1-.9-.6	Open Ventilated	CW	3/8 X 5-3/8	4.75	F	35
D1142	SP	1/15	115/230	1500	1	1.7-.9	Open Ventilated	CW	5/16 X 2-1/2	3.5	G	34
SINGER												
D1164	SP	1/25	115/230	1550	1	1.3-.65	Totally Enclosed	CW	5/16 X 2-1/2	3.125	H	
WITT												
D1102	PSC	1/20	115/230	1550	1	.75-.4	Open Ventilated	CW	5/16 X 2-5/8	3.5	I	

NOTES: 25: 4M 370V Capacitor included 33: Shell Turbo 68, low temp. oil (-40˚F) 34: Bolt Circle = 3.15" 35: PSC use 4M 370V Capacitor

All Fasco PSC motors use a 5 mfd at 370 VAC run capacitor, MARS # 12005 or equivalent, unless otherwise noted.

Self-Cooled

3.3 inch dia. MARS SERIES 072

FIG. A
D134, D135, D227

FIG. B
D1138

FIG. C
D192, D226, D334, D234, D235

FIG. D
D138, D238

FIG. E
D167, D169, D130, D131, D330

FIG. F
D1173

FIG. G
D504

FASCO MODEL#	TYPE	HP	VOLTS	RPM	SPD.	AMPS	ENCLOSURE	ROT.	BRNG.	SHAFT DIM.	"A" DIM.	FIG.	NOTES
D134	SP	1/25	115	1500	1	1.6	Totally Enclosed	CW	SLV	5/16 X 2-1/4	4.25	A	
D1138	SP	1/50-1/80-1/140	115	1500	3	.9-.6-.5	Open Ventilated	CW	SLV	5/16 X 2-1/2	4	B	
D135	SP	1/25	115	1500	1	1.6	Totally Enclosed	CCW	SLV	5/16 X 2-1/4	4.25	A	
D192	SP	1/25	230	1500	1	0.9	Totally Enclosed	CW	SLV	5/16 X 2-1/4	4.25	C	
D226	SP	1/20	115	1500	1	1.6	Totally Enclosed	CW	BALL	5/16 X 2-1/4	4.25	C	
D227	SP	1/20	115	1500	1	1.7	Totally Enclosed	CCW	BALL	5/16 X 2-1/4	4.25	A	
D334	SP	1/15	230	1500	1	1.4	Totally Enclosed	CW	BALL	5/16 X 3	4.75	C	
D234	SP	1/15	115	1500	1	2.2	Totally Enclosed	CW	SLV	5/16 X 2-1/4	4.75	C	
D235	SP	1/12	115	1500	1	2.2	Totally Enclosed	CCW	SLV	5/16 X 2-1/4	4.75	C	
D138	SP	1/25	115	1500	1	1.6	Totally Enclosed	CW	SLV	5/16 X 2-5/8	4.5	D	
D238	SP	1/15	115	1500	1	2.3	Totally Enclosed	CW	SLV	5/16 X 2-5/8	4.5	D	36
D167	SP	1/70	115	1500	1	0.7	Open Ventilated	CW	SLV	1/4 X 3	2.875	E	
D169	SP	1/70	115	1500	1	0.7	Open Ventilated	CCW	SLV	1/4 X 3	3	E	
D130	SP	1/40	115	1500	1	1	Open Ventilated	CW	SLV	5/16 X 4-1/8	3.33	E	
D131	SP	1/40	115	1500	1	1	Open Ventilated	CCW	SLV	5/16 X 2-1/4	3.33	E	
D330	SP	1/40	230	1500	1	0.5	Open Ventilated	CW	SLV	5/16 X 2-1/4	3.875	E	
D1173	SP	1/30	115	1500	1	1.2	Open Ventilated	CW	BALL	5/16 X 2-1/2	3.875	F	
D504	PSC	1/8	115/230	1500	1	1.6-.8	Open Ventilated	REV	SLV	5/16 X 3-1/2	5.5	G	37,38

NOTES: 36: With conduit box 37: PSC motor requiring a 10M 370V Capacitor 38: 3.91" diameter

All Fasco PSC motors use a 5 mfd at 370 VAC run capacitor, MARS # 12005 or equivalent, unless otherwise noted.

Window A/C Motors

3.3 inch dia. MARS SERIES 072

FIG. A
D1111

FIG. B
D366, D367

FIG. C
D325

FIG. D
D1176

FIG. E
D323

FIG. G
D326

115 VOLT

FASCO MODEL#	TYPE	HP	RPM	SPD.	AMPS	ENCLOSURE	ROT.	BRNG.	SHAFT DIM.	"A" DIM.	FIG.	NOTES
D1111	SP	1/18-1/30	1330	2	2.4-1.2	Open Ventilated	CCW	SLV	3-1/8 X 5/16 X 2-3/8	3 1/2	A	39
D366	SP	1/14-1/25	1550	2	2.5 - 1.5	Open Ventilated	DS	SLV	6-3/8 X 5/16 X 6-3/8	3 1/4	B	
D367	SP	1/12-1/20-1/30	1550	3	3-2.1-1.7	Open Ventilated	DS	SLV	5-3/4 X 5/16 X 5-3/4	3 5/8	B	
D325	SP	1/10-1/30	1550	2	2.5-2.3	Open Ventilated	CCW	SLV	1-3/4 X 5/16 X 2-3/8	3 1/2	C	39
D1176	PSC	1/15-1/25	1550	2	1-.8	Totally Enclosed	DS	SLV	4-7/8 X 3/8 X 4-7/8	4	D	40
D323	PSC	1/15-1/20-1/35	1550	3	1-.8-.6	Totally Enclosed	DS	SLV	2-3/4 X 5/16 X 2-3/4	3 3/4	E	41,42
D326	PSC	1/10-1/20-1/25	1550	3	2.2-1.8-1.5	Open Ventilated	DS	BALL	5-1/2 X 5/16 X 3	4 1/8	G	44

NOTES: 25: Mounting bracket designed to match the original motor (four 8-36 drilled and tapped holes) 26: Mounting hardware included 27: Has 22" leads with 1/16" thick insulation 28: Three studs opposite shaft end area are 8-32 on a standard 2.84" bolt circle, 120° apart 29: 3.9" diameter 30: includes 1/2" studs for mounting 31: See Tecumseh OEM section for cross references 32: Do not have extended hubs or rubber rings for base mount

All Fasco PSC motors use a 5 mfd at 370 VAC run capacitor, MARS # 12005 or equivalent, unless otherwise noted.

Flue Exhaust & Draft Booster Blower Motors

3.3 inch dia. MARS SERIES 072

FIG. A
D222

FIG. B
D520

FIG. C
D1186, D1184

FIG. D
D410, D412

FIG. E
D418, D415

FIG. F
D1191

FIG. G
D1192

FIG. H
D1196

FIG. I
D1198

FIG. J
D1194

FIG. K
D1193

FIG. L
D1188

FIG. M
D408

FIG. N
D1167

FIG. O
D455

FASCO MODEL#	TYPE	HP	VOLTS	RPM	SPD.	AMPS	ENCLOSURE	ROT.	BRNG.	SHAFT DIM.	"A" DIM.	FIG.	NOTES
D222	SP	1/25	115	1500	1	1.6	Totally Enclosed	DS	SLV	2-1/4 X 5/16 X 2-1/4	2.875	A	15
D520	SP	1/20-1/50-1/100	115	1500	3	2-1-.6	Totally Enclosed	CW	SLV	1/4 X 2-1/4	3.125	B	15,45,46
D1186	PSC	1/16	460	3450	1	0.3	Open Ventilated	CCW	BALL	5/16 X 3-1/3	4.75	C	40
D1184	PSC	1/16	460	3450	1	0.3	Open Ventilated	CCW	BALL	5/16 X 3-1/3	4.75	C	40,47
D410	PSC	1/10	115	3000	1	1.5	Open Ventilated	REV	BALL	1/4 X 3-3/4	7.125	D	48,49,50,51
D412	PSC	1/9	230	3000	1	0.7	Open Ventilated	REV	BALL	1/4 X 3-3/4	6.625	D	40,49,50,51
D418	SP	1/50	115	1550	1	1.1	Open Ventilated	CW	BALL	1/4 X 3	5.5	E	50,51
D415	SP	1/40	115	1550	1	1.1	Open Ventilated	CCW	BALL	1/4 X 3	5.5	E	50,51
D1191	SP	1/40	460	3200	1	0.37	Open Ventilated	CCW	BALL	1/4 X 2-1/2	5.75	F	49,50,51
D1192	SP	1/40	115	3000	1	0.7	Open Ventilated	CCW	SLV	5/16 X 1-1/2	5.33	G	51
D1196	SP	1/33	115	3200	1	1.5	Open Ventilated	CCW	SLV	5/16 X 2-1/3	3.25	H	50
D1198	SP	1/30	115	3200	1	1.5	Open Ventilated	CCW	SLV	5/16 X 2-1/4	3.125	I	50
D1194	SP	1/25	115	3200	1	1.7	Open Ventilated	CW	BALL	5/16 X 1-1/3	5.5	J	51
D1193	SP	1/22	115	3000	1	1.2	Open Ventilated	CCW	SLV	5/16 X 2-1/3	2.875	K	50
D1188	SP	1/15	208-230/460	3000	1	1.1-.6	Open Ventilated	CW	BALL	5/16 X 2	6.625	L	50,51
D408	SP	1/150	115	3000	1	0.5	Open Ventilated	CW	SLV	1/4 X 1-1/2		M	49,51,52
D1167	SP	1/40	208 - 230	3000	1	0.55	Open Ventilated	CCW	SLV	5/16 X 1		N	51
D455	SP	1/30	115 / 230	3000	1	1.3-.7	Open Ventilated	CCW	BALL	1/4 X 3-7/8		O	49,51

NOTES: 15: Air Over 40: 4M370V Capacitor 45: Mechanically Reversible 46: Endshield on D520 is easily removed, allowing rotor and shaft to be rotated, thereby reversing motor rotation 47: Has Hall Effect sensor 48: 7.5M 370 V Capacitor 49: Motors include shaft bushing 50: Stainless steel shaft 51: Includes centrifugal switch 52: Drilled & Tapped Holes (No. 8-32NC) in face of case at shaft end for mounting in various Coleman mobile home furnace applications, also has mounting studs

All Fasco PSC motors use a 5 mfd at 370 VAC run capacitor, MARS # 12005 or equivalent, unless otherwise noted.

Flue Exhaust & Draft Booster Blower Motors

3.3 inch dia. MARS SERIES 072

FIG. A
D454

FIG. C
D1169

FIG. E
D1190

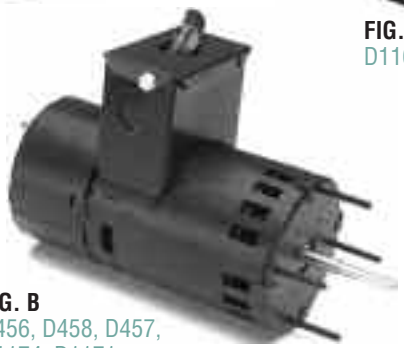


FIG. B
D456, D458, D457,
D1174, D1171

FIG. D
D1179, D1180

Shaded Pole, Single Speed

FASCO MODEL#	HP	VOLTS	RPM	AMPS	ENCLOSURE	ROT.	BRNG.	SHAFT DIM.	FIG.	NOTES
D454	1/30	115	3000	1.5	Open Ventilated	CW	SLV	1/4 X 1-1/2	A	49,51,53
D456	1/15	115 / 230	3000	2.1	Totally Enclosed	CW	BALL	1/4 X 2-3/4	B	49,50,51
D458	1/15	208 - 230	3000	1	Open Ventilated	CW	BALL	1/4 X 2-3/4	B	49,50,51
D457	1/15	115 / 230	3000	2.1	Open Ventilated	CCW	BALL	1/4 X 2-3/4	B	49,50,51
D1174	1/15	460	3000	0.6	Open Ventilated	CW	BALL	1/4 X 2-1/2	B	49,51
D1171	1/15	460	3000	0.6	Open Ventilated	CCW	BALL	1/4 X 2-1/2	B	49,51
D1169	1/10	208 - 230	3000	1.5	Open Ventilated	CCW	SLV	5/16 X 1	C	51
D1179	1/30	115	3000	1.5	Open Ventilated	CW	SLV	5/16 X 2	D	50
D1190	1/30	115	3000	1.6	Open Ventilated	CW	SLV	5/16 X 1-3/4	E	50
D1180	1/20	115	3300	1.9	Open Ventilated	CW	SLV	5/16 X 2-1/8	D	50

NOTES: 49: Motors include shaft bushing 50: Stainless steel shaft 51: Includes centrifugal switch 53: Used in Economite, “E-20”, LS1/Miller and Mid Continent gas units

General Purpose Motors

4.4 inch dia. MARS SERIES 073

FIG. A
D1061

FIG. B
D170, D116, D118, D377, D310, D674, D374

FIG. C
D1170

FIG. D
D119

FIG. E
D174

FIG. F
D1039

FIG. G
D312, D112, D435

Shaded Pole, 1500 RPM, Open Ventilated

FASCO MODEL#	HP	VOLTS	SPD.	AMPS	ROT.	BRNG.	SHAFT DIM.	"A" DIM.	FIG.	NOTES
D1061	1/20-1/30-1/60	115	3	2-1.7-1.4	CCW	SLV	1/2 X 2-3/4	4 1/8	A	54
D170	1/20	115	1	1.7	CW	SLV	5/16 X 2-1/4	2 3/4	B	55
D116	1/15	115	1	2.4	CW	SLV	3/8 X 2-3/8	3	B	
D118	1/15-1/30	115	2	2.4-1.4	CW	SLV	3/8 X 2-3/8	3	B	
D1170	1/15	115	1	2.1	CW	BALL	3/8 X 2-1/2	4 3/4	C	56
D377	1/12	115	1	3.1	CCW	SLV	3/8 X 2	2 3/4	B	57
D310	1/12	115	1	4	CW	SLV	3/8 X 2	2 3/4	B	58
D119	1/11-1/25-1/70	115	3	2.9-1.5-1	CCW	BALL	1/2 X 2-5/8	3 3/4	D	59
D174	1/10	115	1	3.5	CW	SLV	3/8 X 2-7/8	3 3/8	E	
D674	1/10-1/15	230	2	2-1.3	CW	SLV	3/8 X 2-1/2	3 5/8	B	
D1039	1/10	115	1	3.1	CCW	SLV	1/2 X 2-3/8	4 1/2	F	60
D374	1/8-1/20	115	2	4-2.5	CW	SLV	3/8 X 2-1/2	3 5/8	B	
D312	1/15	115	1	2.7	CW	SLV	1/2 X 5	4 1/4	G	61,62
D112	1/10	115	1	3.6	CW	SLV	3/8 X 2-5/8	4 1/2	G	62
D435	1/10	230	1	1.7	CCW	SLV	3/8 X 2-5/8	4 1/2	G	62

NOTES: 54: For use with Greenheck Fan 55: Shaft stepped down from 3/8" dia. shaft 56: OEM direct replacement for Jenn Air 80CR 57: Used in Jenn Air units P/N 7108-21-1 58: Used in Leslie-Locke ventilators P/N 7108-5056 59: Used in Acme Eng.- Roof Vents 60: ILG ventilator 7108-2171 - Has internal fan 61: External oil retainer to accommodate resilient rings and cradle base, drilled and tapped holes in case mounting in Coleman applications (2 holes each end on case OD) 62: Self cooled for mechanical duty

Fan Coil, Air-Conditioning & Unit Heater Motors

4.4 inch dia. MARS SERIES 073

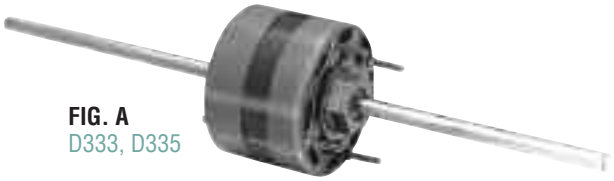


FIG. A
D333, D335

FIG. B
D117

FIG. C
D329

FIG. D
D236, D336, D635,
D337, D339, D338

FIG. E
D1006

FIG. F
D113, D114, D115

Shaded Pole, Sleeve Bearing

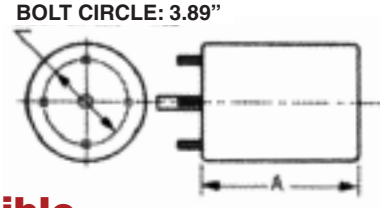
FASCO MODEL#	HP	VOLTS	RPM	SPD.	AMPS	ENCLOSURE	ROT.	SHAFT DIM.	"A" DIM.	FIG.
D333	1/25	115	1550	1	1.4	Open Ventilated	DS	7-1/4 X 3/8 X 7-1/4	2.875	A
D335	1/20-1/30-1/40-1/60	115	1550	4	2.1-1.4-1.2-1.1	Open Ventilated	DS	8 X 1/2 X 8	3.25	A
D117	1/15-1/25-1/30-1/40	115	1550	4	2.4-1.4-1.1-.9	Open Ventilated	CCW	1/2 X 7-1/2	3	B
D329	1/15	115	1550	1	2.5	Open Ventilated	DS	7-1/2 X 3/8 X 7-1/2	3.375	C
D236	1/10-1/15-1/25	115	1550	3	3.5-2.4-1.8	Open Ventilated	DS	7-1/2 X 1/2 X 7-1/2	3.375	D
D336	1/10-1/15-1/25	115	1550	3	3.5-2.4-1.8	Open Ventilated	DS	7-1/2 X 3/8 X 7-1/2	3.5	D
D635	1/10-1/20-1/35	230	1550	3	1. -1.3-1	Open Ventilated	DS	10 X 1/2 X 10	3.375	D
D337	1/8-1/10-1/12-1/15	115	1550	4	4.1-2.7-2.3-1.9	Open Ventilated	DS	7-1/2 X 1/2 X 7-1/2	3.625	D
D339	1/8-1/12	230	1550	2	2-1.4	Open Ventilated	DS	6-1/2 X 1/2 X 6-1/2	4.125	D
D338	1/6-1/10-1/12-1/15	115	1550	4	5.4-3.2-2.5-2.1	Open Ventilated	DS	7-1/4 X 1/2 X 7-1/4	4.125	D
D1006	1/4	115	1600	1	7.2	Open Ventilated	CW	1/2 X 2-3/4	4.125	E
D113	1/12	115/230	1550	1	2.5-1.3	Totally Enclosed	CCW	3/8 X 300	4.125	F
D114	1/12	115/230	1550	1	2.5-1.3	Totally Enclosed	CW	3/8 X 3	4.125	F
D115	1/12	115/230	1550	1	2.5-1.3	Totally Enclosed	CCW	1/2 X 2	4.125	F

Refrigeration Fan Motors

4.4 inch dia. MARS SERIES 073

FIG. A
D484, D482, D480
D485, D483, D481

BOLT CIRCLE: 3.89"



Shaded Pole, 1550 RPM, Mechanically Reversible, Open Ventilation, Sleeve Bearing

FASCO MODEL#	HP	VOLTS	AMPS	ROT.	SHAFT DIM.	"A" DIM.	CROSS REF.	FIG.	NOTES
D484	1/20	115 / 208 - 230	2.2 - 1.1	CW	3/8 X 3-1/8 w/1/2" Adap.	4	GE 2341, 2342	A	63, 65
D482	1/15	115 / 208 - 230	3.2 - 1.6	CW	3/8 X 3-1/8 w/1/2" Adap.	4	GE 2241, 2242	A	63, 65
D480	1/10	115 / 208 - 230	4.5 - 2.2	CW	3/8 X 3-1/8 w/1/2" Adap.	4 5/8	GE 2141, 2142	A	63, 65
D485	1/20	115 / 208 - 230	2.2 - 1.1	CCW	3/8 X 3-1/8 w/1/2" Adap.	4	GE 2331, 2332	A	63, 65
D483	1/15	115 / 208 - 230	3.2 - 1.6	CCW	3/8 X 3-1/8 w/1/2" Adap.	4	GE 2231, 2232	A	63, 65
D481	1/10	115 / 208 - 230	4.5 - 2.2	CCW	3/8 X 3-1/8 w/1/2" Adap.	4 5/8	GE 2131, 2132	A	63, 65

NOTES: 63: Can be operated on 50Hz with air-over applications 65: Weld nuts on a 3.5" B.C. for stud mount

Refrigeration Fan Motors

5.0 inch dia. MARS SERIES 074

FIG. A
D494, D492, D490,
D495, D493, D491

FIG. B
D486

FIG. C
D487, D497

FIG. D
D488, D489, D474

Dual Voltage, 115/208-230, Single Speed, Open Ventilated

FASCO MODEL#	TYPE	HP	RPM	AMPS	ROT.	BRNG.	SHAFT DIM.	"A" DIM.	CROSS REF.	FIG.	NOTES
D494	SP	1/20	1050	3 - 1.6	CW	SLV	3/8 X 3-1/8	4	GE 2321, 2322	A	18,45,64,65
D492	SP	1/15	1050	3.4 - 1.7	CW	SLV	3/8 X 3-1/8	4.625	GE 2223	A	18,45,64,65
D490	SP	1/10	1050	5 - 2.5	CW	SLV	3/8 X 3-1/8	4.625	GE 2121, 2122	A	18,45,64,65
D495	SP	1/20	1050	3 - 1.6	CCW	SLV	3/8 X 3-1/8	4	GE 2311, 2312	A	18,45,64,65
D493	SP	1/15	1050	3.4 - 1.7	CCW	SLV	3/8 X 3-1/8	4.625	GE 2213	A	18,45,64,65
D491	SP	1/10	1050	5 - 2.5	CCW	SLV	3/8 X 3-1/8	4.625	GE 2113	A	18,45,64,65
D486	PSC	1/10	1550	2.5 - 1.3	REV	SLV	3/8 X 3-1/8	4.125		B	18, 58
D487	PSC	1/10	1550	2.7 - 1.4	REV	BALL	3/8 X 3-1/8	4.875		C	18, 58
D497	PSC	1/10	1050	2.0 - 1.0	REV	BALL	3/8 X 3-1/8	4.875		C	18, 58
D488	PSC	1/20	1550	1.2 - .6	REV	SLV	3/8 X 3-1/3	4.5625	GE 2341, 2342, 2331, 2332	D	15, 58, 66
D489	PSC	1/15	1550	1.2 - .6	REV	SLV	3/8 X 3-1/3	4.8125	GE 2241, 2342, 2231, 2232	D	15, 58, 66
D474	PSC	1/10	1550	1.9 - 1.0	REV	SLV	3/8 X 3-1/3	4.8125	GE 2141, 2142, 2131, 2132	D	15, 58, 66

NOTES: 15: Air Over 18: Self-Cooled 45: Mechanically Reversible 58: 3M 370V Capacitor Included 64: 3/8" shaft diameter with adapter to convert to 1/2" diameter 65: Weld nuts on a 3.5" B.C. for stud mount 66: Front end shield drilled and tapped with four 10-32 threads on 3.5" bolt circle 67: 3M 370V Capacitor required

All Fasco PSC motors use a 5 mfd at 370 VAC run capacitor, MARS # 12005 or equivalent, unless otherwise noted.

Fan Coil, Air-Conditioning & Unit Heater Motors

5.0 inch dia. MARS SERIES 074

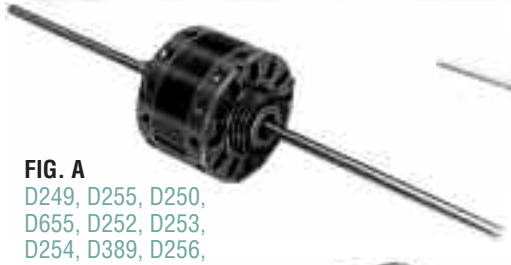


FIG. A
D249, D255, D250, D655, D252, D253, D254, D389, D256, D244, D247, D1025

FIG. C
D257

FIG.E
D291, D294, D292

FIG. B
D251, D293, D289, D1005

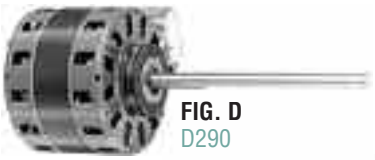


FIG. D
D290

FIG. I
D347

FIG. G
D245, D382

FIG. F
D277, D354, D221, D258

FIG. H
D1050

Sleeve Bearing

FASCO MODEL#	TYPE	HP	VOLTS	RPM	SPD.	AMPS	ENCLOSURE	ROT.	SHAFT DIM.	"A" DIM.	FIG.	NOTES
D249	SP	1/50-1/80-1/160	115	1050	3	1.1-.6-.4	Open Ventilated	DS	7-5/8 X 3/8 X 7-5/8	2.625	A	
D255	SP	1/25-1/50-1/80	115	1050	3	1.5-1-.6	Open Ventilated	DS	7-1/2 X 1/2 X 7-1/2	3.25	A	
D250	SP	1/25-1/50-1/80	115	1050	3	1.5-1-.6	Open Ventilated	DS	8 X 3/8 X 8	3.25	A	
D655	SP	1/25-1/40-1/70	230	1050	3	.7-.5 -.3	Open Ventilated	DS	10 X 1/2 X 10	3.25	A	
D252	SP	1/20-1/40-1/70	115	1050	3	1.6-.8-.5	Open Ventilated	DS	7-1/2 X 3/8 X 7-1/2	2.625	A	
D253	SP	1/20-1/40-1/50	115	1050	3	2.2-1.4-.8	Open Ventilated	DS	7-1/2 X 1/2 X 7-1/2	2.625	A	
D254	SP	1/15 -1/30-1/50	115	1050	3	2.1-1.3-.8	Open Ventilated	DS	8 X 3/8 X 8	3.25	A	
D251	SP	1/15-1/35-1/50	208-230	1050	3	1.2-.5-.4	Open Ventilated	DS	9-1/4 X 1/2 X 8-1/2	2.625	B	
D257	SP	1/15-1/20-1/25	277	1050	3	1.1-.7-.6	Totally Enclosed	DS	9 X 1/2 X 9	3.25	C	
D389	SP	1/15-1/20-1/30-1/50	115	1050	4	2.4-1.6-1.1-.8	Open Ventilated	DS	10-1/4 X 1/2 X 10-1/4	3.125	A	
D256	SP	1/10-1/20-1/30	115	1050	3	3.4-1.7-1	Open Ventilated	DS	8 X 1/2 X 8	3.875	A	
D293	SP	1/10-1/30-1/40-1/45-1/50	115	1050	5	3.6-1.6-1.2-.8-.6	Open Ventilated	DS	10-3/4 X 3/8 X 10-3/4	3.25	B	
D289	SP	1/10-1/30-1/40-1/45-1/50	115	1050	5	3.6-1.6-1.2-.8-.6	Open Ventilated	DS	10-3/4 X 1/2 X 10-3/4	3.25	B	
D224	SP	1/6-1/8-1/12	230	1050	3	3.2 - 2.3 - 1.8	Open Ventilated	DS	10 X 1/2 X 10		A	
D290	PSC	1/10-1/15-1/25-1/40	115	1050	4	2.2-1.4 - 1-.7	Open Ventilated	REV	1/2 X 8-1/2	3.25	D	20,68
D291	PSC	1/10-1/15 - 1/25-1/40	115	1050	4	2.2-1.4 - 1-.7	Open Ventilated	DS	10-3/4 X 1/2 X 10-3/4	3.25	E	20
D294	PSC	1/10-1/20-1/25-1/35-1/50	115	1050	5	1.3-1 - .7 - .6-.5	Open Ventilated	DS	10-3/4 X 3/8 X 10-3/4	3.25	E	69
D292	PSC	1/10-1/15-1/25-1/35	208-230	1050	4	1-.7 - .4-.3	Open Ventilated	DS	10-3/4 X 1/2 X 10-3/4	3.25	E	20
D277	PSC	1/10-1/12-1/20	277	1050	3	.7 -.5-.4	Open Ventilated	DS	8-1/2 X 1/2 X 8-1/2	3.875	F	20
D1005	PSC	1/10-1/15	460	1075	2	.5-.3	Open Ventilated	DS	9-5/8 X 1/2 X 9-5/8	3.33	B	
D354	PSC	1/6-1/10-1/20	115	1050	3	2.8 - 1.8 - 1.0	Open Ventilated	DS	8-1/2 X 1/2 X 8-1/2	3.875	F	20
D245	PSC	1/3-1/5	230	1050	2	2.9 - 1.7	Open Ventilated	DS	8 X 1/2 X 8	4.5	G	20
D221	PSC	1/6-1/8-1/10-1/12	115	1550	4	3.2-1.7 - 1.3-1	Open Ventilated	DS	8 X 1/2 X 8	3.625	F	70
D382	PSC	1/25-1/40-1/50	115	1550	3	.6 - .4 - .3	Open Ventilated	DS	6-7/8 X 1/2 X 6-7/8	3	G	70
D1050	PSC	1/8	230	1550	1	1.1	Totally Enclosed	CW	1/2 X 3	3.25	H	
D347	PSC	1/8-1/10-1/15-1/20	115	1550	4	2.3-1.6- .7	Open Ventilated	DS	10-1/2 X 1/2 X 10-1/2	3	I	20,71
D247	PSC	1/6-1/8-1/12	230	1550	3	1-.7-.5	Open Ventilated	DS	8 X 1/2 X 8	3.875	A	20
D258	PSC	1/5-1/10	208-230	1550	2	2.8-1.3	Open Ventilated	DS	8 X 1/2 X 8	3.375	F	70
D1025	PSC	1/3	208-230	1625	1	2.3	Open Ventilated	DS	7-1/8 X 1/2 X 7-1/4	4.125	A	70,71

NOTES: 20: 4M 370V Capacitor included 68: 6M 370V Capacitor included 70: 5M 370V Capacitor included 71: Mounting rings not included

All Fasco PSC motors use a 5 mfd at 370 VAC run capacitor, MARS # 12005 or equivalent, unless otherwise noted.

FASCO

Direct Drive Blower Motors

5.0 inch dia. MARS SERIES 074

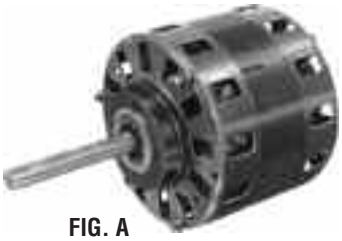


FIG. A
D154, D1046, D178, D156, D166, D164, D158, D658

FIG. B
D177

FIG. C
D176

FIG. D
D160, D656

FIG. E
D314

FIG. F
D180, D318, D262

FIG. G
D316

FIG. H
D356

FIG. I
D150, D151, D152

FIG. J
D264

Open Ventillated, Sleeve Bearing

FASCO MODEL#	TYPE	HP	VOLTS	RPM	SPD.	AMPS	ROT.	SHAFT DIM.	"A" DIM.	FIG.	NOTES
D154	SP	1/10	115	1050	1	5	CW	3/8 X 2-3/4	4 5/8	A	72
D177	SP	1/10-1/20	115	1050	2	3.9-1.7	CCW	3/8 X 3-5/8	2 5/8	B	
D176	SP	1/10-1/20	115	1050	2	3.9-1.7	CW	3/8 X 3	2 5/8	C	
D160	SP	1/10-1/12-1/15	115	1050	3	3.4-2.8-2.4	CW	3/8 X 3-7/8	3 7/8	D	
D656	SP	1/8	230	1050	1	2.1	CW	1/2 X 3-7/8	3 7/8	D	
D1046	SP	1/8	115	1070	1	5.1	CW	1/2 X 2-1/4	3	A	
D178	SP	1/8-1/11	115	1050	2	4.5-3.4	CW	1/2 X 4	3 1/4	A	73
D314	SP	1/8-1/15	230	1050	2	2.3-1.5	CW	1/2 X 5	4 3/8	E	73, 74
D180	SP	1/8-1/11	115	1050	2	4.5-3.4	CW	1/2 X 4	3 1/4	F	73, 75
D316	SP	1/8-1/10	230	1050	2	2.1-1.8	CW	1/2 X 3-1/2	3 7/8	G	
D356	SP	1/8-1/10-1/12	115	1050	3	4.7-3.7-3.2	CW	1/2 X 3-1/2	3 1/8	H	
D156	SP	1/6	115	1050	1	6.6	CW	1/2 X 3-7/8	3 7/8	A	
D166	SP	1/6-1/9	115	1050	2	7.2-3.8	CW	1/2 X 3-1/2	3 7/8	A	
D164	SP	1/6-1/8-1/10-1/2	115	1050	4	6.5-4.8-4.3-3.7	CW	1/2 X 4-1/2	3 7/8	A	
D318	SP	1/6-1/8	230	1050	2	3.1-2.2	CW	1/2 X 3-1/2	4	F	
D158	SP	1/5-1/6-1/7	115	1050	3	6.7-5.3-4.7	CW	1/2 X 4-1/8	3 7/8	A	
D658	SP	1/5-1/6-1/7-1/8	208 - 230	1050	4	4-3.4-3.1-2.4	CW	1/2 X 5-1/4	3 7/8	A	
D150	PSC	1/4-1/5-1/6	115	1050	3	4.1-3.2-2.5	REV	1/2 X 6	4 1/8	I	
D151	PSC	1/4-1/5-1/6	230	1050	3	1.7-1.2-1.0	REV	1/2 X 6	4 1/8	I	
D152	PSC	1/4-1/5-1/6-1/8	277	1050	4	1.6-1.1-.9-.7	REV	1/2 X 6	4 1/8	I	
D264	PSC	1/8	230	1550	1	1.1	REV	1/2 X 5	3 1/3	J	76
D262	PSC	1/5	230	925	1	2.3	REV	1/2 X 4	3 7/8	F	76

NOTES: 72: Has internal fan & 3.5" BC mounting holes for GE 21/29 Frame replacement 73: Drilled and tapped holes in case for Coleman mounting 74: Internal cooling fan 75: D180 for International Oil Burner Co. - Furnaces MAC5A, 1045, 1052, 1060, 1145, 1155, 1165, 1175, 1265, 1380, 7040, 7060 76: Luxaire/Whisperaire

All Fasco PSC motors use a 5 mfd at 370 VAC run capacitor, MARS # 12005 or equivalent, unless otherwise noted.

General Purpose Motors

5.0 inch dia. MARS SERIES 074

FIG. A
D340, D242

FIG. B
D143

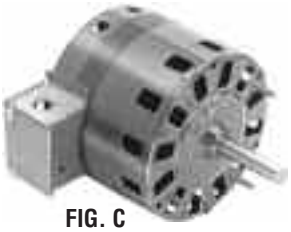


FIG. C
D1038

FIG. D
D1036, D342

FIG. E
D140, D144

FIG. F
D142

FIG. G
D1054

FIG. H
D148

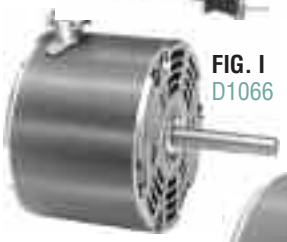


FIG. I
D1066

FIG. J
D1028

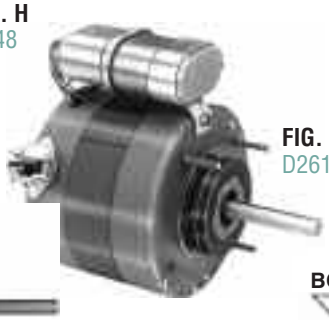
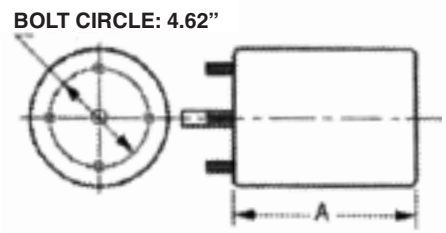


FIG. M
D261, D260

FIG. K
D240

FIG. L
S156

BOLT CIRCLE: 4.62"



115 Volt, Sleeve Bearing

FASCO MODEL#	TYPE	HP	RPM	SPD.	AMPS	ENCLOSURE	ROT.	SHAFT DIM.	"A" DIM.	FIG.	NOTES
D340	SP	1/40	1050	1	1.1	Totally Enclosed	CW	3/8 X 2-5/8	2 5/8	A	77,78
D143	SP	1/30-1/40	1050	2	1.5-1	Open Ventilated	CCW	1/2 X 1-5/8	2 1/4	B	77,79
D1038	SP	1/25	1050	1	1.4	Open Ventilated	CW	1/2 X 2-1/2	4	C	77
D1036	SP	1/20	1045	1	1.95	Open Ventilated	CW	3/8 X 2-1/8	2 3/8	D	77,80
D342	SP	1/15	1050	1	2.3	Open Ventilated	CW	3/8 X 2-1/2	2 9/16	D	77,78
D140	SP	1/15	1050	1	2.7	Open Ventilated	CW	3/8 X 2-3/8	2 5/8	E	77,81
D142	SP	1/15-1/25	1050	2	2.6-1.6	Open Ventilated	CW	3/8 X 2-3/8	2 1/4	F	77
D1054	SP	1/12-1/20-1/25	1050	3	3.1-2.1-1.5	Open Ventilated	CW	1/2 X 2-1/2	2 5/8	G	77,82
D148	SP	1/10	1050	1	3.6	Open Ventilated	CW	3/8 X 3-1/2	2 5/8	H	77
D144	SP	1/10	1050	1	3.6	Open Ventilated	CW	1/2 X 4-1/2	2 5/8	E	77
D1066	SP	1/10	1050	1	3.6	Open Ventilated	CW	1/2 X 2-3/4	3 7/8	I	77
D1028	SP	1/8	1050	1	3.3	Open Ventilated	CW	1/2 X 2-1/2	3 1/2	J	77
D240	SP	1/6	1050	1	6.2	Open Ventilated	CW	1/2 X 3-1/2	4	K	77,83
S156	SP	1/3	1050	1	6.6	Open Ventilated	CW	1/2 X 3-7/8	3 1/2	L	77
D242	SP	1/20	1050	1	2	Totally Enclosed	CW	3/8 X 3	3 1/8	A	84,85
D261	PSC	1/8-1/15	1075	2	2.3-1.1	Totally Enclosed	REV	1/2 X 3	3 5/8	M	20,84
D260	PSC	1/6	1075	1	2.9	Totally Enclosed	CW	1/2 X 3	3 7/8	M	20,84,86

NOTES: 20: 4M 370V Capacitor included 77: Roof Top Ventilators 78: With plug for Penn Ventilator 79: Replacement for Siegler & Williams wall heaters 80: Penn Ventilator 81: Replacement for Butler & Leslie-Locke roof ventilator-BC Connector 82: Hub only on shaft end 83: Replacement for Leslie-Locke roof ventilator 84: Unit heater 85: Sterling Radiator Co. 86: Replacement for ITT REZNOR

All Fasco PSC motors use a 5 mfd at 370 VAC run capacitor, MARS # 12005 or equivalent, unless otherwise noted.

Condenser Fan Motors, Single Phase - PSC

5.6 inch dia. MARS SERIES 075

FIG. A
D720, D719

FIG. B
D7749

FIG. C
D749, D939, D935, D745, D929

FIG. D
D940, D930, D951

FIG. E
D739, D737, D735

FIG. F
D937, D748

FIG. G
D7748

FIG. H
D7745

FIG. I
D1709

FIG. J
S719, D743, D742, D944, D744, D740

PSC, 208-230 Volt, 1075 RPM, Reversible, Shaft Up

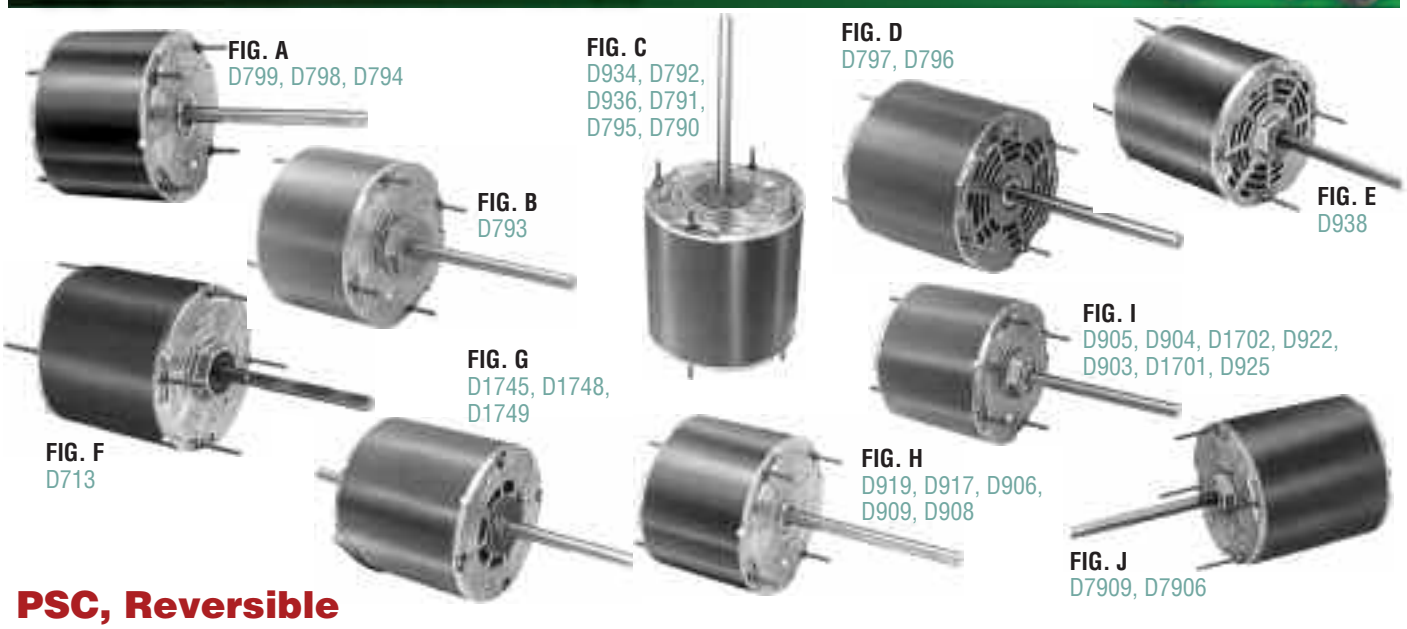
FASCO MODEL#	HP	SPD.	AMPS	BRNG.	SHAFT DIM.	"A" DIM.	FIG.	NOTES
D720	1/5	1	1.5	SLV	1/2 X 6	3 1/4	A	68,87,88,89,90
D719	1/5 - 1/8	2	1.3 - .8	SLV	1/2 X 6-1/2	3 3/4	A	68,87,88,89,90
D7749	1/4	1	1.7	BALL	1/2 X 6-1/2	3 3/4	B	68,87,88,89,90
D749	1/4	1	1.8	SLV	1/2 X 6-1/2	3 3/4	C	68,87,88,89,90
D939	1/4	1	2.1	BALL	1/2 X 6	4	C	68,87,88,89,90
D940	3/4	1	4.4	BALL	1/2 X 6-1/4	5 1/3	D	91
D739	1/4 - 1/6	2	2 - 1.3	BALL	1/2 X 6	4 1/4	E	68,87,88,89,90
D937	1/3	1	2.9	BALL	1/2 X 6-1/2	4	F	68,87,88,89,90
D7748	1/3	1	2.9	BALL	1/2 X 6-1/2	4 1/4	G	68,87,88,89,90
D748	1/3	1	2.9	SLV	1/2 X 6-1/2	4 1/4	F	68,87,88,89,90
D737	1/3 - 1/4	2	3.5 - 1.9	BALL	1/2 X 6	4 1/2	E	68,87,88,89,90
D935	1/2	1	4.1	BALL	1/2 X 6-1/2	5	C	68,87,88,89,90,92
D7745	1/2	1	3.7	BALL	1/2 X 6-1/2	4 3/4	H	68,87,88,89,90,92
D745	1/2	1	3.7	SLV	1/2 X 6-1/2	4 3/4	C	68,87,88,89,90,92
D735	1/2 - 1/3	2	4.4 - 2.7	BALL	1/2 X 6	5 1/4	C	48,68,87,88,89,90
D929	3/4	1	5	SLV	1/2 X 6-1/4	5 1/4	C	68,87,88,89,90,92
D930	3/4 - 1/3	2	4.4 - 2.1	BALL	1/2 X 6-1/4	5 1/4	D	68,87,88,89,90,91
D951	3/4 - 1/3	2	5 - 2.2	BALL	5/8 X 4-1/2 KEYED	5 1/4	D	68,87,88,89,90,91
D1709	1	1	5.5	BALL	1/2 X 6-1/2	5 13/16	I	68,87,88,89,90,91,93
				SHAFT DOWN OR HORIZONTAL				
S719	1/5 - 1/8	2	1.3 - .8	SLV	1/2 X 6-1/2	3 3/4	J	68,89,94,95
D743	1/5	1	1.2	SLV	1/2 X 6	3 1/2	J	68,89,94,95
D742	1/4	1	2.1	SLV	1/2 X 6	4	J	68,89,94,95
D944	1/3	1	2.9	SLV	1/2 X 6	4 1/4	J	68,89,95
D744	1/3 - 1/4	2	3.2 - 2.4	SLV	1/2 X 6-1/2	4 3/4	J	68,89,95
D740	1/2	1	4.5	SLV	1/2 X 6-1/2	5	J	68,89,95

NOTES: 48: 7.5M 370V Capacitor 68: Electrically Reversible 87: Includes shaft water slinger 88: 60° ambient temperature rating 89: Closed end shield shaft end 90: All angle mount bearings 91: 15M 370V Capacitor 92: 10M 370V Capacitor 93: Open vented on opposite shaft end 94: Has 4 drilled and tapped holes in shell 95: All angle mount bearings - Use shield when necessary

All Fasco PSC motors use a 5 mfd at 370 VAC run capacitor, MARS # 12005 or equivalent, unless otherwise noted.

Condenser Fan Motors, Single Phase - PSC

5.6 inch dia. MARS SERIES 075



PSC, Reversible

FASCO MODEL#	HP	VOLTS	RPM	SPD.	AMPS	ENCLOSURE	BRNG.	SHAFT DIM.	"A" DIM.	FIG.	NOTES
D799	1/8	208 - 230	825	1	0.9	Totally Enclosed	SLV	1/2 X 6	4	A	68,88,94,95
D793	1/6	208 - 230	825	1	1	Totally Enclosed	BALL	1/2 X 6	4	B	68,88,95
D798	1/6	208 - 230	825	1	1.3	Totally Enclosed	SLV	1/2 X 6	4.33	A	68,88,94,95
D794	1/5	208 - 230	825	1	1.3	Totally Enclosed	SLV	1/2 X 6	4.33	A	68,88,94,95
D934	1/4	208 - 230	825	1	1.9	Totally Enclosed	SLV	1/2 X 6	4.33	C	68,88,94,95
D792	1/4	208 - 230	825	1	1.8	Open Ventilated	BALL	1/2 X 6	4.25	C	68,88,94,95,96
D797	1/4	208 - 230	825	1	1.8	Open Ventilated	SLV	1/2 X 6	4.25	D	68,88,94,95,97
D936	1/3	208 - 230	825	1	2	Totally Enclosed	SLV	1/2 X 6	5	C	48,68,88,95
D796	1/3	208 - 230	825	1	2.6	Open Ventilated	SLV	1/2 X 6	5	C	68,88,94,95,97
D791	1/3	208 - 230	825	1	2.6	Open Ventilated	BALL	1/2 X 6	5	D	68,88,94,95,96
D795	1/3	115	825	1	6.1	Open Ventilated	BALL	1/2 X 6	5.75	C	68,88,95,96
D938	1/2	208 - 230	825	1	3.4	Open Ventilated	SLV	1/2 X 6	5.5	E	68,88,95
D790	1/2	208 - 230	825	1	3.5	Open Ventilated	BALL	1/2 X 6	5	C	68,88,95
D713	1/2	208 - 230	825	1	3	Totally Enclosed	SLV	1/2 X 6	5.33	F	68,95
						DESERT LINE					
D1745	1/2	208 - 230	1075	1	4.1	Open Ventilated	SLV	1/2 X 6-1/2	5	G	68,88,95
D1748	1/3	208 - 230	1075	1	2.9	Open Ventilated	SLV	1/2 X 6-1/2	4	G	68,88,95
D1749	1/4	208 - 230	1075	1	2.1	Open Ventilated	SLV	1/2 X 6	4	G	68,88,95
						TOTALLY ENCLOSED MOTORS					
D919	1/8	208 - 230	1075	1	0.9	Totally Enclosed	SLV	1/2 X 6-1/2	3.75	H	68,88,90,94
D905	1/6 - 1/8	208 - 230	1075	2	1.2 - .9	Totally Enclosed	SLV	1/2 X 6-1/2	3.75	I	68,88,90
D917	1/6	208 - 230	1075	1	1	Totally Enclosed	SLV	1/2 X 6-1/2	3.75	H	68,88,90,94
D906	1/5	208 - 230	1075	1	1.2	Totally Enclosed	SLV	1/2 X 6-1/2	4	H	68,88,90,94
D904	1/4 - 1/5	208 - 230	1075	2	1.8 - 1	Totally Enclosed	SLV	1/2 X 6-1/2	4.25	I	68,88,90
D1702	1/4 - 1/8	208 - 230	1075	2	1.7 - .8	Totally Enclosed	BALL	1/2 X 6	4	I	68,88,90
D922	1/4	208 - 230	1075	1	1.8	Totally Enclosed	SLV	1/2 X 6-1/2	4.33	I	68,88,90,98
D7909	1/4	208 - 230	1075	1	1.8	Totally Enclosed	BALL	1/2 X 6-1/2	4	J	68,88,90,94
D909	1/4	208 - 230	1075	1	1.8	Totally Enclosed	SLV	1/2 X 6-1/2	4	H	68,88,90,94
D903	1/3 - 1/4	208 - 230	1075	2	2.7 - 1.3	Totally Enclosed	SLV	1/2 X 6-1/2	4.75	I	48,68,88,90
D1701	1/3 - 1/4	208 - 230	1075	2	2.2 - 1.3	Totally Enclosed	BALL	1/2 X 5-1/2	5	I	48,68,88,90
D925	1/3	208 - 230	1075	1	2.7	Totally Enclosed	SLV	1/2 X 6-1/2	4.75	I	48,68,88,90,98
D7908	1/3	208 - 230	1075	1	2.6	Totally Enclosed	BALL	1/2 X 6-1/2	4.5	J	48,68,88,90,94
D908	1/3	208 - 230	1075	1	2.4	Totally Enclosed	SLV	1/2 X 6-1/2	4.5	H	48,68,88,90,94

NOTES: 48: 7.5M 370V Capacitor 68: Electrically Reversible 88: 60˚ ambient temperature rating 90: All angle mount bearings 94: Has 4 drilled and tapped holes in shell 95: All angle mount bearings - Use rain shield when necessary 96: Shaft up or horizontal applications 97: Shaft down or horizontal applications 98: Motor has increase stack for higher ambient temperatures

All Fasco PSC motors use a 5 mfd at 370 VAC run capacitor, MARS # 12005 or equivalent, unless otherwise noted.

Condenser Fan Motors, Single Phase - PSC

5.6 inch dia. MARS SERIES 075

FIG. A
D1700, D932, D933

FIG. B
D7907

FIG. C
D907, D931

PSC, 208-230 Volt, 1075 RPM, Reversible, Shaft Up/Down

FASCO MODEL#	HP	SPD.	AMPS	BRNG.	SHAFT DIM.	"A" DIM.	FIG.	NOTES
D1700	1/2 - 1/3	2	3.7 - 1.9	BALL	1/2 X 5-1/2	5	A	48,68,88,90
D932	1/2	1	3.9	SLV	1/2 X 6-1/2	5.625	A	68,88,90,92,98
D7907	1/2	1	3.7	BALL	1/2 X 6-1/2	5	B	68,88,90,92
D907	1/2	1	3.7	SLV	1/2 X 6-1/2	4.75	C	68,88,90,92
D933	3/4	1	5	SLV	1/2 X 6-1/2	5.75	A	68,88,90,91,98
D931	3/4	1	4.5	BALL	1/2 X 6-1/2	5.25	C	68,88,90,91

NOTES: 48: 7.5M 370V Capacitor 68: Electrically Reversible 88: 60˚ ambient temperature rating 90: All angle mount bearings 91: 15M 370V Capacitor 92: 10M 370V Capacitor 98: Motor has increased stack for higher ambient temperatures

All Fasco PSC motors use a 5 mfd at 370 VAC run capacitor, MARS # 12005 or equivalent, unless otherwise noted.

Multi-HP Motors

5.6 inch dia. MARS SERIES 075 & 076

FIG. A
D2826, D837,
D2827

FIG. B
D2835, D833

FIG. C
D2832, D2833

PSC, Reversible, 4 Drillled & Tapped Holes In Shell

FASCO MODEL#	HP	VOLTS	COOLING	HEATING	SPEED CONN.	CAP.	CAP. @ 208V	CAP. @ 230V	RPM	AMPS	ENCLOSURE	BRNG.	SHAFT DIM.	"A" DIM.	FIG.
SERIES 075 CONDENSER FAN MOTORS															
D2826	1/3	208-230			High		10 MFD		825	1.9	Totally Enclosed	BALL	1/2 X 5	5.25	A
	1/4				High		10 MFD		825	1.5	Totally Enclosed	BALL	1/2 X 5	5.25	A
	1/5				Low			7.5 MFD	825	1.2	Totally Enclosed	BALL	1/2 X 5	5.25	A
	1/6				Low			7.5 MFD	825	1	Totally Enclosed	BALL	1/2 X 5	5.25	A
D837	1/3	208-230			High		7.5 MFD		1075	2.6	Totally Enclosed	SLV	1/2 X 6-1/2	4.5	A
	1/4				High		7.5 MFD		1075	2.5	Totally Enclosed	SLV	1/2 X 6-1/2	4.5	A
	1/5				Low			5 MFD	1075	2	Totally Enclosed	SLV	1/2 X 6-1/2	4.5	A
	1/6				Low			5 MFD	1075	1.8	Totally Enclosed	SLV	1/2 X 6-1/2	4.5	A
D2827	1/3	208-230			High		12.5 MFD		1075	3	Totally Enclosed	BALL	1/2 X 5	5.25	A
	1/4				High		12.5 MFD		1075	2.2	Totally Enclosed	BALL	1/2 X 5	5.25	A
	1/5				Low			10 MFD	1075	1.6	Totally Enclosed	BALL	1/2 X 5	5.25	A
	1/6				Low			10 MFD	1075	1.3	Totally Enclosed	BALL	1/2 X 5	5.25	A
SERIES 076 DIRECT DRIVE FAN & BLOWER MOTORS															
D2835	1/2	115	High	Med-Low		10 MFD			1075	7.3	Open Ventilated	SLV	1/2 X 3-3/4	4.75	B
	1/3		High	Med-Low		5 MFD			1075	6.9	Open Ventilated	SLV	1/2 X 3-3/4	4.75	B
	1/4		Med-Hi	Low		5 MFD			1075	5.5	Open Ventilated	SLV	1/2 X 3-3/4	4.75	B
	1/5		Med-Low	Low		5 MFD			1075	3.6	Open Ventilated	SLV	1/2 X 3-3/4	4.75	B
	1/6		Low	Low		5 MFD			1075	2.8	Open Ventilated	SLV	1/2 X 3-3/4	4.75	B
D833	1/2	208-230	High	Med-Low		10 MFD			1075	3.6	Open Ventilation	BALL	5/8 X 4-1/2	4.75	B
	1/3		High	Med-Low		5 MFD			1075	3.5	Open Ventilation	BALL	5/8 X 4-1/2	4.75	B
	1/4		Med-Hi	Low		5 MFD			1075	2.8	Open Ventilation	BALL	5/8 X 4-1/2	4.75	B
	1/5		Med-Low	Low		5 MFD			1075	1.9	Open Ventilation	BALL	5/8 X 4-1/2	4.75	B
	1/6		Low	Low		5 MFD			1075	1.3	Open Ventilation	BALL	5/8 X 4-1/2	4.75	B
D2832	3/4	115	High	Med-Low		20 MFD			1075	8.1	Open Ventilated	BALL	1/2 X 5	5.75	C
	1/2		High	Low		10 MFD			1075	6.6	Open Ventilated	BALL	1/2 X 5	5.75	C
	1/3		Med-Hi	Low		10 MFD			1075	4.6	Open Ventilated	BALL	1/2 X 5	5.75	C
	1/4		Med-Low	Low		10 MFD			1075	3.8	Open Ventilated	BALL	1/2 X 5	5.75	C
	1/5		Low	Low		10 MFD			1075	3.1	Open Ventilated	BALL	1/2 X 5	5.75	C
D2833	3/4	208-230	High	Med-Low		20 MFD			1075	3.8	Open Ventilated	SLV	1/2 X 5-1/2	5.75	C
	1/2		High	Low		10 MFD			1075	3.7	Open Ventilated	SLV	1/2 X 5-1/2	5.75	C
	1/3		Med-Hi	Low		10 MFD			1075	2.5	Open Ventilated	SLV	1/2 X 5-1/2	5.75	C
	1/4		Med-Low	Low		10 MFD			1075	1.8	Open Ventilated	SLV	1/2 X 5-1/2	5.75	C
	1/5		Low	Low		10 MFD			1075	1.7	Open Ventilated	SLV	1/2 X 5-1/2	5.75	C

All Fasco PSC motors use a 5 mfd at 370 VAC run capacitor, MARS # 12005 or equivalent, unless otherwise noted.

Condenser Fan Motors, Single Phase - PSC

5.6 inch dia. MARS SERIES 075

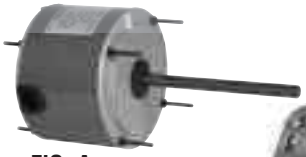


FIG. A
D5458, D5459

FIG. B
S2846

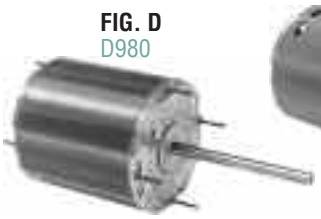


FIG. D
D980

FIG. E
D913, D912,
D911, D910

FIG. F
D982

FIG. G
D966, D968

FIG. H
D821, D823

FIG. I
D967

FIG. J
D1911, D1910

FIG. K
D819

FIG. L
D915, D914

FIG. M
D1710

FIG. N
D802

PSC, Reversible

FASCO MODEL#	HP	VOLTS	RPM	SPD.	AMPS	ENCLOSURE	BRNG.	SHAFT DIM.	"A" DIM.	FIG.	NOTES
208/230 VAC MOTORS											
D5458	1/5-1/4-1/3	208-230	1075	1	2	Totally Enclosed	SLV	1/2 X 6-3/4	4.25	A	48,68,94
D5459	1/8-1/6	208-230	1075	1	1	Totally Enclosed	SLV	1/2 X 6-3/4	3.75	A	68,94
230/460VAC MOTORS WITH INTERNAL COOLING											
S2846	1/2	230/460	1075	1	3.9/2.0	Open Ventilated	BALL	1/2 X 5-3/8	6.5	B	68,88,90,99,100
S2848	3/4	230/460	1075	1	4.7/2.4	Open Ventilated	BALL	1/2 X 6	7.75	C	68,88,90,100,101
460 VAC MOTORS											
D980	1/4	460	1075	1	1	Totally Enclosed	BALL	1/2 X 6	4.33	D	68,88,95
D913	1/4	460	1075	1	1.1	Open Ventilation	BALL	1/2 X 6-3/8	4.25	E	68,88,95
D982	1/3	460	1075	1	1.2	Totally Enclosed	BALL	1/2 X 6-1/2	4.75	F	68,88,95
D966	1/3	460	1075	1	1.5	Open Ventilated	SLV	1/2 X 6-1/2	4.5	G	68,88,95
D912	1/3	460	1075	1	1.1	Open Ventilation	BALL	1/2 X 6-3/8	4.25	E	48,68,95
D821	1/3-1/4	460	1075	2	1.2 / 1	Open Ventilated	BALL	1/2 X 6	4.75	H	48,68,88,95,102
D967	1/2	460	1075	1	1.6	Open Ventilated	SLV	1/2 X 6	5	I	48,68,88,95
D1911	1/2	460	1075	1	1.8	Open Ventilated	BALL	1/2 X 6-3/8	5	J	68,88,91,95,103
D911	1/2	460	1075	1	1.8	Open Ventilation	BALL	1/2 X 6-3/8	5	E	68,88,91,95
D819	1/2	208-230/460	1075	1	4.2	Open Ventilated	BALL	1/2 X 3	7	K	48,68,88,95,102
D968	3/4	460	1075	1	2.5	Open Ventilated	SLV	1/2 X 6-1/2	5.5	G	48,68,88,95
D1910	3/4	460	1075	1	2.2	Open Ventilated	BALL	1/2 X 6-3/8	5.5	J	68,88,91,95,103
D910	3/4	460	1075	1	2.2	Open Ventilation	BALL	1/2 X 6-3/8	5.5	E	68,88,91,95
D915	3/4-1/2	460	1075	2	2.5 / 1.6	Open Ventilation	BALL	5/8 X 4-1/2	5.5	L	68,88,91,104,105
D914	3/4-1/2	460	1075	2	2.5 / 1.6	Open Ventilation	BALL	1/2 X 4-1/2	5.5	L	68,88,91,104
D823	3/4-1/2	460	1075	2	2.1 / 1.6	Open Ventilated	BALL	1/2 X 6	5.5	H	68,88,91,102
D1710	1	460	1075	1	3	Open Ventilated	BALL	1/2 X 6-1/2	6	M	68,88,91,102
D802	1/2	460	1050	1	0.9	Totally Enclosed	BALL	1/2 X 3-1/3	5.5	N	68,88,90,92

NOTES: 48: 7.5M 370V Capacitor 68: Electrically Reversible 88: 60˚ ambient temperature rating 90: All angle mount bearings 91: 15M 370V Capacitor 92: 10M 370V Capacitor 94: Has 4 drilled tapped holes in shell 95: All angle mount bearings - Use rain shield when necessary 99: 7.5M 440V Capacitor 100: Comes with unmounted conduit bax. 101: 20M 370V Capacitor 102: Does not have removeable conduit boxes 103: Has maximum ventilation for high ambient temperatures 104: Special wiring configuration - Cannot be used with SPDT switching 105: Keyed shaft

All Fasco PSC motors use a 5 mfd at 370 VAC run capacitor, MARS # 12005 or equivalent, unless otherwise noted.

Condenser Fan Motors, Single Phase - PSC

5.6 inch dia. MARS SERIES 075

FIG. A
D1914

FIG. B
D918, D916

FIG. C
D960, D961

FIG. D
D921

FIG. E
D920

FIG. F
D2710, D2713,
D2714

FIG. G
D2711, D2729

FIG. H
D2712, D2715,
D2720, D2721

FIG. I
D2750, D2751,
D2752, D2753

Reversible

FASCO MODEL#	TYPE	HP	VOLTS	RPM	SPD.	AMPS	ENCLOSURE	BRNG.	SHAFT DIM.	"A" DIM.	FIG.	NOTES
460VAC MOTORS (cont.)												
D1914	PSC	3/4	460	1050	1	1.7	Totally Enclosed	BALL	1/2 X 6	6	A	20.2
D918	PSC	1/4-1/6	460	1625	2	1 / .6	Open Ventilation	BALL	1/2 X 6-1/2	4.25	B	13
D916	PSC	1/2-1/3	460	1625	2	1.6 / 1.1	Open Ventilation	BALL	1/2 X 6-1/2	5.5	B	20
D960	PSC	1/3	460	825	1	1.3	Open Ventilated	BALL	1/2 X 6	5	C	15
D921	PSC	1/3	230 / 460	825	1	2.7 / 1.4	Open Ventilation	BALL	1/2 X 6-3/8	5.25	D	18
D961	PSC	1/2	460	825	1	1.9	Open Ventilated	BALL	1/2 X 6	5.75	C	20
D920	PSC	1/2	460	825	1	2.1	Open Ventilation	SLV	1/2 X 4-1/2	5.5	E	18
200-575 VAC FAN SHELTERED MOTORS												
D2710	PSC	0.4	200-230/460	1075	1	3.2 / 1.6	Open Ventilated	BALL	1/2 X 5-1/2	5.25	F	15.4
D2711	PSC	0.6	200-230/460	1075	1	4.0 / 2.0	Open Ventilated	BALL	1/2 X 5-1/2	6.75	G	17.1
D2712	PSC	0.6	200-230/460	1075	1	4.0 / 2.0	Open Ventilated	BALL	5/8 X 5-1/2 KEYED	6.75	H	21
D2713	PSC	0.6	575	1075	1	1.5	Open Ventilated	BALL	1/2 X 5-1/2	7	F	20
D2714	PSC	0.8	200-230/460	1075	1	4.6 / 2.3	Open Ventilation	BALL	1/2 X 5-1/2	8	F	24.5
D2715	PSC	0.8	200-230/460	1075	1	4.6 / 2.3	Open Ventilation	BALL	5/8 X 5-1/2 KEYED	8	H	28
D2729	PSC	1/2	200-230/ 460	1075	1	4.6 - 2.3	Open Ventilated	BALL	1/2 X 3-1/2	6.25	G	19.8
3 PHASE MOTORS												
D2720	3PH	3/4	200-230	1140	1	3	Open Ventilated	BALL	5/8 X 5-7/8 KEYED	8	H	24.3
D2721	3PH	3/4	460	1140	1	1.5	Open Ventilation	BALL	5/8 X 5-7/8 KEYED	8	H	24.3
575 VAC MOTORS												
D2750	PSC	1/2	575	1625	1	1	Open Ventilation	BALL	1/2 X 6-1/2	5	I	15.3
D2751	PSC	1/3	575	1100	1	0.75	Open Ventilated	BALL	1/2 X 6-1/2	5.25	I	17
D2752	PSC	0.6	575	1075	1	1.1	Totally Enclosed	BALL	1/2 X 6-1/2	5.5	I	18.6
D2753	PSC	3/4	575	1075	1	1.8	Totally Enclosed	BALL	1/2 X 6-1/2	6	I	21.2

NOTES: 48: 7.5M 370V Capacitor 68: Electrically Reversible 88: 60°ambient temperature rating 90: All angle mount bearings 91: 15M 370V Capacitor 92: 10M 370V Capacitor 95: All angle mount bearings - Use rain shield when necessary 99: 7.5M 440V Capacitor 100: Comes with unmounted conduit box

All Fasco PSC motors use a 5 mfd at 370 VAC run capacitor, MARS # 12005 or equivalent, unless otherwise noted.

Direct Drive Blower Motors

5.6 inch dia. MARS SERIES 076

FIG. A
D928, D721, D727, D701, D728, D712, D902, D2700, D2702, D2705

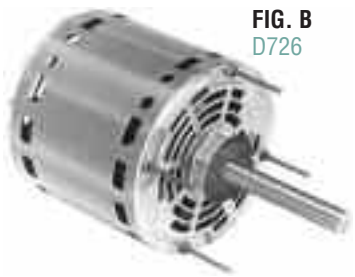


FIG. B
D726

FIG. C
D724

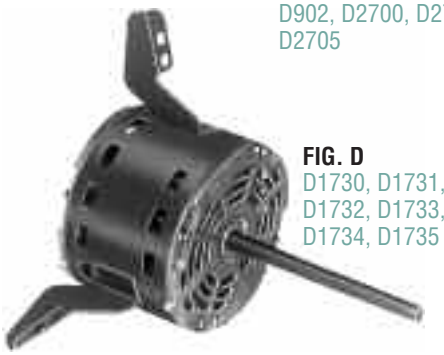


FIG. D
D1730, D1731, D1732, D1733, D1734, D1735

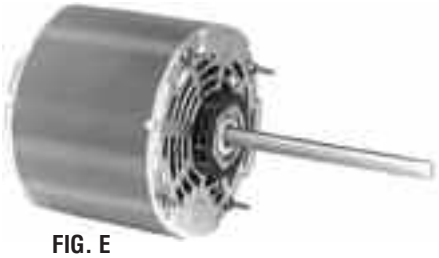


FIG. E
D2701, D2703, D927, D725, D723, D923, D703, D730, D729

FIG. F
D2704, D711

PSC, 1075RPM, Open Ventilated, Reversible

FASCO MODEL#	HP	VOLTS	SPD.	AMPS	BRNG.	SHAFT DIM.	"A" DIM.	FIG.	NOTES
				OPEN CONSTRUCTION					
D928	1/6 - 1/8 - 1/10	115	3	2.7 - 2.1 - 1.7	SLV	1/2 X 5-1/4	3.75	A	68,90,108
D721	1/4 - 1/5 - 1/6	115	3	4.8 - 3.3 - 2.6	SLV	1/2 X 6	4	A	68,90,108
D727	1/3 - 1/4 - 1/5	115	3	5.9 - 4.6 - 3.8	SLV	1/2 X 6	4.25	A	68,90,108
D701	1/2 - 1/3 - 1/4 - 1/5	115	4	7.7 - 5.5 - 4.2 - 3.3	SLV	1/2 X 5-1/2	5.25	A	68,90,92,108
D726	3/4 - 1/3	115	2	11-5	SLV	5/8 X 4-1/2 KEYED	5.25	B	68,90,91,108
D728	3/4 - 1/2 - 1/3	115	3	10.5 - 6.9 - 4.8	SLV	1/2 X 6	5.5	A	68,90,92,108
D724	3/4 - 1/2 - 1/3 - 1/4	115	4	9.5 - 7.2 - 5.6 - 3.5	SLV	1/2 X 6	5.75	C	68,90,91,108,109
D712	1 - 1/2 - 1/3	115	3	11.8 - 6.3 - 3.9	SLV	1/2 X 6	6	A	68,90,101,108
D902	1/2 - 1/3 - 1/4 - 1/5	115	4	9.9 - 5.6 - 3.7 - 2.7	SLV	1/2 X 5-1/2	5.25	A	68,90,92,108
D1730	1/4 - 1/5 - 1/6	115	3	4.8 - 3.3 - 2.6	SLV	1/2 X 6	4	D	
D1731	1/3 - 1/4 - 1/5	115	3	5.9 - 4.6 - 3.8	SLV	1/2 X 6	4.25	D	
D1732	1/2 - 1/3 - 1/4	115	3	7.7 - 5.5 - 4.2	SLV	1/2 X 6	4.75	D	92
D1733	1/4 - 1/5 - 1/6	208 - 230	3	2.2 - 1.6 - 1.2	SLV	1/2 X 6	4	D	
D1734	1/3 - 1/4 - 1/5	208 - 230	3	2.8 - 2.2 - 1.8	SLV	1/2 X 6	4.25	D	
D1735	1/2 - 1/3 - 1/4	208 - 230	3	3.4 - 2.5 - 1.9	SLV	1/2 X 6	4.75	D	
D2700	1/2 - 1/3 - 1/4	115	3	7.7/5.5/4.2	BALL	1/2 X 5-1/2	5.333	A	92
D2701	1/2 - 1/3 - 1/4	208/230	3	4.0/2.7/2.0	BALL	1/2 X 6-1/4	5.125	E	48
D2702	3/4 - 1/2 - 1/3	115	3	10.5/5.6/4.8	BALL	1/2 X 6-1/4	5.5	A	92
D2703	3/4 - 1/2 - 1/3	208/230	3	5.4/3.8/2.9	BALL	1/2 X 6-1/4	5.5	E	92
D2704	1 - 1/2 - 1/3	208/230	3	5.3/2.8/1.8	BALL	1/2 X 6-1/4	5.5	F	101
D2705	1 - 1/2 - 1/3	115	3	11.6/6.3/3.9	BALL	1/2 X 6-1/4	6	A	101
D927	1/6 - 1/8 - 1/10	208 - 230	3	1.4 - .9 - .5	SLV	1/2 X 6	3.75	E	68,95
D725	1/4 - 1/6 - 1/8	208 - 230	3	2.2 - 1.5 - 1.1	SLV	1/2 X 6	4	E	68,95
D723	1/3 - 1/4 - 1/6	208 - 230	3	3.3 - 2.3 - 1.8	SLV	1/2 X 6	4.5	E	68,95
D923	1/3 - 1/4 - 1/5	208 - 230	3	2.9 - 2.2 - 1.7	SLV	1/2 X 6	4.25	E	68,95
D703	1/2 - 1/3 - 1/4	208 - 230	3	4 - 2.7 - 2	SLV	1/2 X 6	5	E	48,68,95
D730	3/4 - 1/2	208 - 230	2	4.8 - 3.5	BALL	1/2 X 6	5.5	E	68,92,95
D729	3/4 - 1/2 - 1/3	208 - 230	3	5.4 - 3.8 - 2.9	SLV	1/2 X 6	5.5	E	68,92,95
D711	1 - 1/2 - 1/3	208 - 230	3	5.3 - 2.8 - 1.8	SLV	1/2 X 6	5.5	F	68,95,101

NOTES: 48: 7.5M 370V 68: Electrically Reversible 90: All angle mount bearings 91: 15M 370V Capacitor 92: 10M 370V Capacitor 95: All angle mount bearings - Use rain shield when necessary 101: 20M 370V Capacitor 108: Ideal for blowers and fans used in furnaces 109: Includes 8 drilled and tapped holes in shell

All Fasco PSC motors use a 5 mfd at 370 VAC run capacitor, MARS # 12005 or equivalent, unless otherwise noted.

Direct Drive Blower & Unit Heater Motors

5.6 inch dia. MARS SERIES 076

FIG. A
D975, D973, D972, D971, D970

FIG. C
D974

FIG. B
D979, D976

FIG. D
D1703, D1704, D1705, D1706, D1707, D1708

FIG. E
D736, D734, D817

FIG. F
D834, D732

FIG. G
D733

PSC

FASCO MODEL#	HP	VOLTS	RPM	SPD.	AMPS	ENCLOSURE	ROT.	BRNG.	SHAFT DIM.	"A" DIM.	FIG.	NOTES
D975	1/6 - 1/10 - 1/12	277	1075	3	.9 - .4 - .3	Open Ventilated	REV	SLV	1/2 X 5-1/2	4	A	68,95,108
D979	1/6 - 1/8 - 1/10	277	1075	3	.9 - .7 - .6	Open Ventilated	DS	SLV	7-7/8 X 1/2 X 8-1/4	3.75	B	68,95,108
D973	1/4 - 1/6 - 1/8	277	1075	3	2 - 1.4 - 1	Open Ventilated	REV	SLV	1/2 X 5-1/2	4	A	68,95,108
D972	1/3 - 1/4 - 1/5	277	1075	3	2.4 - 1.5 - 1	Open Ventilated	REV	SLV	1/2 X 5-1/2	4.25	A	68,95,108
D971	1/2 - 1/3 - 1/4	277	1075	3	3.2 - 2.2 - 1.8	Open Ventilated	REV	SLV	1/2 X 5-1/2	4.75	A	90,92,108
D976	1/2 - 1/3 - 1/4	277	1075	3	3.4 - 2.2 - 1.6	Open Ventilated	DS	SLV	7-3/8 X 1/2 X 7-1/4	5.25	B	90,92,108
D974	1/2 - 1/3 - 1/4	277	825	3	2.3 - 1.6 - 1.3	Open Ventilated	REV	SLV	1/2 X 5	5.33	C	90,91,108
D970	3/4 - 1/2 - 1/3	277	1075	3	3.9 - 2.2 - 1.6	Open Ventilated	REV	SLV	1/2 X 5-1/2	5.25	A	90101108
D1703	1/4 - 1/6 - 1/8	115	1075	3	4.1 - 3.0 - 2.3	Totally Enclosed	DS	SLV	8 X 1/2 X 8	4.25	D	
D1704	1/3 - 1/4 - 1/6	115	1075	3	4.9 - 3.1 - 2.2	Totally Enclosed	DS	SLV	8 X 1/2 X 8	4.75	D	68
D1705	1/2 - 1/3 - 1/4	115	1075	3	8.7 - 6.2 - 4.9	Totally Enclosed	DS	SLV	8 X 1/2 X 8	5.75	D	68
D1706	1/4 - 1/6 - 1/8	208 - 230	1075	3	1.7 - 1.3 - 1.0	Totally Enclosed	DS	SLV	8 X 1/2 X 8	4.25	D	68
D1707	1/3 - 1/4 - 1/6	230	1075	3	2.3 - 1.5 - 1.1	Totally Enclosed	DS	SLV	8 X 1/2 X 8	4.75	D	68
D1708	1/2 - 1/3 - 1/4	230	1075	3	4.1 - 3.0 - 2.3	Totally Enclosed	DS	SLV	8 X 1/2 X 8	5.75	D	68
D736	1/6	115	1625	1	2	Totally Enclosed	REV	BALL	1/2 X 3-1/4	4.25	E	68,90,110,111
D834	1/6	115	1075	1	2.7	Totally Enclosed	CW	BALL	1/2 X 3	4.25	F	68,90,110,111
D733	1/6 - 1/8	115	1075	2	2.5 - 1.8	Totally Enclosed	REV	BALL	1/2 X 4-1/2	4.25	G	68,90,111
D734	1/4	115	1075	1	3.8	Totally Enclosed	REV	BALL	1/2 X 3-1/4	4.25	E	48,90,110,111
D732	1/3	115	1075	1	4.1	Totally Enclosed	REV	BALL	1/5 X 5	4.75	F	68,90,110,111
D817	1/2	115	1140	1	5.5	Totally Enclosed	CW	BALL	1/2 X 6	4.5	E	90110111

NOTES: 48: 7.5M 370V Capacitor 68: Electrically Reversible 90: All angle mount bearings 91: 15M 370V Capacitor 92: 10M 370V Capacitor 95: All angle mount bearings - Use rain shield when necessary 101: 20M 370V Capacitor 108: Ideal for blowers and fans used in furnaces and air-conditioners 110: Capacitor and base are included 111: Ideal for unit heaters

All Fasco PSC motors use a 5 mfd at 370 VAC run capacitor, MARS # 12005 or equivalent, unless otherwise noted.

Window A/C, Condenser Fan & Direct Drive Motors

5.6 inch dia. MARS SERIES **077**

FIG. A
D782, D780, D785

FIG. C
D789, D786

FIG. E
D778

FIG. B
D783, D787, D781, D788, D784

FIG. D
D776, D775, D773, D774, D770, D771, D777, D772

PSC, 1625 RPM, Open Ventilated, Sleeve Bearing

FASCO MODEL#	HP	VOLTS	SPD.	AMPS	ROT.	SHAFT DIM.	"A" DIM.	FIG.	NOTES
D782	1/4	115	1	3.5	REV	1/2 X 6	4.25	A	13
D783	1/4	208 - 230	1	1.5	REV	1/2 X 6	4	B	12
D780	1/3 - 1/4 - 1/6	115	3	4.7 - 3.5 - 2.7	REV	1/2 X 6	4.5	A	15
D787	1/3	208 - 230	1	2.3	REV	1/2 X 7	4.25	B	13.5
D781	1/3 - 1/4 - 1/6	208 - 230	3	2 - 1.6 - 1.2	REV	1/2 X 7	4.5	B	15
D785	1/2 - 1/3 - 1/4	115	3	8.4 - 6.4 - 5	REV	1/2 X 6	4.75	A	17
D788	1/2	208 - 230	1	3.9	REV	1/2 X 6	5	B	16.5
D784	1/2 - 1/3 - 1/4	208 - 230	3	3.8 - 2.8 - 2.1	REV	1/2 X 6	5	B	16
D789	3/4	208 - 230	1	5.2	REV	1/2 X 6	5.25	C	19
D786	3/4 - 1/2 - 1/3	230	3	5.3 - 3.8 - 2.9	REV	1/2 X 6	5.25	C	18.5
D776	1/5 - 1/8 - 1/10	115	3	2.8 - 2 - 1.6	DS	8-1/2 X 1/2 X 8-1/2	3.5	D	11
D775	1/5 - 1/6 - 1/8	208 - 230	3	1.1 - .8 - .7	DS	8-1/2 X 1/2 X 8-1/2	3.5	D	10
D773	1/4 - 1/5 - 1/6	115	3	3.8 - 2.8 - 2.1	DS	8-1/2 X 1/2 X 8-1/2	4	D	14
D774	1/4 - 1/5 - 1/6	208 - 230	3	1.9 - 1.2 - .9	DS	8-1/2 X 1/2 X 8-1/2	4	D	11.5
D770	1/3 - 1/4 - 1/6	115	3	5.9 - 4.4 - 3.5	DS	8-3/4 X 1/2 X 8-3/4	4.5	D	18
D771	1/3 - 1/4 - 1/6	208 - 230	3	2.4 - 1.8 - 1.4	DS	8-3/4 X 1/2 X 8-3/4	4.5	D	15
D777	1/2 - 1/3 - 1/4	115	3	9.4 - 6 - 4.5	DS	7-1/2 X 1/2 X 7-1/2	5	D	17
D772	1/2 - 1/3 - 1/4	208 - 230	3	3.8 - 2.8 - 2.1	DS	8 X 1/2 X 8	4.75	D	17
D778	3/4 - 1/2 - 1/3	208 - 230	3	5.3 - 3.8 - 3.2	DS	7-1/2 X 1/2 X 7	5.25	E	19

NOTES: 48: 7.5M 370V Capacitor 112: Should not be used for replacements where original motor is rated below 1500 RPM 113: Ideal versatility using Kit 200 "X" brackets to accommodate various cradle base lengths 114: Ideal for lug mounting using lug Kit 55L or 55S

All Fasco PSC motors use a 5 mfd at 370 VAC run capacitor, MARS # 12005 or equivalent, unless otherwise noted.

Window A/C Motor

5.6 inch dia. MARS SERIES 077

FIG. A
D751, D750, D754, D752, D756, D755, D757, D758, D761, D760, D769, D763

FIG. B
D766

PSC, 1075 RPM, 3 Speed, Double Shaft, Sleeve Bearing

FASCO MODEL#	HP	VOLTS	AMPS	ENCLOSURE	SHAFT DIM.	"A" DIM.	FIG.	NOTES
D751	1/8 - 1/10 - 1/15	115	2.3 - 1.5 - 1.1	Open Ventilated	7-1/2 X 1/2 X 9	3.5	A	113, 114, 115, 116
D750	1/8 - 1/10 - 1/12	208 - 230	.9 - .6 - .5	Open Ventilated	7-1/2 X 1/2 X 9	3.75	A	113, 114, 115, 116
D754	1/6 - 1/8 - 1/10	115	2.7 - 2.1 - 1.7	Open Ventilated	7-1/2 X 1/2 X 9	3.5	A	113, 114, 115, 116
D752	1/6 - 1/8 - 1/10	208 - 230	1.4 - .9 - .5	Open Ventilated	7-1/2 X 1/2 X 9	3.5	A	113, 114, 115, 116
D756	1/4 - 1/6 - 1/8	115	3.9 - 2.4 - 2.1	Open Ventilated	10 X 1/2 X 10	4	A	113, 114, 115, 116
D755	1/4 - 1/6 - 1/8	208 - 230	2 - 1.4 - 1.2	Open Ventilated	7-1/2 X 1/2 X 8-1/2	4	A	113, 114, 115, 116
D757	1/3 - 1/4 - 1/6	115	6.9 - 4.8 - 3.8	Open Ventilated	8-1/2 X 1/2 X 8-1/2	4.25	A	113, 114, 115, 116
D758	1/3 - 1/4 - 1/6	208 - 230	2.3 - 1.7 - 1.1	Open Ventilated	8-1/2 X 1/2 X 8-1/2	4.5	A	113, 114, 115, 116
D761	1/2 - 1/3 - 1/4	115	9.6 - 6 - 4.4	Open Ventilated	8 X 1/2 X 8	5.25	A	113, 114, 115, 116
D760	1/2 - 1/3 - 1/4	208 - 230	4.3 - 3.1 - 2.3	Open Ventilated	8 X 1/2 X 8	5.25	A	113, 114, 115, 116
D769	3/4 - 1/2 - 1/3	115	11.9 - 8.1 - 6	Open Ventilated	8 X 1/2 X 8	5.5	A	113, 114, 115, 116
D763	3/4 - 1/2 - 1/3	208 - 230	5.7 - 4.1 - 3.1	Open Ventilated	8 X 1/2 X 8	5.5	A	92, 113, 114, 115, 116
D766	1/4 - 1/6 - 1/8	230	1.9 - 1.2 - .8	Totally Enclosed	7-1/2 X 1/2 X 8-1/2	4	B	92, 113, 114, 115, 116

NOTES: 68: Electrically Reversible 92: 10M 370V Capacitor 113: Ideal versatility using Kit 200 "X" brackets to accommodate various cradle base lengths 114: Ideal for lug mounting using lug Kit 55L or 55S 115: All angle mount sleeve bearings 116: Hubless endshields for flush mounting

All Fasco PSC motors use a 5 mfd at 370 VAC run capacitor, MARS # 12005 or equivalent, unless otherwise noted.

50 Hz Export Motors

5.6 inch dia. MARS SERIES 077

FIG. A
D3775, D3774, D3752, D3755

FIG. B
D3771, D3772, D3758, D3760

PSC, 230 Volt, 3 Speed, Double Shaft, Sleeve Bearing

FASCO MODEL#	HP	RPM	AMPS	ENCLOSURE	SHAFT DIM.	"A" DIM.	FIG.	NOTES
D3775	1/6 - 1/8 - 1/10	1350	.8 - .6 - .5	Totally Enclosed	7-3/4 X 1/2 X 7-3/4	3.5/89	A	95
D3774	1/4 - 1/5 - 1/6	1350	1.5 - 1.1 - .8	Totally Enclosed	7-1/2 X 1/2 X 7-1/2	4.0/102	A	95117
D3771	1/3 - 1/4 - 1/5	1350	2.1 - 1.5 - 1.1	Open Ventilated	7-1/4 X 1/2 X 7-1/4	4.5/114	B	95
D3772	1/2 - 1/3 - 1/4	1350	3 - 1.9 - 1.3	Open Ventilated	7 X 1/2 X 7	4.8/122	B	92,95
D3752	1/6 - 1/8 - 1/10	900	1.2 - .8 - .6	Totally Enclosed	7-1/2 X 1/2 X 7-1/2	4.0/102	A	95
D3755	1/4 - 1/5 - 1/6	900	2 - 1.4 - 1	Totally Enclosed	7-1/4 X 1/2 X 7-1/4	4.5/114	A	95117
D3758	1/3 - 1/4 - 1/5	900	2.6 - 1.7 - 1.3	Open Ventilated	7 X 1/2 X 6-3/4	5.3/135	B	95
D3760	1/2 - 1/3 - 1/4	900	4.2 - 2.2 - 1.5	Open Ventilated	7 X 1/2 X 7	5.5/140	B	92,95

NOTES: 92: 10M 370V Capacitor 95: All angle mount bearings - Use rain shield when necessary 117: Includes dust seal

All Fasco PSC motors use a 5 mfd at 370 VAC run capacitor, MARS # 12005 or equivalent, unless otherwise noted.

Pedestal Fan Motors

5.6 inch dia. MARS SERIES 077

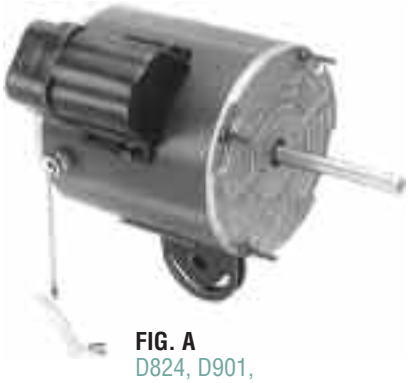


FIG. A
D824, D901,
D997, D999

FIG. B
D900

FIG. C
D998

Totally Enclosed

FASCO MODEL#	Type	HP	VOLTS	RPM	SPD.	AMPS	ROT.	BRNG.	SHAFT DIM.	"A" Dim	FIG.	Notes
D824	PSC	1/4 - 1/8	115	1100	2	3.2 - 2.4	REV	BALL	1/2 X 3-1/2	5 3/4	A	20,118,119
D901	PSC	1/3 - 1/8	115	1100	2	4 - 3.5	REV	BALL	1/2 X 3-1/2	6	A	118,119
D997	PSC	1/2 - 1/4	115	1100	2	7.1 - 4	REV	SLV	1/2 X 3	7 1/3	A	118,119,120
D999	PSC	1/2 - 1/4	115	1100	2	7.1 - 4	REV	SLV	5/8 X 3	7 1/3	A	118,119,120
D900	PSC	1/2 - 1/4	115	1100	2	7.1 - 4	REV	SLV	5/8 X 3	7 1/4	B	120
D998	PSC	1/2	115 / 230	825	1	6 - 3	CW	BALL	5/8 X 2-5/8	7 1/2	C	105,121,122,123

NOTES: 20: 4M 370V Capacitor included 105: Keyed Shaft 118: Includes pull-chain switch 119: Has 10' cord set 120: 12.5M 370V Capacitor included 121: No pedestal yoke mount 122: Poultry and Hog House fan motor 123: Agricultural applications 124: Bulk milk agitator gearmotor 125: 120 in/lbs.

All Fasco PSC motors use a 5 mfd at 370 VAC run capacitor, MARS # 12005 or equivalent, unless otherwise noted.

Fasco NEMA 48 & 56 Frame Motors

MARS SERIES **078**

FIG. A
D6002, D6004, D6006

FIG. B
D6082, D6084,
D6066, D6086

FIG. C
D6068, D6088,
D6070, D6090,
D6073, D6093

FIG. D
D6622, D6624,
D6626

FIG. E
D6628, D6630,
D6631, D6633

FIG. F
D6608, D6610,

Single Speed, Reversible, Ball Bearing

FASCO MODEL#	TYPE	HP	VOLTS	RPM	AMPS	ENCLOSURE	SHAFT DIM.	RING TO RING DIM	FIG.	Notes
					48 FRAME					
D6002	Split Phase	1/4	115/230	1725	5.2 - 2.6	Open Drip Proof	1/2 X 1-1/2	7.435	A	126,127,128
D6004	Split Phase	1/3	115/230	1725	6.2 - 3.1	Open Drip Proof	1/2 X 1-1/2	7.935	A	126,127,128
D6006	Split Phase	1/2	115/230	1725	8.6 - 4.3	Open Drip Proof	1/2 X 1-1/2	8.435	A	126,127,128
					56 FRAME					
D6082	Capacitor Start	1/3	115/208-230	1725	6.2 - 3.1	Open Drip Proof	5/8 X 2	7.945	B	127,128
D6084	Capacitor Start	1/2	115/208-230	1725	8.8 - 4.4	Open Drip Proof	5/8 X 2	8.445	B	127,128
D6066	Capacitor Start	3/4	115/208-230	3450	9.6 - 4.8	Open Drip Proof	5/8 X 2	9.445	B	127,128
D6086	Capacitor Start	3/4	115/208-230	1725	10.8 - 5.4	Open Drip Proof	5/8 X 2	9.445	B	127,128
D6068	Capacitor Start	1	115/208-230	3450	12 - 6	Open Drip Proof	5/8 X 2	9.445	C	127,128
D6088	Capacitor Start	1	115/208-230	1725	12.8 - 6.4	Open Drip Proof	5/8 X 2	9.445	C	127,128
D6070	Capacitor Start	1.5	115/208-230	3450	17.2 - 8.6	Open Drip Proof	5/8 X 2	9.445	C	127,128
D6090	Capacitor Start	1.5	115/208-230	1725	14.4 - 7.2	Open Drip Proof	5/8 X 2	10.445	C	127,128,129
D6073	Capacitor Start	2	115/208-230	3450	24 - 12	Open Drip Proof	5/8 X 2	10.445	C	127,128
D6093	Capacitor Start	2	115/208-230	1725	20 - 10	Open Drip Proof	5/8 X 2	10.945	C	127,128,129
D6622	Three Phase	1/3	208-230/460	1725	1.6 - .8	Open Drip Proof	5/8 X 2	8.445	D	127,128
D6624	Three Phase	1/2	208-230/460	1725	2 - 1	Open Drip Proof	5/8 X 2	8.945	D	127,128
D6626	Three Phase	3/4	208-230/460	1725	2.8 - 1.4	Open Drip Proof	5/8 X 2	9.945	D	127,128
D6628	Three Phase	1	208-230/460	1725	3.4 - 1.7	Open Drip Proof	5/8 X 2	9.445	E	127,128
D6630	Three Phase	1.5	208-230/460	1725	4.6 - 2.3	Open Drip Proof	5/8 X 2	9.945	E	127,128
D6631	Three Phase	2	208-230/460	1725	6.2 - 3.1	Open Drip Proof	5/8 X 2	9.945	E	127,128,129
D6633	Three Phase	3	208-230/460	1725	8 - 4	Open Drip Proof	7/8 X 2-3/8	11.445	E	127,128,130
					56Y FRAME					
D6608	Three Phase	1	208-230/460	1140	4 - 2	Open Ventilated	5/8 X 3-3/4		F	131,132
D6610	Three Phase	1.5	208-230/460	1140	5.6 - 2.8	Open Ventilated	5/8 X 3-3/4		F	131,132

NOTES: 126: Belted Fan & Blower Motor 127: Continuous duty 128: Resilient base 129: 56H Mounting 130: 145T Frame 131: NEMA 56Y Frame 132: Condenser Fan Motor

All motors on this page have automatic reset overload protection.

FASCO

FIG. A
A087

FIG. B
A120

FIG. C
A129

FIG. D
A158

FIG. E
A160

FIG. F
A085

FIG. G
A155

FIG. H
A161

FIG. I
A088

FIG. J
A128

FIG. K
A156

FIG. L
A100

FIG. M
A159

FIG. N
B23617

FIG. O
B23618

FIG. P
B23618

FIG. Q
A111

FIG. R
A140

FASCO MODEL#	TYPE	VOLTS	SPD	AMPS	CROSS REF.	FIG	NOTES
A087	PSC	115/230	1	2.8/1.1	Air Plus 7062-4087, Scherba Industries 7062-3496	A	
A120	SP	120	2	1.1	Aladdin Steel 7002-2983, Hearth and Home Models 7002-2983	B	
A129	SP	115	1	1.95	Amana 7021-9064, 7021-9259	C	
A158	PSC	115	1	4.5	Amana 7062-3151, 7062-3703	D	133
A160	SP	115	1	1.6	Amana 7002-2407	E	
A085	SP	230	1	0.7	AO Smith 464 Johnson Furnace	F	
A155	SP	115	1	1.4	Armstrong 7021-10046	G	
A161	SP	230	1	0.6	Brinkley 8353920103, Fedders 8353920103	H	51
A088	SP	115	1	1.3	Coleman 7021-6759 Dornback 7021-5478 York 7021-8629, 7021-7105	I	
A128	SP	120	1	0.9	Consolidated Industries 7021-6376, 7021-9404	J	
A156	SP	115	1	1.1	Evcon 7021-8935	K	
A100	SP	115	1	1.21	Excel 7058-0280	L	
A159	SP	230	1	0.5	Fedders 11-7096, AK4K84BX	M	51
B23617	SP	115/230	1	.9/.4	Franklin 80270	N	51
B23618	SP	115/208-230	1	.95-.45	Franklin 80270	O	51
A110	SP	115	1	.76	Frymaster 7002-3512	P	
A111	SP	208-240	1	0.8	Frymaster 7021-11714	Q	
A065	SP	115	1	1.22	Goodman 0131M00002P, 110276-00		
A140	SP	115	1	1.4	Goodman 7021-9087, 7021-9000	R	

NOTES: 51: Includes centrifugal switch 133: 4M 250V Capacitor included

All Fasco PSC motors use a 5 mfd at 370 VAC run capacitor, MARS # 12005 or equivalent, unless otherwise noted.

Specific Purpose Blowers

MARS SERIES **071**

FIG. A
A157

FIG. B
A162

FIG. C
A180

FIG. D
A181,
A289

FIG. E
A182

FIG. F
A184

FIG. G
A185, A286,
A287, A288

FIG. H
A187

FIG. I
A188

FIG. J
A189, A280,
A283

FIG. K
A281,
A284

FIG. L
A282

FIG. M
A285

FIG. N
A290

FIG. O
A133

Shaded Pole

FASCO MODEL#	VOLTS	SPD	AMPS	CROSS REF.	FIG	NOTES
A157	115	1	1.3	Goodman 7002-2307	A	
A162	208-230	1	0.5	Goodman 7021-8656	B	51
A180	115	1	1.8	Goodman 7021-9625	C	
A181	115	1	1.5	Goodman 7058-0136	D	
A182	115	1	1.2	Goodman 7002-3036	E	
A184	115	1	1.55	Goodman 7058-0229	F	
A185	115	1	1.15	Goodman 7021-9316	G	
A187	208-230	1	0.8	Goodman 7021-10006	H	
A188	115	1	1.6	Goodman 7021-10958	I	
A189	115	1	1.5	Goodman 7021-7302	J	
A280	115	1	1.5	Goodman 7021-7794	J	
A281	115	1	0.9	Goodman 7021-8252	K	
A282	220	1	0.45	Goodman 7021-8448	L	
A283	115	1	1.5	Goodman 7021-8730	J	
A284	208/240	1	0.59/0.50	Goodman 7021-9227	K	
A285	115	2	1.4	Goodman 7021-9236	M	
A286	208/230	1	0.6	Goodman 7021-9398	G	
A287	115	1	1.15	Goodman 7021-9655	G	
A288	115	2	1.4/0.65	Goodman 7021-9727	G	
A289	208/230	1	0.75	Goodman 7058-0081	D	
A290	115	2	0.7	Goodman 7062-5015	N	
A133	115	1	1.2	Heat-n-Glow 7002-1241	O	

NOTES: 51: Includes centrifugal switch

Specific Purpose Blowers

MARS SERIES **071**

FIG. A
A064

FIG. B
A134, A177, A302, A304

FIG. C
A145

FIG. D
A141, A174, A301

FIG. E
A148

FIG. F
A151

FIG. G
A169

FIG. H
A170

FIG. I
A171

FIG. J
A172

FIG. K
A173

FIG. L
A175

FIG. M
A176

FIG. N
A178

FIG. O
A179

FASCO MODEL#	TYPE	VOLTS	SPD	AMPS	CROSS REF.	FIG	NOTES
A064	SP	115	1	0.7	Heil Quaker 610172, 7021-5043, 7021-7102	A	
A051	SP	115	1	1.6	InterCity Products 1013833, J238-1393		
A067	SP	115	1	2.6	InterCity Products 1014338, 119225-00		
A134	SP	115	1	1.5	InterCity Products 7021-9335, 7021-8735, 7021-9499, 7021-8736, 7021-7700	B	
A145	PSC	115	1	0.7	InterCity Products 7062-4061	C	133
A141	SP	115	1	1	InterCity Products 7021-8741, 7021-8742,	D	
A148	SP	208-230	1	0.5	InterCity Products 7021-7617, 7021-9237	E	
A151	SP	230	1	0.3	InterCity Products HQ1050144	F	
A169	SP	230	1	0.75	InterCity Products 7021-10048, 7021-10580	G	
A170	SP	115	1	2.3	InterCity Products 7021-10299, 7021-10702	H	
A171	PSC	115	1	0.7	InterCity Products 7062-4783, 7062-4705, 7062-4274, 7062-4201, 7062-4549	I	
A172	SP	115	1	1.6	InterCity Products 7002-2792, 7002-2633	J	
A173	PSC	115	1	0.8	InterCity Products 7062-4785, Alltemp (ROTOM) 7062-4832	K	
A174	SP	115	1	0.8	InterCity Products 7021-9188	D	
A175	SP	115	1	1	InterCity Products 7002-1891	L	
A176	SP	115	1	2.2	InterCity Products 7002-2946, 7002-3071, 1011899P	M	
A177	SP	115	2	1.4	InterCity Products 7021-10363, 7021-10597, 1011632P	B	
A178	SP	115	1	1.8	InterCity Products 7021-10928	N	
A179	SP	115	1	0.9	InterCity Products 7021-8693	O	
A301	SP	115	1	0.8	InterCity Products 7021-9498	D	
A302	SP	115	1	1.5	InterCity Products 7021-9499	B	
A304	SP	115	1	1.5	InterCity Products 7021-9701	B	

NOTES: 50: Stainless steel shaft 134: Replacement for Airease, Armstong and Magic Chef

All Fasco PSC motors use a 5 mfd at 370 VAC run capacitor, MARS # 12005 or equivalent, unless otherwise noted.

Specific Purpose Blowers

MARS SERIES **071**

FIG. A A306

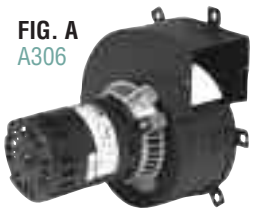


FIG. B A135, A138

FIG. C A163

FIG. D A164

FIG. E A200

FIG. F A201

FIG. G A202

FIG. H A203

FIG. I A204

FIG. J A205

FIG. K A206

FIG. L A207

FIG. M A208

FIG. N A209

FIG. O A210

FIG. P A211

FIG. Q A217

FASCO MODEL#	TYPE	VOLTS	SPD	AMPS	CROSS REF.	FIG
A306	PSC	208-230	2	0.3	InterCity Products 7062-4532	A
A307	PSC	115	1	0.7	InterCity Products 7062-5165	
A068	SP	120	1	1.15	Lennox 88K8401, J238-8171	
A135	SP	120	1	0.7	Lennox 7021-8812, 7021-8819	B
A138	SP	120	1	0.7	Lennox 7021-8657, 7021-8825	B
A163	SP	115	1	1.8	Lennox 7021-9450	C
A164	SP	120	1	0.8	Lennox 7021-9593	D
A200	SP	115	1	1.95	Lennox 7002-2975	E
A201	SP	208-230	1	0.65	Lennox 7021-10055, 7021-10743	F
A202	SP	115	1	1.8	Lennox 7021-10602, 7021-11106, 7021-11174	G
A203	SP	115	1	1.8	Lennox 7021-10841	H
A204	SP	115	1	1.8	Lennox 7021-11406	I
A205	SP	120	1	0.7	Lennox 7021-8372, 7021-9001	J
A206	SP	115	1	1.5	Lennox 7021-8473, 7021-8983	K
A207	SP	115	1	1.75	Lennox 7058-0217	L
A208	SP	115	1	1.75	Lennox 7058-0322	M
A209	PSC	115	2	0.8	Lennox 7062-5441	N
A210	SP	115	2	1.7	Lennox 7021-11063	O
A211	SP	115	1	2.35	Lennox 7021-11634	P
A217	SP	230	1	0.8	Lennox 7021-11231	Q

All Fasco PSC motors use a 5 mfd at 370 VAC run capacitor, MARS # 12005 or equivalent, unless otherwise noted.

Specific Purpose Blowers

MARS SERIES **071**

FIG. A
A218

FIG. B
A219

FIG. C
A322

FIG. D
A324

FIG. E
A331

FIG. F
A081

FIG. G
A131

FIG. H
A132

FIG. I
A121

FIG. J
A122

FIG. K
A123

FIG. L
A124

FIG. M
A126

FIG. N
A079

FIG. O
A090

FASCO MODEL#	TYPE	VOLTS	SPD	AMPS	CROSS REF.	FIG	NOTES
A218	SP	220-240	1	.60/.52	Lennox 7021-10676	A	
A219	SP	120	1	0.7	Lennox 7021-9262	B	
A322	SP	120	2	1.1	Lennox 7021-9884	C	
A324	PSC	230	1	.44	Lennox 7062-1909	D	
A331	PSC	460	1	.38/.33	Lennox 7062-5554	E	
A081	SP	230	1	0.5	Magic Chef, HWC Series 48HWC24A, 48HWC181, 35HWC181, 60HW, 60HWCC24A, 60HWC181, 48HW, 60HWC30A, 66HWC18A, 36HWC241, 66HW, 60HWC241, 66HWC181, 66HWC241, 60HWC301, 48HWC241, 66HWC301, 48HWC18A, 60HWC18A, 36HWC18A, 66HWC24A, 36HW, 36HWC24A	F	50,134
A131	SP	115	1	1.1	Nordyne 7021-9132, 7021-10171, 7021-10159, 7021-9661	G	
A132	SP	115	1	1.1	Nordyne 7021-7975	H	
A121	SP	240	1	0.51	Nordyne 7021-10381	I	
A122	SP	115	1	1.75	Nordyne 7021-11227	J	
A123	SP	115	1	1.95	Nordyne 7021-11385	K	
A124	SP	115	1	1.75	Nordyne 7021-11379	L	
A126	SP	115	1	1.8	Nordyne 7002-3158	M	
A079	SP	115	1	1.1	Rheem Ruud 74-70-21496-03-01, 74-70-21504-03-04 Goodman B1859000, 7021-6804, JA1M106, JA1M137 Trane B1W24, WG94X167	N	
A090	SP	115	1	1.1	Rheem 70-21496-01, 7021-5239, JA1M102, 7021-5715	O	

NOTES: 51: Includes centrifugal switch 133: 4M 250V Capacitor included

All Fasco PSC motors use a 5 mfd at 370 VAC run capacitor, MARS # 12005 or equivalent, unless otherwise noted.

FASCO

Specific Purpose Blowers

MARS SERIES **071**

FIG. A A136

FIG. B A139

FIG. C A086

FIG. D A142

FIG. E A240

FIG. F A241

FIG. G A242

FIG. H A243

FIG. I A244

FIG. J A245

FIG. K A246

FIG. L A247

FIG. M A251

FIG. N A073

FIG. O A143

FIG. P A146

FIG. Q A069

FIG. R A075

FASCO MODEL#	TYPE	VOLTS	SPD	AMPS	CROSS REF.	FIG	NOTES
A136	PSC	115	1	0.75	Rheem 7062-3861	A	
A139	SP	115	1	0.95	Rheem 7021-7577	B	
A086	SP	115	1	1.3	Rheem JA1N065, 7021-5239, JA1N062 Universal Electric JA1N069 20th Century 7021-5853, 7021-7104	C	
A142	PSC	115	1	0.7	Rheem 7062-1881, 7062-2615 PMI/Vulcan Hart 7062-2513	D	20
A066	SP	120	1	1.27	Rheem 70-24157-03, 117847-00		
A240	SP	115	1	1.1	Rheem 7021-8183	E	
A241	SP	208-230	1	0.62	Rheem 7021-9567	F	
A242	SP	115	1	1.36	Rheem 7021-7150	G	
A243	SP	115	1	1.36	Rheem 7021-7790	H	
A244	SP	208-230	1	0.85	Rheem 7021-6967	I	
A245	SP	208-230	1	.95/.85	Rheem 7021-7490	J	
A246	PSC	115	2	0.85	Rheem 7062-3925S, 7062-5272	K	
A247	PSC	115	2	0.95	Rheem 7062-5519S	L	
A251	SP	208-230	1	1.1	Skymark 7021-9136	M	
A073	SP	115-230	1	.7/.35	Tappan, Janitrol, SJC, Arkla, Franklin 8251560133, 829932, 8351520243	N	
A143	SP	115	1	0.95	Trane 7021-8428, 7021-8013, 7021-8924, 7021-9639, 7021-9055, 7002-2558, 7002-3273 Jakel J238-138-1344	O	
A146	SP	115	2	1 - .35	Trane 7021-7986, 7002-2531, 7021-8925	P	
A069	SP	208-240	1	0.5	Trane 38040252, 82252, 7021-6682	Q	
A075	SP	230	1	0.4	Trane 38050005, 7021-6681 Franklin 82005	R	51

NOTES: 20: 4M 370V Capacitor included 51: Includes centrifugal switch

All Fasco PSC motors use a 5 mfd at 370 VAC run capacitor, MARS # 12005 or equivalent, unless otherwise noted.

Specific Purpose Blowers

MARS SERIES **071**

FIG. A
A130

FIG. B
A150

FIG. C
A190

FIG. D
A191

FIG. E
A192

FIG. F
A193

FIG. G
A194

FIG. H
A195

FIG. I
A196

FIG. J
A197

FIG. K
A198, A199, A260, A261, A262, A263, A264, A265, A266, A267, A268

FIG. L
A269

FIG. M
A270

FIG. N
A271

FASCO MODEL#	TYPE	VOLTS	SPD	AMPS	CROSS REF.	FIG	NOTES
A130	PSC	115	1	0.7	Trane 7062-3956, 7021-4004, 7062-5247, 7062-3616, 7062-5575, D330757P04, D342094P04 Nordyne 7062-4159, 7062-4639	A	20
A150	SP	208-230	1	0.5	Trane 7021-7833, 7021-8928	B	
A190	BLDC	115	VAR	-	Trane 7000-5838, 7000-5833	C	
A191	SP	208-230	1	0.8	Trane 7021-6683	D	
A192	SP	115	1	1	Trane 7021-8569	E	
A193	SP	208-240	1	.59/.5	Trane 7021-8591	F	
A194	SP	115	2	1.0/.5	Trane 7021-9561	G	
A195	SP	115	1	1.75	Trane 7021-11543S, 7021-11543	H	
A196	SP	115	1	1.35	Trane 7021-11544S, 7021-11544, 7021-9065	I	
A197	3PH	33-110	VAR	1	Trane 7092-0238S, 7092-0238	J	
A198	SP	115	1	1.75	Trane 7058-0259	K	
A199	SP	115	1	1.75	Trane 7058-0260	K	
A260	SP	115	1	1	Trane 7058-0261	K	
A261	SP	115	1	1	Trane 7058-0262	K	
A262	SP	115	1	1	Trane 7058-0263	K	
A263	SP	115	1	1	Trane 7058-0264	K	
A264	SP	115	2	0.75	Trane 7002-3443	K	
A265	SP	115	2	0.75	Trane 7002-3444	K	
A266	SP	115	2	1	Trane 7002-3445	K	
A267	SP	115	2	1.4	Trane 7002-3446	K	
A268	SP	115	2	1.4	Trane 7002-3447	K	
A269	SP	208-230	1	.58-.60	Trane 7021-11054	L	
A270	PSC	208-230	2	.42-.50	Trane 7062-5033	M	
A271	PSC	208-230	2	.62	Trane 7062-3969	N	

NOTES: 20: 4M 370V Capacitor included

All Fasco PSC motors use a 5 mfd at 370 VAC run capacitor, MARS # 12005 or equivalent, unless otherwise noted.

FASCO

Specific Purpose Blowers

MARS SERIES **071**

FIG. A
A272, A273, A274

FIG. B
A276

FIG. C
A278, A279, A360, A362

FIG. D
A361

FIG. E
A367

FIG. F
A368

FIG. G
A369, A370

FIG. H
A373

FIG. I
A118

FIG. J
A080

FIG. K
A083

FIG. L
A063

FIG. M
A144

FIG. N
A137

FIG. O
A154

FASCO MODEL#	TYPE	VOLTS	SPD	AMPS	CROSS REF.	FIG	NOTES
A272	PSC	208-230	2	0.65	Trane 7062-3971	A	
A273	PSC	208-230	2	0.62	Trane 7062-3972	A	
A274	PSC	208-230	1	0.28	Trane 7062-3973	A	
A276	SP	115	1	1	Trane 7021-9011	B	
A278	SP	115	2	1.4	Trane 7002-2530	C	
A279	SP	115	2	0.75	Trane 7002-2531	C	
A360	SP	115	2	1	Trane 7002-2532	C	
A361	SP	115	1	1.6	Trane 7002-2558	D	
A362	SP	115	1	1.6	Trane 7002-3273	C	
A367	SP	115	2	0.95	Trane 7021-8051	E	
A368	PSC	115	2	0.8	Trane 7062-3782	F	
A369	PSC	208-230	2	0.34	Trane 7062-3915	G	
A370	PSC	208-230	2	0.18	Trane 7062-3918	G	
A373	SP	208-230	1	0.6	Trane 7021-9396	H	
A118	SP	115	1	1.8	Williamson 100,000 BTU Furnaces 7021-6999, 7021-7042	I	135
A080	SP	115	1	1.1	Williamson 7021-5510, 02-568 Franklin F3670-1 Rotron RFB6	J	
A083	SP	230	1	0.8	York 026-16323-0000, 02620224-000, 7021-1373	K	51
A063	SP	230	1	0.6	York 026-22239-700, 7021-4314	L	
A144	SP	208-230	1	0.5	York 7021-6770	M	51
A137	PSC	115	1	0.7	York International 7062-2442, 7062-3484, 024-25057-000	N	133
A154	SP	115	1	1.2	York 7021-9428	O	

NOTES: 51: Includes centrifugal switch 133: 4M 250V Capacitor included 135: Leads require modification

All Fasco PSC motors use a 5 mfd at 370 VAC run capacitor, MARS # 12005 or equivalent, unless otherwise noted.

Specific Purpose Blowers

MARS SERIES **071**

FIG. A
A165

FIG. B
A168

FIG. C
A220

FIG. D
A221

FIG. E
A222

FIG. F
A223

FIG. G
A224

FIG. H
A225

FIG. I
A226

FIG. J
A227

FIG. K
A228

FIG. L
A229

FIG. M
A230

FIG. N
A231

FIG. O
A234

FASCO MODEL#	TYPE	VOLTS	SPD	AMPS	CROSS REF.	FIG	NOTES
A165	PSC	115	1	0.7	York 7062-3958	A	20
A168	PSC	115	1	0.7	York, Excel, Ducane 7062-5019	B	
A220	SP	115	1	1.6	York 7021-5838, 7021-7217, 7021-9054	C	
A221	SP	208-230	1	0.55	York 7021-8318, 7021-6691	D	
A222	SP	115	1	1.05	York 7021-8317, 7021-7481	E	
A223	SP	208-230	1	0.64	York 7021-10096, 7021-9656	F	
A224	SP	115	2	0.8	York 7062-5048, 7062-4743	G	
A225	SP	115	1	2.25	York 7021-11577, 7021-11577S, 7021-11830, 024-34558-000	H	
A226	SP	115	1	1.7	York 7058-0266, 7058-0266S	I	
A227	SP	115	1	0.7	York 7062-4708S, 7062-4708	J	
A228	SP	115	1	2	York 7002-3285, 7002-2941	K	
A229	SP	115	1	1.75	York 7058-0267S, 7058-0267	L	
A230	PSC	115	2	0.8	York 7062-5094S, 7021-5094	M	
A231	SP	115	2	1.3	York 7021-10213	N	
A234	PSC	208-230	1	0.5	York 7062-5155	O	

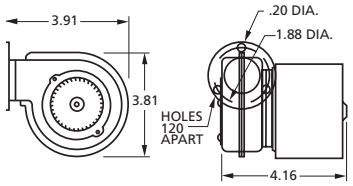
NOTES: 20: 4M 370V Capacitor included

All Fasco PSC motors use a 5 mfd at 370 VAC run capacitor, MARS # 12005 or equivalent, unless otherwise noted.

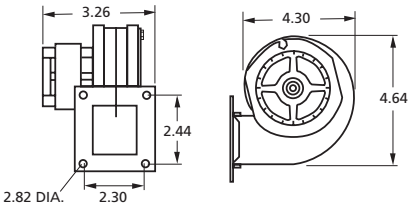
Centrifugal Blowers

MARS SERIES **079**

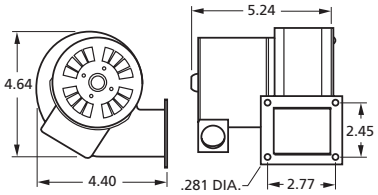
50745-D500



A167

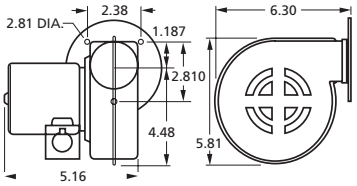


B30



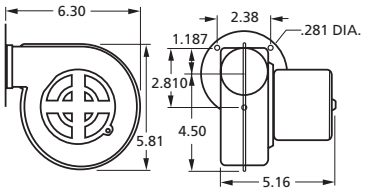
50747-D500

50747-D600

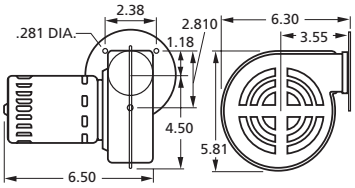


50747-D230

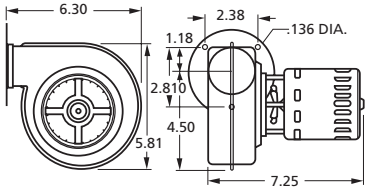
50747-D401



50748-D500



A063



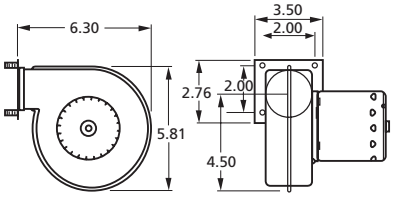
50748-D600

MODEL#	CFM AT STATIC PRESSURE SHOWN STATIC PRESSURE (INCHES OF WATER) 0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1	NAMEPLATE CFM	VOLTS	FREQ.	NO. OF SPEEDS	RPM@ FREE AIR	AMPS@ FREE AIR	BRNG
50745-D500	6.5	—	—	—	—	—	—	—	—	—	15	115	60	1	3100	.2	SLV
A167	30	27	25	5	—	—	—	—	—	—	30	115	60	1	2900	.4	SLV
B30	40	37	32	22	6	—	—	—	—	—	45	115	60	1	3200	.59	SLV
50747-D500	47	42	37	33	21	7	—	—	—	—	60	115	60	1	3200	.52	SLV
50747-D600	47	42	37	33	21	7	—	—	—	—	60	115	60	1	3200	.52	SLV
50747-D230	47	42	37	33	21	7	—	—	—	—	60	208-230	50/60	1	3200	.26	SLV
50747-D401	47	42	37	33	21	7	—	—	—	—	60	115	50/60	1	3200	.49	SLV
50748-D500	64	60	56	52	47	42	37	—	—	—	65	115	60	1	2900	.81	SLV
50748-D700	64	60	56	52	47	42	37	—	—	—	65	115	60	1	2900	.74	SLV
A063	69	65	62	57	52	42	37	30	—	—	65	230	60	1	3100	.6	BALL

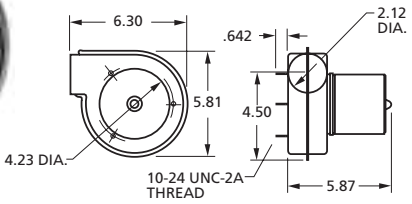
Centrifugal Blowers

MARS SERIES 079

A069

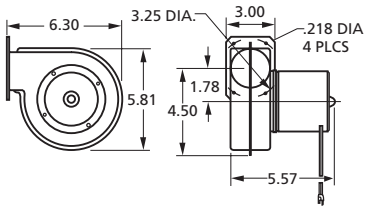


B23617

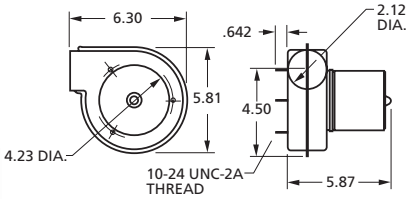


B23618

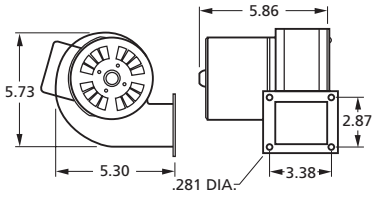
A071



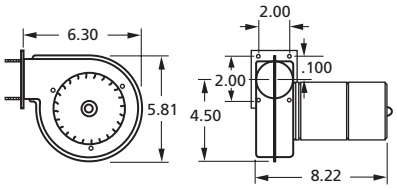
A073

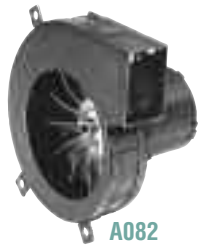


B75

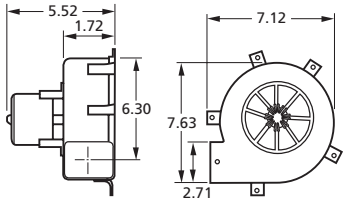


A075





A082



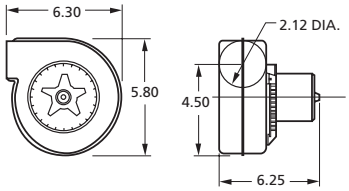
MODEL#	CFM AT STATIC PRESSURE SHOWN STATIC PRESSURE (INCHES OF WATER) 0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1	NAMEPLATE CFM	VOLTS	FREQ.	NO.OF SPEEDS	RPM@ FREE AIR	AMPS@ FREE AIR	BRNG
A069	72	67	63	60	53	52	50	43	40	—	69	208-230	60	1	3000	.45	SLV
B23617	72	67	64	62	57	55	50	46	41	33	70	115/230	60	1	3000	.9/.45	SLV
B23618	72	67	64	62	57	55	50	46	41	33	70	115/208-230	60	1	3000	.95/.45	BALL
A071	70	67	63	58	57	55	51	35	—	—	71	115	60	1	2850	.7	SLV
A073	72	69	67	63	61	57	53	48	43	37	73	115/230	50/60	1	3200	.7/.35	BALL
B75	68	63	57	47	34	14	—	—	—	—	75	115	60	1	3200	.59	SLV
A075	73	69	65	62	58	55	50	45	40	35	75	230	60	1	3200	.4	BALL
A082	66	62	53	52	47	42	23	—	—	—	75	115	60	1	2800	.95	SLV

FASCO

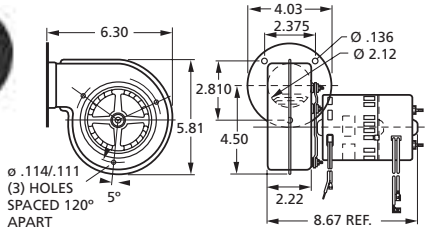
Centrifugal Blowers

MARS SERIES **079**

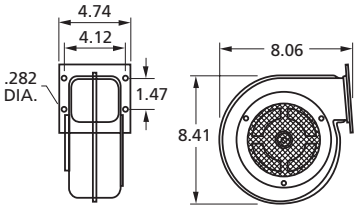
A081



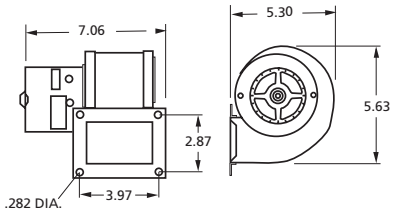
A083



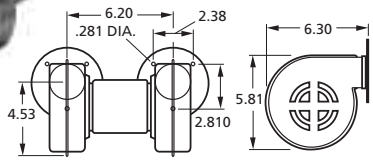
50757-D500



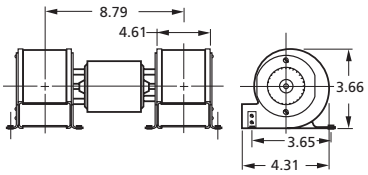
A166



50746-D500



A125

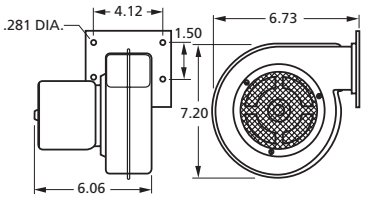


MODEL#	CFM AT STATIC PRESSURE SHOWN STATIC PRESSURE (INCHES OF WATER) 0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1	NAMEPLATE CFM	VOLTS	FREQ.	NO.OF SPEEDS	RPM@ FREE AIR	AMPS@ FREE AIR	BRNG
A081	70	67	64	62	57	53	48	42	—	—	80	230	60	1	3100	.45	BALL
A083	71	68	66	63	59	54	47	43	37	—	83	230	60	1	3000	.8	BALL
50757-D500	80	63	45	—	—	—	—	—	—	—	105	115	60	1	1560	.55	SLV
A166	110	100	95	85	82	60	40	10	—	—	115	115	50/60	1	3200	1.4	SLV
50746-D500	94	87	77	67	48	18	—	—	—	—	120	115	60	1	3100	.72	SLV
A125	110	92	71	—	—	—	—	—	—	—	125	115	60	1	3200	1.1	SLV

Centrifugal Blowers

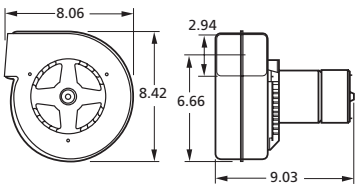
MARS SERIES 079

50752-D500,
50752-D230



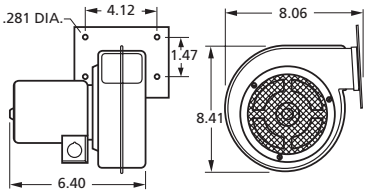
Uses model 1-6042 wheel

A159



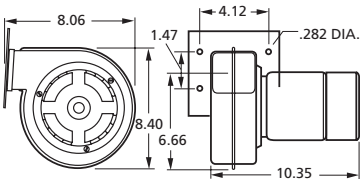
Uses model 1-6053 wheel

50755-D500,
507555-D230



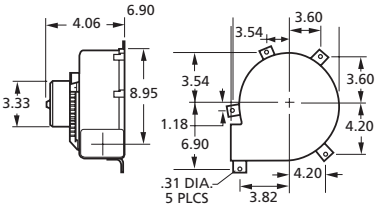
Uses model 1-6054 wheel

A161



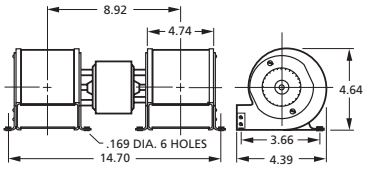
Uses model 1-6053 wheel

B47120

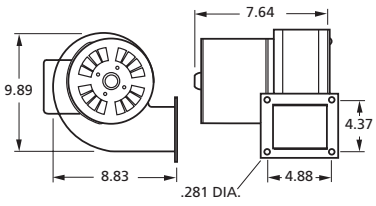


Uses model 1-6066 wheel

A212



B45227, B45227-2



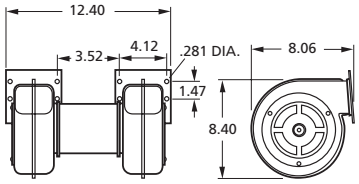
MODEL#	CFM AT STATIC PRESSURE SHOWN STATIC PRESSURE (INCHES OF WATER) 0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1	NAME-PLATE CFM	VOLTS	FREQ.	NO.OF SPEEDS	RPM@ FREE AIR	AMPS@ FREE AIR	BRNG
50752-D500	108	105	97	93	90	83	77	65	32	—	135	115	60	1	3100	1.1	SLV
50752-D230	108	105	97	93	90	83	77	65	32	—	135	208-230	50/60	1	3100	.67	SLV
B160	135	130	115	100	75	20	–	–	–	–	150	115	60	1	3000	1.56	SLV
A159	140	138	118	105	—	—	—	—	—	—	159	230	60	1	1600	.45	BALL
50755-D500	140	128	118	105	—	—	—	—	—	—	160	115	60	1	1600	1	SLV
50755-D230	140	128	118	105	—	—	—	—	—	—	160	208-230	50/60	1	1600	.51	SLV
A161	140	138	118	105	—	—	—	—	—	—	161	230	60	1	1600	.55	BALL
B47120	180/144/112	170/140/109	165/134/106	158/130/100	150/122/90	140/117/76	130/87/58	110/72	90	—	180	115	60	3	1360/1100/830	1.95	SLV
A212	190	173	142	110	70	22	—	—	—	—	212	115	60	1	2500	1.25	SLV
B45227	230	212	191	175	130	27	—	—	—	—	265	115	60	1	1650	1.86	SLV
B45227-2	230	212	191	175	130	27	—	—	—	—	265	230	50/60	1	1650	.93	SLV

FASCO

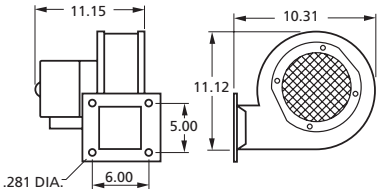
Centrifugal Blowers

MARS SERIES **079**

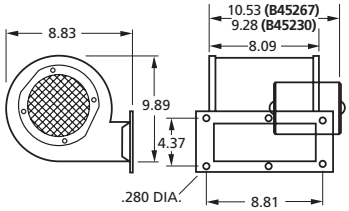
50756-D500,
50756-D230



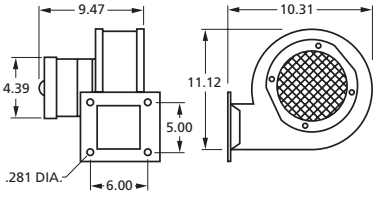
A455



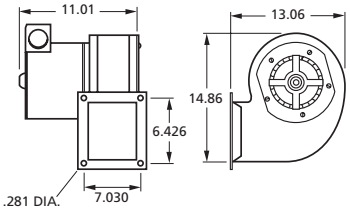
B45267, B45230



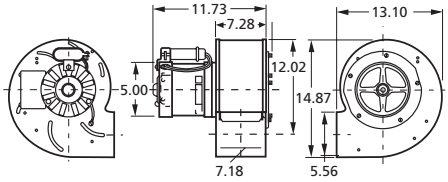
50769-D500,
50769-D230



B68042



A1000

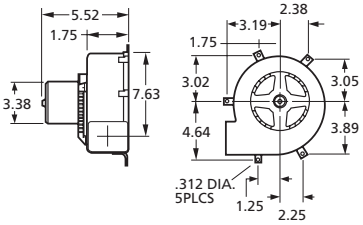


MODEL#	CFM AT STATIC PRESSURE SHOWN STATIC PRESSURE (INCHES OF WATER) 0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1	NAME-PLATE CFM	VOLTS	FREQ.	NO. OF SPEEDS	RPM@ FREE AIR	AMPS@ FREE AIR
50756-D500	245	225	200	160	—	—	—	—	—	—	320	115	60	1	1500	1.3
50756-D230	245	225	200	160	—	—	—	—	—	—	320	230	50/60	1	1500	.65
A455	440/318	417/307	390/290	375/275	350/250	319/228	275/170	231/108	150/75	68/40	455	115	60	2	1500/1100	1.5
B45267	393/356	359/331	318/297	254/240	187/167	64/58	—	—	—	—	460	115	60	2	1600/1400	2.9
B45230	393/356	359/331	318/297	254/240	187/167	64/58	—	—	—	—	460	208-230	50/60	2	1600/1400	1.2
50769-D500	391/331	370/315	349/280	318/273	292/241	250/203	204/138	91/70	47/40	—	480	115	60	2	1200/1400	3.55
50769-D230	391/331	370/315	349/280	318/273	292/241	250/203	204/138	91/70	47/40	—	480	208-230	50/60	2	1200/1400	1.9
B68042	694	674	652	585	557	483	127	51	—	—	815	115	60	1	1100	5.6
A1000	950/-	920/-	880/-	850/799	800/750	730/700	660/640	580/500	300/260	120/120	1000	115/230	60	2	1100/1100	4-2.9/2-1.4

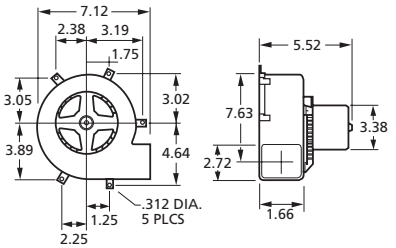
Centrifugal Blowers

MARS SERIES 079

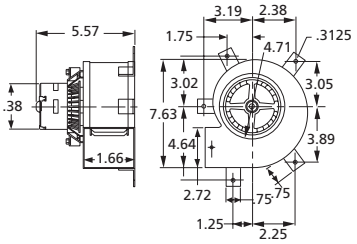
A064



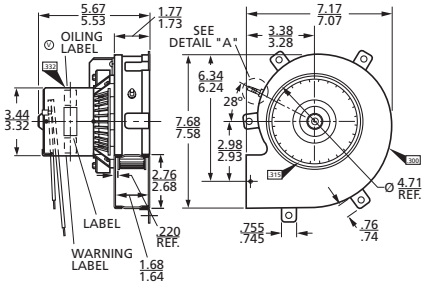
A079



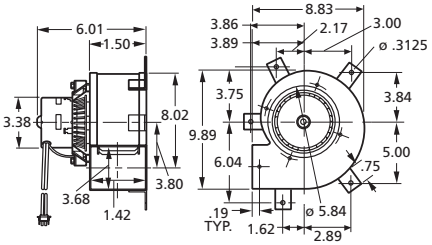
A080



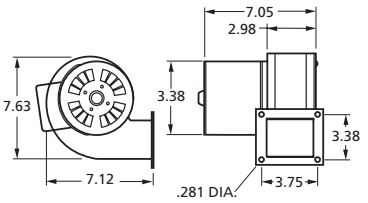
A090



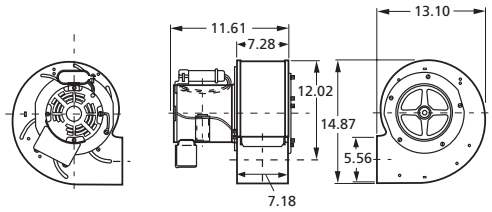
A118



B24220



A1200



MODEL#	CFM AT STATIC PRESSURE SHOWN STATIC PRESSURE (INCHES OF WATER) 0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1	NAME-PLATE CFM	VOLTS	FREQ.	NO.OF SPEEDS	RPM@ FREE AIR	AMPS@ FREE AIR
A064	—	66	65	64	58	48	25	—	—	—	—	—	—	64	115	60
A079	85	81	77	73	65	51	22	—	—	—	—	—	—	89	115	60
A080	78	75	72	68	63	60	47	—	—	—	—	—	—	80	115	60
A090	86	84	78	73	66	57	24	—	—	—	—	—	—	90	115	60
A118	112	110	106	102	97	90	83	73	60	39	22	18	10	118	115	60
B24220	—	140	130	120	110	45	22	—	—	—	—	—	—	135	115	50/60
A1200	1260/1065	1240/1060	1200/1050	1150/1000	1075/950	1000/900	925/800	800/675	200/200	—	—	—	—	1200	115/230	60

FASCO

FAS MOUNT BRACKET KITS

FM50
Motor diameter 5.0"
Bolt circle 9" and 10.18"

FM55
Motor diameter 5.5"
Bolt circle 9" and 10.18"

FM55 replaces this type bracket

These kits are designed for direct drive blower motors using the flexible bracket mounting arrangement.
Grommets and eyelets are included.

NO55L, NO55S,
KIT34, KIT50

KIT 150

KIT 49

NO50L, NO33L

KIT315, KIT317

PART NO.	MOTOR DIA.	LUG SIZE	BOLT CIRCLE RANGE
NO55L	5.5"	Large	8 1/8 - 12 1/8
NO55S	5.5"	Small	6 7/8 - 8 1/8
KIT34	3.3"	Large	4 11/16 - 9 7/8
KIT50	5.0"	Large	6 7/16 - 11 11/16
KIT49	3 small lugs for Kit 55S		
KIT150	4 grommets to fit lugs on Kits 34, 49, 50, 55L, 55S		
NO50L	4.4" & 5.0"	Large	6 1/2 - 11 8/16
NO33L	3.3"	Large	4 1/2 - 10
KIT315	5.0"	Large	10 9/50
KIT317	5.6"	Large	10 9/50

CONDUIT BOXES

KIT142
Black box for 3.3" diameter motors.
Packaged one per kit.

KIT144
Gray, tie-rod mountable box for 4.4", 5.0" and 5.6" diameter motors.
Packaged one per kit.

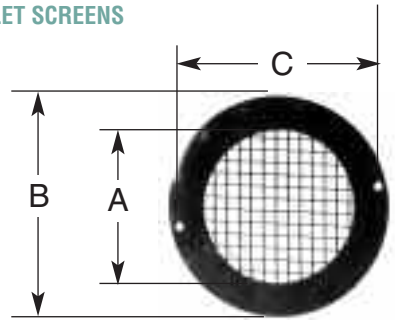
CONDUIT KITS

KIT100
For 5/16" and 3/8" Greenfield(flexible conduit).
Packaged two per kit.

KIT102
3/8" Conduit Connector
Allen Stevens type, complete withmounting screws.
Packed three per kit.

BLOWER ACCESSORIES

INLET SCREENS



4004
A = 3.125
B = 4.50
C = 4.188

4000
A = 4.72
B = 6.125
C = 5.75

INLET 4004
For Air Rotors of less than 3 7/8" diameter, Inlet 4004 can be used on the following blowers:

50746-D500, 50747-D230, 50747-D401, 50747-D500, 50747-D600, 50748-D500, 50748-D700, 50752-D230, 50752-D500, A069, A071, A073, A075, A081, A083, B23617 or B23618

Packaged one per kit.

INLET 4000
For Air Rotors of less than 4" to 5 1/2" diameter, Inlet 4000 can be used on the following blowers:
50755-D230, 50755-D500, 50756-D230, 50756-D500, 50757-D500, A159 or A161

Packaged one per kit.

FLANGES
Any flange below may be used on blower models 50747-D600, 50748-D700, B23617, B23618, A073 or A081.

KIT280
Meeting hole diameter .281"
Packaged one per kit.

KIT282
Meeting hole diameter .136"
Packaged one per kit.

KIT284
Packaged one per kit.

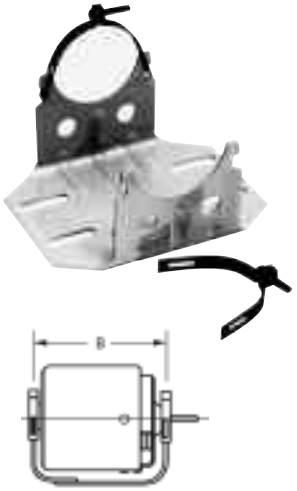
FASCO

Resilient Motor Bases

CRADEL BASE "B"DIMENSION	3 1/2" BASE #	3" BASE #
3.54	35-354	30-354
3.86	35-386	30-386
4.08	35-408	30-408
4.17	35-417	–
4.35	35-435	30-435
4.61	35-461	30-461
4.79	35-479	30-479
4.92	35-492	30-492
5.17	35-517	30-517
5.42	35-542	30-542
5.58	35-558	30-558
5.95	35-595	30-595
7.05	35-705	30-705

CLAMP6004

Extra base clamps.
Two base clamps ship with each base.



-specify shaft height 3.00" or 3.50" and motor model.

NOTE: The current base numbering system uses the first two numbers to indicate shaft height (30 is 3.0" and 35 is 3.5") and the last three numbers represent distance between cradle arms (386 is 3.86" etc.).
Example: 35-417 has a 3.5" shaft height and 4.17" cradle base. To achieve the shaft height listed, the 2 1/2" diameter rings must be used.

For motors not listed : Add .8 to "A" dimension of 4 7/16" diameter motors for base "B" dimension.
Add .9 to "A" dimension of 5" diameter motors for base "B" dimension.
Add .5 to "A" dimension of 5 5/8" diameter motors for base "B" dimension.

FASCO MODEL#	RECOMM. BASE	FASCO MODEL#	RECOMM. BASE	FASCO MODEL#	RECOMM. BASE	FASCO MODEL#	RECOMM. BASE	FASCO MODEL#	RECOMM. BASE	FASCO MODEL#	RECOMM. BASE
D112	517*	**D264**	408*	**D491**	558	**D783**	461	**D920**	595	**D1246**	435
D117	386	**D277**	479	**D492**	558	**D784**	558	**D923**	492	**D1709**	595*
D148	354	**D290**	435*	**D493**	558	**D785**	542	**D927**	435	**D1710**	705*
D150	492*	**D312**	492	**D494**	492	**D786**	595	**D928**	435	**D1745**	558
D151	492*	**D314**	517*	**D495**	492	**D787**	492	**D929**	558*	**D1748**	461
D152	492*	**D316**	461*	**D497**	542	**D788**	558	**D930**	558*	**D1749**	461
D154	558	**D329**	435	**D635**	435	**D789**	592	**D935**	558	**D1853**	492
D156	479*	**D333**	386*	**D655**	435	**D807**	435	**D937**	461	**D1910**	595
D158	479	**D335**	408	**D656**	479	**D812**	492	**D939**	461	**D1911**	558
D160	479	**D336**	435	**D658**	479	**D814**	435	**D940**	595*	**D2700**	595
D164	479*	**D337**	435	**D701**	595	**D816**	461	**D951**	595*	**D2701**	558
D166	479*	**D338**	492	**D703**	558	**D818**	705*	**D966**	517*	**D2702**	595*
D174	417	**D339**	492	**D711**	595	**D821**	542	**D967**	558	**D2703**	595*
D176	354*	**D347**	386	**D721**	461	**D823**	595	**D968**	595	**D2704**	595*
D178	417	**D354**	479	**D723**	517	**D825**	705	**D970**	595	**D2705**	705
D221	417	**D356**	417	**D725**	461	**D831**	705*	**D971**	542	**D2814**	595*
D224	435	**D382**	386	**D726**	558*	**D838**	595	**D972**	492	**D2816**	NONE
D236	435	**D389**	408	**D727**	479	**D860**	595	**D973**	461	**D2817**	595*
D245	558	**D435**	517*	**D728**	595	**D870**	542	**D974**	595	**D2818**	NONE
D247	479	**D474**	542	**D729**	595	**D879**	461	**D975**	461	**D2832**	595*
D249	354	**D480**	542	**D730**	595	**D896**	435	**D1015**	435	**D2833**	595
D250	435	**D481**	542	**D733**	492	**D897**	435	**D1016**	479	**D7745**	517
D252	354	**D482**	492	**D735**	595	**D902**	595	**D1025**	492	**D7748**	492
D253	354	**D483**	492	**D737**	517	**D910**	595	**D1033**	479	**D7749**	435
D254	417	**D484**	492	**D739**	492	**D911**	558	**D1042**	492	**S2846**	705
D255	417	**D485**	492	**D745**	517	**D912**	479	**D1046**	386	**S2848**	NONE
D256	479*	**D486**	517*	**D746**	517	**D913**	479	**D1051**	408	**S156**	435
D257	417	**D487**	517*	**D747**	542	**D914**	595	**D1061**	492		
D258	435	**D488**	517	**D748**	492	**D915**	595	**D1065**	408*		
D260	479	**D489**	542	**D780**	517	**D916**	595	**D1086**	435		
D261	461	**D490**	558	**D782**	492	**D918**	479	**D1089**	435		

*May need to reverse one or more mounting rings.

End Shield Kits

FOR 3.3" DIAMETER MOTORS

KIT216
Special end plate for 3.3" diameter motors for base mounting.
Use with Kit 180 mounting rings.
Packaged one per kit.

KIT225
Triangular bracket with grommets for 3.3" diameter motors.
Packaged one per kit.

MOUNTING CUP

KIT265
Used to mount 3.3" motors to some blower housings.
Packaged one per kit.

FOR SHAFT END OF 48 FRAME MOTORS

SHLD6301
Ventilated with flat face 1/2" Sleeve Bearing.

SHLD6312
Non-Ventilated with flat face 5/8" Sleeve Bearing.

FOR SHAFT END OF 48 FRAME MOTORS *(CONTINUED)*

SHLD6303
Ventilated with double oiling hub 1/2" Sleeve Bearing.

SHLD6311
Ventilated with flat face 5/8" Sleeve Bearing.

SHLD6302
Non-Ventilated with double oiling hub 1/2" Sleeve Bearing.

SHLD6304
Non-Ventilated with flat face 1/2" Sleeve Bearing.

KIT410
End Shield caps for 48 frame.
10 per kit (5 open, 5 closed).

FASCO

MOUNTING KITS

KIT200

Holes for 4.4" and 5.6" diameter motors.

One kit will adapt both ends of motor for base mounting.

KIT380

Rheem mounting adapter plate.

Packaged one per kit.

KIT199

Motor length adapter kit.

Provides means to base mount Fasco 5"" diameter motors.

Two kits needed to adapt both ends of motor for base mounting.

KIT214

Special end plate for 3.3" diameter.

Packaged one per kit.

KIT218

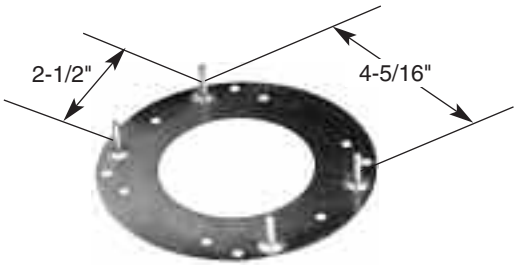
Aluminum stand-off bracket for motor-blower mounting.

Matches 3.3" mounting pattern.

Kit 214 required to mount to motor.

Packaged one per kit.

ADAPTER PLATES



KIT207

Provides rectangular mounting stud pattern on 5.0" or 5.6" diameter Fasco motors to match Fedders stud motors.

Similar to Emerson and RMR rectangular mounting stud patterns.

Packaged one per kit.

KIT205

Franklin Redmond 4 1/8" diameter mounting adapter plate.

Packaged one per kit.

MOUNTING ADAPTER KITS & PARTS

RHEEM MOUNTING CABLES

PART NO.	LENGTH	MOTOR H.P.
KIT325	3-1/4	1/6
KIT350	3-1/2	1/4
KIT378	3-1/8	1/3

H33

Special mounting kit for 3.3" diameter to replace motors in Nu-tone units.
Includes four nuts and
two hex hub brackets.
Use Kit 187 mounting rings.

KIT414

Adjustable casebolt mounting kit.
Four bolt adapters per kit.

COLEMAN "LORD" MOUNT

MNT1518

Stud: 1/4 x 8-32
Hole: 1/4 x 8-32
Bushing: 1/2 x 1/2
Shipped individually.

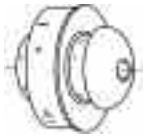
KIT208

Studs: 3/8" x 8-32 x 3/8"
Bushing: 1/2" x 1/2"
Four per kit.

MOUNTING GROMMETS

GROM6008

For 3/4" slot.
Shipped individually.



Includes a Steel Sleeve

GROM6000

For 1/2" slot.
Shipped individually.

RUBBER MOUNTING RINGS

FOR 5.6", 5.0" AND 4.4" DIAMETER MOTORS

KIT184

Henrite 2.50
Packaged two per kit.

KIT183

Henrite 2.25 O.D.
Packaged two per kit.

KIT186

All Rubber 2.50 O.D.
Packaged two per kit.

FOR 3.3" DIAMETER MOTORS

KIT180

Henrite 1.80 O.D.
Packaged two per kit.

KIT187

Rubber mounting rings; use with
H33 in Nutone and Broan applications.
Packaged two per kit.

Henrite are rubber mounting rings with steel band, used with cradle bases and knife edge motor supports.

All Rubber rings are used with direct drive blower motors and "Clamp" type supports.

FASCO

Accessories

MARS SERIES 081

STAKED TIE RODS QTY. 4

KIT220
8" long 8-32 NC for Fasco 5.6" diameter motors.
Includes one staked nut and one regular nut.

KIT221
8" long 10-32 NC for Fasco 4.4" diameter motors.

KIT465
Anderol 465 synthetic lubricating oil (3 oz.).
Packaged one per carton.

KIT832
8-32 Nuts, 32 pieces

WATER SLINGER

SLINGR6002
1/2" I.D. x 2" O.D.
Shipped individually.

KIT1032
10-32 Nuts, 32 pieces

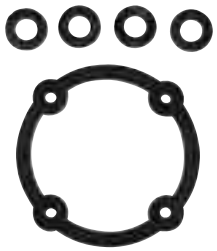
RAIN SHIELDS

KIT170
For 1/2" shaft diameter motors.

RAIN6000
For 5/8" shaft diameter motors.

NEOPRENE GASKET

GASKET0167
Includes one gasket and four grommets.
- 3.3" diameter motors
- 2.84" Bolt Circle diameter



COOLING FAN KIT FOR DRAFT BOOSTER MOTORS

FK100
C.W. rotation
1 3/4" diameter
1/4" Hub I.D.

FK101
C.C.W. rotation
1 3/4" diameter
1/4" Hub I.D.
Shipped one fan per kit.

SHAFT BUSHINGS QTY. 4

KIT240
1/4" ID x 5/16" OD

KIT242
3/8" ID x 1/2" OD

KIT244
5/16" ID x 3/8" OD

KIT246
1/2" ID x 5/8" OD

FASCO

Footnotes

1: 12 VDC

2: Dash Fan for mobile homes, campers, buses, cars and trucks

3: 24 Volt

4: Includes built-in switch

5: Exhaust fan for boat bilges, galleys, engine rooms and campers; Conforms to Coast Guard regulations

6: UL Approved Guide BCHW/# MQ302, BIA Listed: Code 190100

7: Packed 6 per carton

8: Packed 1 per carton

9: Use Fan Blades with round hub I.D.

10: Two Speed Motor

11: K110 has maximum flat length

12: Speed nut and vibration damper included

13: All mounting holes drilled and tapped

14: Individually boxed

15: Air Over

16: Skeleton Motor 173.25" Diameter

18: Self-Cooled

19: Popular ice machine pump motor

20: 4M 370V Capacitor included

21: 10M 440V Capacitor included

22: Impedance Protected

23: Has hubs for end rings

24: Closed construction

25: Mounting bracket designed to match the original motor (four 8-36 drilled and tapped holes)

26: Mounting hardware included

27: Has 22" leads with 1/16" thick insulation

28: Three studs opposite shaft end are 8-32 on a standard 2.84" bolt circle, 120°apart

29: 3.9" diameter

30: Includes 1/2" studs for mounting

31: See Tecumseh OEM section for cross references

32: Does not have extended hubs or rubber rings for base mount

33: Shell Turbo 68, low temp. oil (-40°F)

34: Bolt Circle = 3.15"

35: PSC use 4M 370V Capacitor

36: With conduit box

37: PSC motor requiring a 10M 370V Capacitor

38: 3.91" diameter

39: Rotation determined by viewing lug end

40: 4M 370V Capacitor

41: Totally enclosed, Sears-Whirlpool 5000-8000 BTU units

42: 3M 370V Capacitor

43: Wiring slightly different from OEM PSC; check name plate connection diagram. Capacitor and Bracket included. Replaces 2 and 3 speed SP and PSC motor. Motor in Gibson/Belding window units.

44: 4M 370V Capacitor (similar to GE WJ94X306)

45: Mechanically Reversible

46: End shield on D520 is easily removed, allowing rotor and shaft to be rotated, thereby reversing motor rotation.

47: Has Hall Effect sensor

48: 7.5M 370V Capacitor

49: Motors include shaft bushing

50: Stainless steel shaft

51: Includes centrifugal switch

52: Drilled & Tapped Holes (No. 8-32NC) in face of case at shaft end for mounting in various Coleman mobile home furnace applications, also has mounting studs

53: Used in Economite, "E-20," LS1/Miller and Mid Continent gas units

54: For use with Greenheck Fan

55: Shaft stepped down from 3/8" dia. shaft

56: OEM direct replacement for Jenn Air 80CR

57: Used in Jenn Air units P/N 7108-2101

58: Used in Leslie-Locke ventilators P/N 7108-5056

59: Used in Acme Eng. - Roof Vents

60: ILG ventilator 7108-2171. Has internal fan.

61: External oil retainer to accommodate resiliant rings and cradle base, drilled and tapped holes in case for mounting in Coleman applications (2 holes each end on case OD)

62: Self cooled for mechanical duty

63: Can be operated on 50Hz with air-over applications

64: 3/8" shaft diameter with adapter to convert to 1/2" diameter

65: Weld nuts on a 3.5" B.C. for stud mount

66: Front end shield drilled and tapped with four 10-32 threads on 3.5" bolt circle

67: 3M 370V Capacitor required

68: Electrically Reversible

69: 6M 370V Capacitor included

70: 5M 370V Capacitor included

71: Mounting rings not included

72: Has internal fan & 3.5" BC mounting holes for GE21/29 Frame replacement.

73: Drilled and tapped holes in case for Coleman mounting

74: Internal cooling fan

75: D180 for International Oil Burner Co. - Furnaces MAC5A, 1045, 1052, 1060, 1145, 1155, 1165, 1175,1265, 1380, 7040, 7060

76: Luxaire/Whisperaire

77: Roof Top Ventilators

78: With plug for Penn Ventilator

79: Replacement for Siegler & Williams wall heaters

80: Penn Ventilator

81: Replacement for Butler & Leslie-Locke roof ventilator-BX Connector

82: Hub only on shaft end

83: Replacement for Leslie-Locke roof ventilator

84: Unit heater

85: Sterling Radiator Co.

86: Replacement for ITT REZNOR

87: Includes shaft water slinger

88: 60°ambient temperature rating

89: Closed end shield shaft end

90: All angle mount bearings

91: 15M 370V Capacitor

92: 10M 370V Capacitor

93: Open vented on opposite shaft end

94: Has 4 drilled and tapped holes in shell

95: All angle mount bearings. Use rain shield when necessary

96: Shaft up or horizontal applications

97: Shaft down or horizontal applications

98: Motor has increased stack for higher ambient temperatures

99: 7.5M 440V Capacitor

100: Comes with unmounted conduit box

101: 20M 370V Capacitor

102: Does not have removable conduit boxes

103: Has maximum ventilation for high ambient temperatures

104: Special wiring configuration. Cannot be used with SPDT switching

105: Keyed shaft

106: Does not come with conduit box

107: 5M 440V Capacitor

108: Ideal for blowers and fans used in furnaces and air-conditioners

109: Includes 8 drilled and tapped holes in shell

110: Capacitor and base are included

111: Ideal for unit heaters

112: Should not be used for replacements where original motor is rated below 1500 RPM

113: Ideal versatility using Kit 200 "X" brackets to accommodate various cradle base lengths

114: Ideal for lug mounting using lug Kit 55L or 55S

115: All angle mount sleeve bearings

116: Hubless endshields for flush mounting

117: Includes dust seal

118: Includes pull-chain switch

119: Has 10' cord set

120: 12.5M 370V Capacitor included

121: No pedestal yoke mount

122: Poultry and Hog House fan motor

123: Agricultural applications

124: Bulk milk agitator gear motor

125: 120 in/lbs.

126: Belted Fan & Blower Motor

127: Continuous duty

128: Resilient base

129: 56H Mounting

130: 145T Frame

131: NEMA 56Y Frame

132: Condenser Fan Motor

133: 4M 250V Capacitor included

134: Replacement for Airease, Armstrong and Magic Chef

135: Leads require modification

136: 6M 370V Capacitor

137: Water heater draft inducer

138: Includes shaft bushing

139: Does not have shaft bushing

140: 7.5M 370V Capacitor installed

141: Original motor is SP, D1050 is PSC to provide greater motor efficiency and permit closing of shaft end to prevent moisture from entering.

142: Not a direct replacement, but suitable for reference models.

143: 2M 370V Capacitor

144: Separate connection for each voltage

145: Equipped with KFAN6046 fan blade

146: 12.5M 370V Capacitor

147: 10M 440V Capacitor

148: Not a direct replacement for 253-1194, but is an acceptable substitute

149: 5M 370V Capacitor

150: Not a direct replacement for 5KCP49SG1010S, but is an acceptable substitute

151: Replacement for Airease

152: Mounts on (3) P/N 0061-1518 Coleman Mounts

153: 4M 370V Capacitor rating (not included)

154: 4M 370V Capacitor rating (included)

155: 25M 370V Capacitor

156: Has special OEM wiring configuration - Not for general purpose 3 speed applications

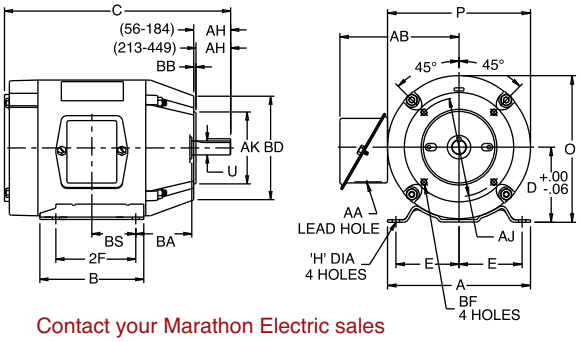
NOTES

marathon electric

Section

NEMA Quick Reference Dimensional Chart

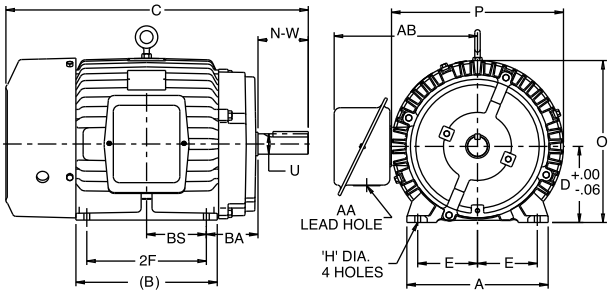
Typical C-Face Motor



NEMA C-Face	BA Dimensions
143-5TC	2-3/4
182-4TC	3-1/2
213-5TC	4-1/4
254-6TC	4-3/4

Contact your Marathon Electric sales representative for "AB", "O", & "P" Dimensions.

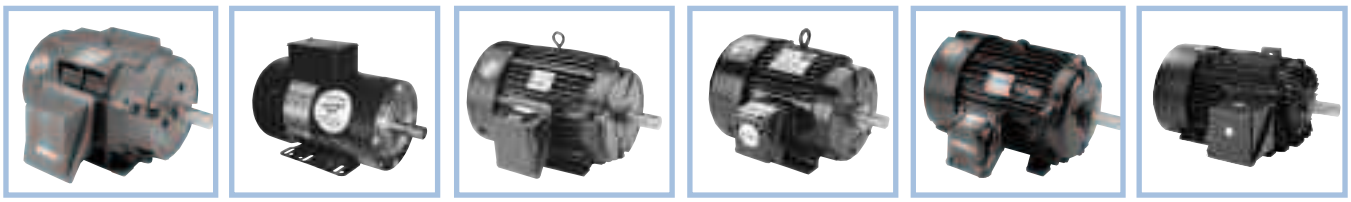
Typical Rigid Base Motor



Refer to your Marathon Electric catalog for "C" Dimensions.

FRAME	D	E	2F	H	U	N-W	AA	AH	AJ	AK	BA	BB (MIN)	BD (MAX)	BF
48	3.00	2.12	2.75	.34 SLOT	.5000	1.50	1/2	1.69	3.750	3.000	2.50	.13	5.62	1/4-20
56	3.50	2.44	3.00	.34 SLOT	.6250	1.88	1/2	2.06	5.875	4.500	2.75	.13	6.50	3/8-16
56H	3.50	2.44	5.00	.34 SLOT	.6250	1.88	1/2	2.06	5.875	4.500	2.75	.13	6.50	3/8-16
143T	3.50	2.75	4.00	.34	.8750	2.25	3/4	2.12	5.875	4.500	2.25	.13	6.50	3/8-16
145T	3.50	2.75	5.00	.34	.8750	2.25	3/4	2.12	5.875	4.500	2.25	.13	6.50	3/8-16
182	4.50	3.75	4.50	.41	.8750	2.25	3/4	2.12	5.875	4.500	2.75	.13	6.50	3/8-16
184	4.50	3.75	5.50	.41	.8750	2.25	3/4	2.12	5.875	4.500	2.75	.13	6.50	3/8-16
182T	4.50	3.75	4.50	.41	1.125	2.75	3/4	2.62	7.250	8.500	2.75	.25	9.00	1/2-13
184T	4.50	3.75	5.50	.41	1.125	2.75	3/4	2.62	7.250	8.500	2.75	.25	9.00	1/2-13
213	5.25	4.25	5.50	.41	1.125	3.00	1	2.75	7.250	8.500	3.50	.25	9.00	1/2-13
215	5.25	4.25	7.00	.41	1.125	3.00	1	2.75	7.250	8.500	3.50	.25	9.00	1/2-13
213T	5.25	4.25	5.50	.41	1.375	3.38	1	3.12	7.250	8.500	3.50	.25	9.00	1/2-13
215T	5.25	4.25	7.00	.41	1.375	3.38	1	3.12	7.250	8.500	3.50	.25	9.00	1/2-13
254U	6.25	5.00	8.25	.53	1.375	3.75	1-1/4	3.50	7.250	8.500	4.25	.25	10.00	1/2-13
256U	6.25	5.00	10.00	.53	1.375	3.75	1-1/4	3.50	7.250	8.500	4.25	.25	10.00	1/2-13
254T	6.25	5.00	8.25	.53	1.625	4.00	1-1/4	3.75	7.250	8.500	4.25	.25	10.00	1/2-13
256T	6.25	5.00	10.00	.53	1.625	4.00	1-1/4	3.75	7.250	8.500	4.25	.25	10.00	1/2-13
284U	7.00	5.50	9.50	.53	1.625	4.88	1-1/2	4.62	9.000	10.500	4.75	.25	11.25	1/2-13
286U	7.00	5.50	11.00	.53	1.625	4.88	1-1/2	4.62	9.000	10.500	4.75	.25	11.25	1/2-13
284T	7.00	5.50	9.50	.53	1.875	4.62	1-1/2	4.38	9.000	10.500	4.75	.25	11.25	1/2-13
286T	7.00	5.50	11.00	.53	1.875	4.62	1-1/2	4.38	9.000	10.500	4.75	.25	11.25	1/2-13
284TS	7.00	5.50	9.50	.53	1.625	3.25	1-1/2	3.00	9.000	10.500	4.75	.25	11.25	1/2-13
286TS	7.00	5.50	11.00	.53	1.625	3.25	1-1/2	3.00	9.000	10.500	4.75	.25	11.25	1/2-13
324U	8.00	6.25	10.50	.66	1.875	5.62	2	5.38	11.000	12.500	5.25	.25	14.00	5/8-11
326U	8.00	6.25	12.00	.66	1.875	5.62	2	5.38	11.000	12.500	5.25	.25	14.00	5/8-11
324T	8.00	6.25	10.50	.66	2.125	5.25	2	5.00	11.000	12.500	5.25	.25	14.00	5/8-11
326T	8.00	6.25	12.00	.66	2.125	5.25	2	5.00	11.000	12.500	5.25	.25	14.00	5/8-11
324TS	8.00	6.25	10.50	.66	1.875	3.75	2	3.50	11.000	12.500	5.25	.25	14.00	5/8-11
326TS	8.00	6.25	12.00	.66	1.875	3.75	2	3.50	11.000	12.500	5.25	.25	14.00	5/8-11
364U	9.00	7.00	11.25	.66	2.125	6.38	2-1/2	6.12	11.000	12.500	5.88	.25	14.00	5/8-11
365U	9.00	7.00	12.25	.66	2.125	6.38	2-1/2	6.12	11.000	12.500	5.88	.25	14.00	5/8-11
364T	9.00	7.00	11.25	.66	2.375	5.88	2-1/2	5.62	11.000	12.500	5.88	.25	14.00	5/8-11
365T	9.00	7.00	12.25	.66	2.375	5.88	2-1/2	5.62	11.000	12.500	5.88	.25	14.00	5/8-11
364TS	9.00	7.00	11.25	.66	1.875	3.75	2-1/2	3.50	11.000	12.500	5.88	.25	14.00	5/8-11
365TS	9.00	7.00	12.25	.66	1.875	3.75	2-1/2	3.50	11.000	12.500	5.88	.25	14.00	5/8-11
404U	10.00	8.00	12.25	.81	2.375	7.12	3	6.88	11.000	12.500	6.62	.25	15.50	5/8-11
405U	10.00	8.00	13.75	.81	2.375	7.12	3	6.88	11.000	12.500	6.62	.25	15.50	5/8-11
404T	10.00	8.00	12.25	.81	2.875	7.25	3	7.00	11.000	12.500	6.62	.25	15.50	5/8-11
405T	10.00	8.00	13.75	.81	2.875	7.25	3	7.00	11.000	12.500	6.62	.25	15.50	5/8-11
404TS	10.00	8.00	12.25	.81	2.125	4.25	3	4.00	11.000	12.500	6.62	.25	15.50	5/8-11
405TS	10.00	8.00	13.75	.81	2.125	4.25	3	4.00	11.000	12.500	6.62	.25	15.50	5/8-11
444U	11.00	9.00	14.50	.81	2.875	8.62	3	8.38	14.000	16.000	7.50	.25	18.00	5/8-11
445U	11.00	9.00	16.50	.81	2.875	8.62	3	8.38	14.000	16.000	7.50	.25	18.00	5/8-11
444T	11.00	9.00	14.50	.81	3.375	8.50	3	8.25	14.000	16.000	7.50	.25	18.00	5/8-11
445T	11.00	9.00	16.50	.81	3.375	8.50	3	8.25	14.000	16.000	7.50	.25	18.00	5/8-11
444TS	11.00	9.00	14.50	.81	2.375	4.75	3	4.50	14.000	16.000	7.50	.25	18.00	5/8-11
445TS	11.00	9.00	16.50	.81	2.375	4.75	3	4.50	14.000	16.000	7.50	.25	18.00	5/8-11
447T	11.00	9.00	20.00	.81	3.375	8.50	3	8.25	14.000	16.000	7.50	.25	18.00	5/8-11
449T	11.00	9.00	25.00	.81	3.375	8.50	3	8.25	14.000	16.000	7.50	.25	18.00	5/8-11
447TS	11.00	9.00	20.00	.81	2.375	4.75	4 NPT	4.50	14.000	16.000	7.50	.25	18.00	5/8-11
449TS	11.00	9.00	25.00	.81	2.375	4.75	4 NPT	4.50	14.000	16.000	7.50	.25	18.00	5/8-11

Marathon Electric...ready for EISA



The world of electric motors is changing at an unprecedented rate. Among these megatrends is a greater emphasis on energy efficiency and environmental stewardship. Marathon Electric has long supported these trends…as exemplified by our products, such as the **XRI®** family of ultra-high efficiency motors introduced in 1986, and our processes, namely our 30+ year practice of recycling steel and a unique sand recovery system in our Wausau foundry.

Electric motor systems account for 23% of all electricity consumed in the U.S. and 70% of all electrical energy in the manufacturing sector. The energy required to operate electric motors spewed a staggering 26 billion metric tons of CO_2 emissions into the atmosphere in 2004… expected to grow another 65% by 2030.

It's clear that action is required, so Marathon Electric and other NEMA partners stepped up to support United States Federal legislation to ensure a legacy of health to those who follow us as well as allow us to become less dependent upon a dwindling supply of fossil fuels. We're proud of the steps we've taken to help our environment and our global economy. Utilities, government bodies and other stakeholders in North American and around the globe have taken similar measures to encourage the use of highly efficient AC motors.

Expect to hear more and more about **"EISA" (Energy Independence and Security Act)**. Electric motors, lighting, buildings, appliances and power transmission grids manufactured in the U.S. will be subject to higher efficiency standards by December, 2010. Marathon Electric's **NEMA Premium® XRI®** motors were EISA-compliant more than five years before congressional action was taken. These products, shown in this catalog, are available NOW. Additionally, variations of these designs are available from one of Regal-Beloit's 30+ factories around the globe.

A summary of EISA requirements follows:

Description	Efficiency*
1-200HP, T frame, 2/4/6-Pole, 230 or 460V, 3-Ph, 60 Hz, open	NEMA MG1 Table 12-12
1-200HP, T frame, 2/4/6-Pole, 230 or 460V, 3-Ph, 60 Hz, enclosed	NEMA MG1 Table 12-12
1-200HP, T frame, 2/4/6-Pole, 230 or 460V, 3-Ph, 60 Hz, explosion proof	NEMA MG1 Table 12-12
201-500 HP, 2/4/6-Pole, <600V, open or enclosed	NEMA MG1 Table 12-11
U frame	NEMA MG1 Table 12-11
Design C	NEMA MG1 Table 12-11
Close-coupled pump	NEMA MG1 Table 12-11
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Footless motors	NEMA MG1 Table 12-11
Vertical Solid Shaft, normal thrust	NEMA MG1 Table 12-11
8-Pole (900 RPM @ 60 Hz)	NEMA MG1 Table 12-11
Multi-speed (based on highest HP & associated pole/RPM)	NEMA MG1 Table 12-11
3-Ph, 60 Hz, with voltages less than 600 but not 230 or 460	NEMA MG1 Table 12-11
Intermittent duty	NEMA MG1 Table 12-11
3-Ph, 50 Hz, all voltages	Not subject to EISA
60/50 Hz rated motors subject to EISA if operated at 60 Hz	
TEBC and DPFV not subject to EISA	

*NEMA Table 12-12 refers to NEMA Premium, see page 117. Table 12-11 generally refers to EPAct levels, see page 116.

In preparation for EISA, we encourage you to evaluate electric motors in your facilities, products and supply chains to determine how you may be individually impacted. Then contact your nearest Marathon Electric representative or distributor to help ensure you'll have an adequate supply of compliant product on December 19, 2010.

Marathon Electric, and our parent company Regal-Beloit, are committed to exceeding our customers' expectations with innovative solutions that deliver real value, while employing e-tools and Lean Six Sigma practices that enhance our ability to serve our valued customers around the globe.

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MARATHON

General Information

MARATHON ELECTRIC

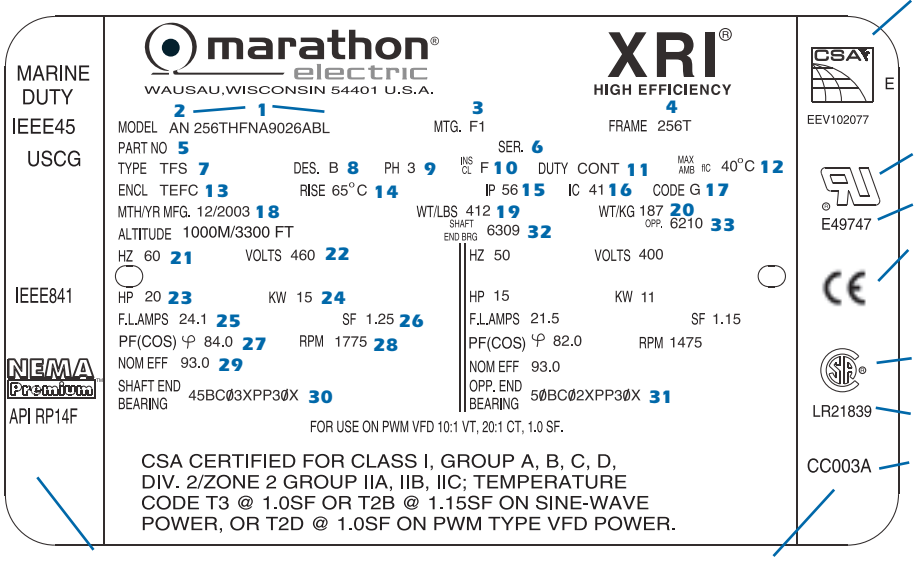
Since 1913, Marathon Electric's name has been recognized for engineering excellence, custom-designed products and an extensive product line of industrial quality motors. Available in all popular enclosures from 1/12 HP through 3000 HP and in a variety of mounting configurations, Marathon Electric's unique designs provide more ways in which to add accessories, such as blowers, brakes and encoders, to our motors than anyone else in the motor business. Our state-of-the-art lab facilities are equipped and staffed with the finest resources available to ensure successful utilization of our products. Finally, as the preferred supplier of motors to most of the top drive manufacturers in North America, we have what it takes to be a leader in understanding the interaction of drives as they are applied with AC induction motors.

WEBSITE

Product features and performance data information can be accessed instantly, any time of the day on **www.marathonelectric.com**.

Marathon Electric Nameplate Information - HOW TO READ A MARATHON ELECTRIC NAMEPLATE

The nameplate is the key to selecting the proper replacement motor.



CSA Verification Mark - Complies with CSA's Energy Efficiency Verification Service and their Standard C390 - C390 is the Canadian efficiency equivalent of EPAct.

Underwriters Laboratories, Inc.
UL Recognized Component Mark
UL file #

CE (Conformité Européene) Marking
This mark signifies the motor complies with the European Low Voltage Directive.

CSA Mark - Certified by the Canadian Standards Association
CSA file #

CC# - Compliance Certification Number as per assigned by the Department of Energy. Motors meeting EPAct efficiencies or higher will have this number.

Motor Specifications (Example)

Agency Symbols

1. **MODEL** - The ID number
2. **DATE CODE** - The month and year manufactured
3. **MTG.** - Mounting
4. **FRAME** - The size & mounting
5. **PART NO.** - Customer part number
6. **SER.** - Serial number
7. **TYPE** - Electrical type
8. **DES.** - Code by NEMA or IEC
9. **PH** - Electrical phase usually 1 or 3
10. **INS CL** - Insulation Class
11. **DUTY** - Time rating under load
12. **MAX AMB** - The allowable surrounding air temperature
13. **ENCL** - Enclosure (i.e. TEFC)
14. **RISE** - The temperature rise over ambient expressed in degrees Celsius when the motor operates at nameplated HP or KW
15. **IP** - Inherent Protection of the enclosure to solids and liquids as defined by IEC 34-5
16. **IC** - Inherent Cooling
17. **CODE** - NEMA locked-rotor KVA
18. **MTH/YR MFG.** - Month and year motor was manufactured
19. **WT/LBS** - Motor weight in pounds
20. **WT/KG** - Motor weight in kilograms
21. **HZ** - Input frequency of the power supply, usually 50 or 60 HZ
22. **VOLTS** - Voltage rating of the motor at the operating frequency
23. **HP** - Rated horsepower the motor will produce
24. **KW** - Rated output in watts
25. **F.L. AMPS** - The rated load current expressed in amps at nameplated horsepower with nameplate voltage and frequency
26. **S.F.** - Percentage of the rated horsepower the motor can safely operate at: Example: 1.15 SF (115% of rated HP)
27. **PF / COS** - Power Factor / Cosine is the ratio of actual power to the apparent power
28. **RPM** - Full load speed at rated frequency
29. **NOM EFF** - Average Efficiency
30. **SHAFT END BEARING** - Manufacturer drive end bearing number
31. **OPP. END BEARING** - Manufacturer opposite drive end bearing number
32. **SHAFT END BRG** - Drive end bearing size
33. **OPP** - Opposite drive end bearing size

General Information

HOW TO READ A MODEL NUMBER:
Each Marathon Electric motor carries a model number that can be used to define some of the motor's physical and electrical characteristics.

Example (For Fractional): 1PC48C17D2000AP

This is a breakdown of the model on the nameplate:

1	P	C	48	C	17	D	2000	A	P
1	2	3	4	5	6	7	10	11	12

This is a breakdown of the model in the catalog:

48	C	17	D	2000
4	5	6	7	10

Example (For Integral): 2QA215TBDRA7076ALL

This is a breakdown of the model on the nameplate:

2	Q	A	215T	B	D	R	A	7076	AL	L
1	2	3	4	5	7	8	9	10	11	12

This is a breakdown of the model in the catalog:

215T	B	D	R	A	7076
4	5	7	8	9	10

1. Date Code - Year of Manufacture
(Not shown in catalog listings.)

2. Thermal Protection (Not shown in catalog listings.)

	UL Recognized Motor Protector Combination	UL Recognized Motor Construction
Automatic Reset	Automatic Reset	Automatic Reset
Q	Yes	Yes
S	No	No
U	No	Yes
W	#	Yes
Manual Reset	Manual Reset	Manual Reset
P	Yes	Yes
Z	No	Yes
X	No	No
None	None	None
V	No	Yes

Motor protector combination is U.L. recognized only if motor is used in direct drive fan duty application, and is under locked rotor condition, or is running under no-load condition.

3. Date Code - Month of Manufacturer (Not shown in catalog listings.)

4. NEMA Frame Size - (Integral motors - T and U designate standard shaft, TS and US designate short shaft)

5. Electrical Type
Single Phase:
A = Permanent split capacitor
B = Capacitor start, capacitor run
C = Capacitor start, induction run
N = Split phase start, capacitor run
S = Split phase
Three Phase:
T = Three phase
H = Inverter Duty/IEEE841 Inverter Duty
V = Medium Voltage
DC Power:
E = Permanent Magnet DC

6. RPM or Speed at 60 Hz (Fractional Only)
34 = 2-Pole, 3600 rpm
17 = 4-Pole, 1800 rpm
11=6-Pole, 1200 rpm
8 = 8-Pole, 900 rpm

7. Enclosure
D = Dripproof
E = Explosion proof, non-ventilated
F = Totally enclosed, fan cooled
G = Explosion proof, fan cooled
O = Open
P = Partial
S = Semi-enclosed
T = Totally enclosed, non-ventilated
V = Washdown, non-ventilated
W = Washdown, fan cooled

8. Frame Construction (where applicable)

Integral	Fractional
L = Aluminum (Full Frame)	B = Rolled Steel - Sourced
Y = Aluminum (Full Frame)	D = Stainless Steel - Sourced
Z = Aluminum (High Mount Down Frame)	U = Frameless - Sourced
H = Aluminum - Sourced	
R = Rolled Steel (Full Frame)	
W = Rolled Steel (Full Frame)	
X = Rolled Steel (High Mount Down Frame)	
B = Rolled Steel - Sourced	
S = Cast Iron (Full Frame)	
N = Cast Iron (Full Frame)	
P = Cast Iron (High Mount Down Frame)	
C = Cast Iron - Sourced	
D = Stainless Steel	

9. Style Letter (A, B, C, etc. indicate redesign)

10. Sequence Number

11. Minor Modification Letter(s)
Fractional - 1 letter; Integral - 2 letters

12. Manufacturing Code - A code for the factory where the motor was manufactured.

MARATHON

General Information

HOW TO READ A MODEL NUMBER: Continued

Example ("harmonized" motor design):

A	B	C	D	E	F	G	H
5	KH	3	6	K	G	142	X

A. Rotating Device

B. Type of Winding

KH - Split Phase
KC - Capacitor Start, Induction Run
K - Polyphase
KCP - Permanent Split Capacitor
KCR - Capacitor Start, Capacitor Run

C. Lamination Size

3 - 48 frame, 4 - 56 frame

D. Length of Frame

	48 frame	56 frame
2	5.17	5.73
3	5.42	6.63
4	None	None
5	5.80	7.11
6	6.23	None
7	6.63	7.63
8	7.23	8.44
9	Spec.	Spec.

E. Stack Length

A - 5/8"	F - 1-1/4"	L - 1-7/8"	S - 3.0"
B - 3/4"	G - 1-3/8"	M - 2.0"	T - 3-1/4"
C - 7/8"	H - 1-1/2"	N - 2-1/4"	U - 3-1/2"
D - 1.0"	J - 1-5/8"	P - 2-1/2"	W - 4.0"
E - 1-1/8"	K - 1-3/4"	R - 2-3/4"	Q - Spec.

F. Sequence Number

G. Current Revision (blank if original)

H. Type of Overload

X - UL Auto running & locked rotor
Y - UL Manual running & locked rotor
S - UL Auto locked rotor
T - Non-UL Auto running & locked rotor
U - Non-UL Manual running & locked rotor
V - Thermostat
W - UL Motor Parts

ORDERING INFORMATION

When ordering, please include the model number, catalog number, description of the motor, quantity, shipping and billing instructions. For pricing of non-stock motors, or if you need assistance in selecting the proper motor, please contact your MARS customer service at 1-800-445-4155. All prices and data are subject to change without notice.

CANCELLATIONS AND RETURNS

Stock Product

Stock product can be returned for credit as defined herein. Equipment must be in original packaging, unused in "as shipped" condition and is limited to products currently maintained in stock inventory. The quantity returned cannot exceed Marathon Electric's normal stock quantity level. All motors returned must have date codes no older than 18 months from date of manufacture. The minimum restocking charge is 15% of the original net purchase price. Modified and build to order motors cannot be returned for credit. Return freight charges are the responsibility of the customer returning the motor for credit.

Non-stock Product Cancellation policy:

Cancellation charges for non-stock orders received and entered will be determined based on the percentage of completion in the engineering and manufacturing process, accounting for all costs plus a reasonable profit. Marathon Electric's determination of the cancellation charges shall be conclusive.

DISCOUNTS AND MULTIPLIERS

Except as noted, all prices in this catalog are list prices. 200 and 575 volt 3 phase ratings utilize the same list price as 230/460 volt. NEMA short shaft (TS) utilize the same list price as standard shaft (T). Contact MARS for special bearing systems, including all requirements for sleeve or roller bearing. For your discount and multiplier, contact MARS customer service.

MODIFICATION/ACCESSORIES

See the Modification/Accessories Sections for more information on modifications to create special motor variations.

General Information

STOCK, NON-STOCK AND BUILD UP MODELS

Standard motors listed in this catalog, as indicated with a star (⋆) next to the catalog number, are normally in stock. There is no minimum order quantity or minimum billing charge associated with stock motors, unless stated otherwise in your quotation or agreement with MARS.

Production of non-stock catalog models and all build-up models is subject to minimum order quantities or setup charges listed below.

48-140 Frame = 25 piece minimum
180-210 Frames = 5 piece minimum or $200 set-up/model
250-320 Frames = 5 piece minimum or $300 set-up/model

Build-up motors must be thoroughly described at time of order, and/or associated with a formal quotation issued by Marathon Electric. Inclusion of product features for similar motors documented in this catalog should not be assumed.

SERVICE

For service on any Marathon Electric motor, contact your nearest Marathon Electric Authorized Service Station. For a complete listing of all domestic and foreign service stations, refer to Marathon Electric's brochure, SB112, or www.marathonelectric.com.

OPERATION AND MAINTENANCE

For information on operation and maintenance, please consult the manual or card shipped with your new motor. Additional copies of "Installation, Operation & Maintenance Instructions" (brochure SB181) are available upon request or through our web site, www.marathonelectric.com.

STORAGE PROCEDURES

In the event that long-term storage of motors is required, Marathon Electric recommends the following precautions and procedures. This information is also contained in "Installation, Operation and Maintenance Instructions" (SB181).

A. Keep motors clean

1. Store indoors
2. Keep covered to eliminate airborne dust and dirt.
3. Cover openings for ventilation, conduit connections, etc., to prevent entry of rodents, snakes, birds and insects.

B. Keep motors dry

1. Store in a dry area indoors
2. Temperature swings should be minimal to prevent condensation.
3. Space heaters are recommended to prevent condensation.
4. Treat unpainted flanges, shafts and fittings with a rust inhibitor.
5. Check insulation resistance before putting motor into service.

C. Keep bearings lubricated

1. Once per month, rotate shaft several turns to distribute grease in bearings.
2. If unit has been stored more than one year, add grease before start-up (refer to lubrication procedure).

DIMENSION DRAWINGS

See Table of Contents for the dimension section in this catalog, www.marathonelectric.com or request certified drawings through MARS customer service.

General Information

WARRANTY

Marathon Electric warrants Fractional and Integral motors to be free from defects in materials and workmanship and to conform to Marathon's written specifications.

Motor Type	Warranty Period from Date of Installation*	Warranty Period from Date of Manufacture*
Standard Warranty for any product not shown below	12	18
Medium Voltage	12	18
EPAct compliant (aluminum, steel & cast iron frame)	24	30
Blue Chip Severe Duty Explosion Proof	24	30
Blue Max®, Black Max®, & microMax™ Inverter Duty	36	42
All XRI® (NEMA Premium®) incl. ODP, Blue Chip, Severe Duty, Explosion Proof, etc.	36	42
U-Frame Automotive Duty	60	66
Blue Chip IEEE-841	60	66

* Warranty period shown is in months, and is valid for whichever period expires first.

Note: Brake discs are considered a normal maintenance item and are not covered under warranty.

For more information, on Marathon Electric's warranty policy, refer to the "Terms and Conditions of Sale" (MPN411) in the back of this catalog.

SUBMITTAL DATA

Mechanical and electrical submittal data is available on many stock catalog motors through our website www.marathonelectric.com by following the three steps listed on the next page. All other submittal data is available upon request when accompanied by a purchase order for the specified motor, **subject to the following additional charges**

SUBMITTAL CHARGE SCHEDULE

TYPE	ELEMENTS	NET/EA
BASIC (.PDF format)	Nameplate data Motor characteristics Performance data Outline drawing External connection diagram	No-Charge
	Add for .dxf or .dwg format	$25
BASIC-PLUS (.pdf format)	All "BASIC" elements, tailored to specific order.	$75
	"Cut sheets" of installed accessories	
	Add for .dxf or .dwg format	$25
ADDITIONAL ITEMS (.pdf formats)	Speed/Torque curve	$50
	Torque capability curve	$50
	Commercial (end of line) test results (not available for West Plains motors)*	$50
	Certificate of conformance	$100
	Thermal damage curve (48-326T frame)	$500 + cost of additional motor
	Thermal damage curve (364T-6805 frame)	$1500 +cost of additional motor

* Does not imply retesting

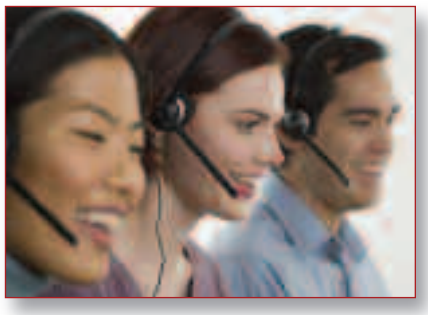
1. From our homepage, click on the Motors link. From the Motors page, enter in the Marathon Catalog number or Model number.

Then click on Model number in results window.

(Note: If you already have a Marathon Electric motor and are looking for the performance data, make sure the model number off the nameplate is what you use for your search. Ex. 056H17T5301).

2. The Motor Model Details page will appear. You will be able to print dimensional drawings and connection diagrams in PDF format for the motors. Under the Technical Data section, **click on the link, Certification Data Sheet.**

3. Your results will look similar to the **example** shown to the right for Marathon's 1/2 HP, Black Max® motor, model **# 056H17T5301. It's that easy!**



Questions?
Call MARS Customer Service
(800) 445-4155

Application Information

AGENCY LISTINGS

UL and CSA

Marathon Electric's Fire Pump and Explosion Proof motors are UL Listed. Other motor types are UL Recognized, including models with inherent overheating protection as noted (i.e. thermally protected models). Marathon motors are also CSA Certified for both explosion proof and non-explosion proof enclosures.

AC Motors

Non-Explosion Proof	UL File No.	CSA File No.
NEMA 48-449 Frame	E49747	LR2025
All 5K type models numbers	E46035	MC236833
NEMA 500 and 5000 Frame	—	LR2025*
IEC 63-90 Frame	E49747	LR2025
IEC 100-280 Frame	E49747	LR2025#
Thermally Protected motors	E6312	LR2025
Thermally Protected 5K motors	E14133	MC236833
Insulation Systems	E37900	LR2025
* Does not include coverage for use with VFD		
# Domestic product only		
Explosion Proof	**UL File No.**	**CSA File No.**
NEMA 56-326 Frame	E12044	LR47504
NEMA 364-449 Frame	E12044	LR21839
Fire Pump Motors	**UL File No.**	**CSA File No.**
NEMA 143-510	EX5190	LR2025
Class I, Division 2/Zone 2	**UL File No.**	**CSA File No.**
NEMA 48-449, 5000 Frame	—	LR21839
European ATEX Zone 2	**Intertek Certificate No.**	
NEMA 143-449, IEC 112-280	ITS06ATEX45370	

PMDC Motors

Non-Explosion Proof	UL File No.	CSA File No.
NEMA 56-145	E49747	E49747

CE (Conformity Europeanne)

CE marking on the nameplates of Marathon Electric motors is available upon request. Note that only the "Low Voltage" Directive applies to electric motors. Contact a factory representative for details. Non-explosion proof microMAX™, BlackMax® and BlueMax® (TENV and TEFC) standard (catalog) models have the CE Mark on the nameplate.

ATEX Directive (ATmospheres EXplosibles)

Mandatory by law, the European Union (EU) Directive 94/9/EC requires that electric motors for use in explosive atmospheres carry the CE mark, notified body identifier, Ex symbol, equipment group and category, plus the date code. See "European Installations" for additional details, located on the next page.

NEMA (National Electrical Manufacturers Ass'n)

Marathon Electric motors are manufactured in accordance with all applicable areas of NEMA standards in MG1-2006. When applied in accordance with the "Guidelines for Application of Three Phase Motors on Variable Frequency Drives", **Marathon Electric motors are in full compliance with NEMA MG1-2006, Part 31, Section 4.4.2**, as pertaining to voltage spikes. 460 volt motors must withstand voltage spikes of up to 1426 volts; 575 volt motors must withstand spikes up to 1788 volts. See "Insulation Systems" for additional detail on this subject.

Commitment to RoHS and WEEE European Directives

European Directive 2002/95/EC "Restriction of Use of Certain Hazardous Substances" (RoHS) and Directive 2002/96/EC "Directives on Waste Electrical and Electronic Equipment" (WEEE) were enacted to control the amount of certain hazardous substances contained in products shipped into the E.U. Restricted substances include lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls and polybrominated dipheynl ethers.

The scope of products covered, affecting motors, is:

- Large household appliances
- Small household appliances
- IT and telecommunications equipment
- Consumer equipment
- Electrical and electronic tools (except large scale stationary and industrial tools)
- Toys, leisure and sports equipment
- Automatic dispensers

The Directives do not currently apply to medical devices, monitoring and control instruments, spare parts for the repair or reuse of electrical and electronic equipment placed on the market before July 1, 2006, and most military and state security equipment.

Regal Beloit Corporation worked closely with suppliers to assure that product falling within the scope of these Directives meets the specified levels of these substances. The Directives took affect July 1st, 2006 however many products were converted in May and June. The products converted are motors in NEMA frame size 145 and below, both AC and DC motors with the following exceptions:

- Sleeve bearing motors
- Brake motors in 56-145 frame **will have to be ordered specifically as RoHS compliant.**
- **Some motors with specialty electro-mechanical components.**

BEARINGS

FRAME SIZE	STANDARD TYPE	COMMENTS
48	Shield Ball	
56 - 145T	Sealed Ball	
182 - 444T	Double Shield Ball	
284 - 449TS	Single Shield Ball	
445T - 6805	Double Shield Ball	Direct - coupled loads
445T - 6805	Roller (DE)/Ball	Belted loads

* Belting data must be provided on all belted applications

Standard horizontal motors can be mounted in a vertical shaft down orientation (except brakemotors). Contact a factory representative for shaft up mounting arrangements.

Motors for use in vertical shaft up or shaft down configurations must be reviewed by Engineering before ordering.

Continued on next page.

Application Information

Marathon Electric motors employ the use of Mobil POLYREX® EM grease, a specially formulated bearing grease designed for electric motors. POLYREX® EM provides superior lubricity, durability and resists corrosion, rust and washout. POLYREX® EM is a registered trademark of Mobil Corporation.

Maximum safe mechanical speed capability is a function of bearing size, type and grease selection, as well as rotor balance specifications. Consult the "Maximum Safe Mechanical Speed Limits" chart in the "Overspeed Capability" section.

Note that these values do not imply maximum constant horsepower RPM.

EFFICIENCY

The efficiency of a motor is the ratio of its useful power output to its total power input and is usually expressed in a percentage. Marathon Electric offers standard, high efficient EPAct, and NEMA Premium® efficient (XRI) ratings. Standard efficiency motors may only be used on applications that are exempt from legislated efficiencies. The high efficient motor line is in compliance with the Energy Policy Act of 1992 (EPAct) and/or Canadian efficiencies as set by NRCan. The Energy Independance and Security Act of 2007 (EISA07) will become law on December 19, 2010, requiring current EPAct-compliant motors to meet NEMA Premium® efficiencies, and most EPAct-exempt motors to meet EPAct levels. XRI Premium efficient motors in this catalog meet NEMA Premium® unless otherwise noted.

The XRI® line is a premium efficiency line, which exceeds mandated efficiencies of EPAct and /or NRCan. Unless otherwise noted, XRI® premium efficient motors in this catalog meet NEMA Premium® the newly promoted efficiency levels by NEMA and the Consortium for Energy Efficiency (CEE).

ELECTRICAL TYPE/STARTING METHOD

Motors in this catalog are capacitor start, split phase, permanent split capacitor, or three phase. Capacitor Start motors have high starting torque, high breakdown torque, and relatively low starting current. Split phase motors have medium starting torque and medium starting current. Permanent split capacitor motors have low starting torque and low starting current. Three phase motors have high starting, extra breakdown torque, and typically very low starting current. Single phase motors cannot be applied on variable frequency drives with three phase output.

ENCLOSURE AND METHOD OF COOLING

Marathon Electric motors are available in various enclosures; Dripproof (DP), Dripproof Force Ventilated (DPFV), Totally Enclosed Fan Cooled (TEFC), Totally Enclosed Non-Ventilated (TENV), Totally Enclosed (TEAO) and Totally Enclosed Blower Cooled (TEBC). Application conditions will determine the type of motor enclosure required.

Dripproof motors have open enclosures and are suitable for indoor use and in relatively clean atmospheres. Dripproof motors have ventilating openings constructed so that drops of liquid or solid particles falling on the machine at an angle of not greater than 15 degrees from the vertical cannot enter the machine.

Totally enclosed motors are suitable for use in humid environments or dusty, contaminated atmospheres. Totally enclosed non-ventilated motors are NOT cooled by external means. Totally enclosed fan cooled motors are cooled by external means that are part of the motor but not in the internal workings of the motor. Totally enclosed air over motors are sufficiently cooled by external means, provided by the customer.

HAZARDOUS DUTY™

Hazardous Duty™ motors are totally enclosed (fan cooled or non-ventilated) motors designed for applications in hazardous atmospheres containing explosive gases and/or combustible dusts.

North American installations

North American standards for electric motors generally fall into one of two divisions. Division 1 Explosion Proof motors are UL Listed in accordance with NFPA Class I (Flammable Gases) or Class II (Combustible Dusts) and Groups (gases or dusts), depending upon the atmosphere. Division 2 motors are CSA Certified and are marked similarly to Division 1 equipment. Inverter Duty motors through 449T frames are CSA Certified for use in Division 2 locations.

European installations

Motors for hazardous locations in Europe must meet a different set of standards and require different markings than those of North America. CENELEC sets the standards for equipment in hazardous locations for Europe. Motors for use in explosive atmospheres in Europe are often referred to as flameproof (Zone 1) or non-sparking (Zone 2) motors. These motors must comply with the ATEX Directive. The ATEX Directive covers all electrical equipment used in explosive atmospheres. To ensure compliance with the Directive, equipment must meet the essential ATEX requirements and carry the CE mark on the nameplate. Other information required on the nameplate includes the Ex symbol, group & category, Ex protection method, gas group, and temperature code, example (II 3 G Ex nA IIC T3).

The tables on the next page describe Marathon Electric's capabilities by Area Classification and by Temperature Code.

IEC DEGREES OF PROTECTION vs. MARATHON ELECTRIC'S STANDARD CONSTRUCTION

The enclosure terminology for an IEC motor is a combination of the IP (Ingress Protection) and IC (Inherent Cooling) codes. Each number in the IP code stands for a different degree of protection.

IP12 - Dripproof
IP22 - Dripproof with screens, or die cast aluminum bracket
IP43 - Totally Enclosed
IP54 - Totally Enclosed Severe Duty
IP55 - Totally Enclosed Severe Duty with V-Ring Shaft seals, and/or "Smart Ring" rotating shaft seal and Neoprene gaskets
IP56 - Totally Enclosed Severe Duty with rotating Shaft seals (eg. Inpro/Seal VBX bearing isolator) and Neoprene gaskets

Application Information

Marathon Electric Hazardous Duty Motor Area Classification Chart

Class I Area Classification (Flammable Gases, Vapors or Mists)				Class II Area Classification (Combustible Dusts)			
North America		Europe - ATEX (Category G - Gases)		North America		Europe - ATEX (Category D - Dusts)	
Division 1 Explosion Proof	Division 2 TEFC & TENV	Zone1 Flameproof	Zone 2 Non-Sparking	Division 1 Explosion Proof	Division2	Zone 21 Flameproof	Zone 22 Non-Sparking
Group A①	Group A	Contact MARS for ATEX Zone 1 capabilities	Group IIC, Category G	-	-	-	-
Group B②	Group B		Group IIC, Category G	-	-	-	-
Group C	Group C		Group IIB, Category G	-	-	-	-
Group D	Group D		Group IIA, Category G	-	-	-	-
-	-	-	-	Group E①	-	Category D	Category D
-	-	-	-	Group F	Group F①	Category D	Category D
-	-	-	-	Group G	Group G①	Category D	Category D

- Group is not applicable to that Division or Zone, or is not defined.
① Group is not available from Marathon Electric.
② Contact factory representative for availability.

Marathon Electric Hazardous Duty Motor Temperature Code Chart

	TEMPERATURE CODES		Division 1 Explosion Proof/Zone 1 Flameproof		Division 2/Zone 2 Non-Sparking
			Class I Area Classification (Flammable Gases, Vapors or Mists)	Class II Area Classification* (Combustible Dusts)	Class I Area Classification (Flammable Gases, Vapors or Mists)
Temp.	UL/CSA	ATEX	Division 1/Zone 1	Division 1/Zone 21	Division 2/Zone 2
280˚C	T2A	T2(280)	Explosion Proof - Class I, Group D (Group C as noted)		
260˚C	T2B	T2(260)			XRI® Severe Duty & IEEE-841 @ 1.15 S.F., Class I, Groups A,B,C,D (Sine wave power)
215˚C	T2D	T2(215)			Available through Marathon's Mod Central on Totally Enclosed EPAct, XRI®, XRI® Severe Duty or IEEE-841 @ 1.0 S.F. on PWM VFD, Class I, Groups A, B, C, D
200˚C	T3	T3			Available through Marathon's Mod Central on Totally Enclosed EPAct, XRI®, XRI® Severe Duty or IEEE-841 @ 1.0 S.F., Sine wave power Class I, Groups A, B, C, D
165˚C	T3B	T3(165)	Explosion Proof - Class I, Group D (Group C as noted), Sine wave or PWM power	Explosion Proof - Class II, Groups F & G, Sine wave or PWM power	
160˚C	T3C	T3(160)	Available through Marathon's Mod Central on Explosion Proof - Class I, Group C & D @ 1.0 S.F. - Contact Factory	Available through Marathon's Mod Central on Explosion Proof - Class II, Group F & G @ 1.0 S.F. - Contact Factory	
135˚C	T4	T4	ATEX compliant motors	ATEX compliant motors	

* Class II, Division 2 motors are not available from Marathon Electric.

Division I & II ambient range is -25°C to +40°C
ATEX ambient range is -20°C to +40°C
Consult MARS for higher ambients.

Application Information

INSULATION SYSTEMS

Class B – General Purpose motors that employ Class B insulation systems have a total temperature rating of 130°C and maximum allowable temperature rise of 80°C at 1.0 S.F.

Class F – Motors with a Class F system have a total temperature rating of 155°C, with a maximum temperature rise of 105°C at 1.0 S.F. Many Marathon Electric designs utilize a Class F system but limit temperature rise to no higher than "B" rise, providing thermal "headroom" for longer insulation life.

Class H – Class H insulated motors have a total temperature rating of 180°C and maximum allowable temperature rise of 125°C. All Marathon Electric motors that employ a Class H system are designed to operate between "B" and "F" rise, giving the user a generous thermal cushion.

"CR200" – Corona Resistant, 200° rated magnet wire is utilized in numerous general purpose and inverter duty motor designs to extend insulation life under the rigors of steep fronted voltage spikes, common with today's IGBT inverters. Refer to page 14 for product lines that employ the use of CR200 magnet wire.

Motors with the CR200 insulation system can be operated at up to 475 feet from the drive on 460 volt systems, at 3 KHz carrier frequency. For other voltages and/or carrier frequency combinations, contact a factory representative.

MAX GUARD® – All Black Max®, Blue Max®, Blue Chip®, XRI® Severe Duty and XRI®-841 (IEEE841) motors feature the MAX GUARD® insulation system, either in conjunction with Class F or Class H materials. Combining corona-resistant magnet wire (CR200) with our patented "low stress" winding configuration and uncompromising quality standards, MAX GUARD® delivers long, dependable motor life under the adverse thermal and dielectric stresses imposed by IGBT-based variable frequency drives.
MAX GUARD® surpasses the requirements of NEMA MG1-2006, Part 31, Section 4.4.2.

460 Volt (or lower) motors equipped with MAX GUARD® can be operated at any distance from the drive and at any carrier frequency. 575 Volt motors can be operated at up to 650 feet cable length at 3 KHz.

MOUNTING

Most Marathon Electric motors are designed for horizontal mounting (shaft parallel with ground), unless designed otherwise, such as Vertical P Base motors. As a general rule, a horizontal motor can also be mounted in a vertical shaft down orientation. Horizontal motors should never be mounted in a vertical shaft up orientation without consulting your application engineer, as this practice can cause damage to the motor, which is not covered under warranty. Brakemotors should not be mounted vertically (up or down), unless the brake has been specifically designed for such.

NEMA SERVICE FACTOR RATINGS

The table below lists the NEMA service factors for single phase, dripproof motors. Totally enclosed and explosion proof motors have 1.0 service factor except where noted.

Single Phase
NEMA SERVICE FACTOR @ RPM LISTED

HP	3600	1800	1200	900
1/12	1.4	1.4	1.4	1.4
1/8	1.4	1.4	1.4	1.4
1/6	1.35	1.35	1.35	1.35
1/4	1.35	1.35	1.35	1.35
1/3	1.35	1.35	1.35	1.35
1/2	1.25	1.25	1.25	1.15
3/4	1.25	1.25	1.15	1.15
1	1.25	1.15	1.15	1.15
1.5 & Up	1.15	1.15	1.15	1.15

OVERLOAD PROTECTION

There are four choices in protection: manual (inherent type), automatic (inherent type), thermostats, and none. A manual overload must be physically reset to restart the motor. An automatic thermal overload will stop the motor when it is overloaded or overheated and restart it after the motor has cooled down. None means the motor has no protection. Thermostats are embedded in the winding and connected to the motor starter control circuit. Marathon Electric's standards are normally closed thermostats, one per phase.

⚠CAUTION ***A motor with an automatic reset protector must not be used where automatic restarting (after motor cool-down) would endanger personnel or equipment. Such applications should use a manual reset protector.***

PHASE/POWER SUPPLY

Is the power supply three phase or single phase? Most home and farm applications require single phase motors, while most factories, large commercial and industrial users require three phase motors. Single phase motors can be used on three phase systems. Three phase motors, however, cannot be operated from single phase systems. Motor damage will result.

ROTATION

Most motors in this catalog are reversible by electrical reconnection or by physical orientation. Marathon Electric's standard rotation from the factory for single phase motors is counterclockwise, when viewing the opposite shaft end of the motor

SPEED/RPM

3600, 1800, and 1200 are the most common 60 HZ synchronous speeds with full load speed equivalents of 3450, 1725, and 1150.

Application Information

TERMINOLOGY

Ambient Temperature – Temperature of the medium, such as air, water or earth, into which the heat of the equipment is dissipated.

Ampere (AMP) - A measure of the rate of current through the motor.

Base Speed – Nameplate rating where the motor will develop rated HP at rated load and voltage. With AC systems, it is commonly the point where 60 Hz is applied to the induction motor.

Breakaway Torque – The torque required to start a machine from standstill.

Breakdown Torque (BDT) – The maximum torque that an AC motor will develop with rated voltage applied at rated frequency while rotating.

Cogging – A condition in which a motor does not rotate smoothly but "steps" or "jerks" from one position to another during shaft revolution. Cogging is most pronounced at low motor speeds and can cause objectionable vibrations in the driven machine.

Continuous Duty – The continuous rating is the maximum constant load that can be carried continuously without exceeding established temperature rise limitations under prescribed conditions of load and within the limitations of established standards.

Definite Purpose Motor – Any motor design, listed and offered in standard ratings with standard operating characteristics and mechanical construction, for use under service conditions other than usual or for use on a particular type of application (NEMA).

Duty Cycle – The relationship between the operating and resting times or repeatable operation at different loads and/or speeds.

Efficiency – Ratio of power output to power input indicated as a percentage. In motors, it is the effectiveness with which a motor converts electrical power into mechanical power.

Frequency – Number of cycles per second of alternating current 60HZ used primarily in the United States, 50HZ normally used overseas.

Full Load Torque (FLT) – The torque necessary to produce rated horsepower at full load speed.

General Purpose Motor – This motor has a continuous duty rating and NEMA A or B design, listed and offered in standard ratings with standard operating characteristics and mechanical construction for use under usual service conditions without restriction to a particular application or type of application (NEMA).

Inertia – A measure of a body's resistance to changes in velocity, whether the body is at rest or moving at a constant velocity. The velocity can be either linear or rotational. The moment of inertia (WK^2) is the product of the weight (W) of an object and the square of the radius of gyration (K^2). The radius of gyration is a measure of how the mass of the object is distributed about the axis of rotation. WK^2 is usually expressed in units of lb-ft^2.

Intermittent Duty – A motor that never reaches equilibrium temperature, but is permitted to cool down (to ambient temperature) between operations. For example, a crane, hoist or machine tool motor is often rated for 15, 30 or 60 minute duty.

Load Sharing – An application condition in which two or more similar-sized AC Induction motors are mechanically connected to each other and powered from the same inverter. Optimum load sharing is achieved with higher slip (NEMA Design B or C) motors.

Locked Rotor Current (LRA) – Steady state current taken from the line with the rotor at standstill, at rated voltage and frequency. This is the current when starting the motor and load across the line.

Locked Rotor Torque (LRT) – The minimum torque that a motor will develop at rest for all angular positions of the rotor, with rated voltage applied at rated frequency.

No Load (Conditions) – The state of a machine rotating at normal speed under rated conditions, but when no output is required from it.

Power Factor – Power factor is the ratio of real power (kW) to total kVA, or the ratio of actual power (W) to apparent power (volt-amperes).

Reactance – The opposition to the flow of current made by an induction coil or a capacitor. Performance data expresses stator reactance as X1 and rotor reactance as X2.

Resistance – The opposition to voltage or current in an electrical circuit. Performance data expresses stator resistance as R1 and rotor resistance as R2.

Rotor – The rotating member of a machine with a shaft.

Service Factor (SF) – When used on a motor nameplate, a number which indicates how much above the nameplate rating a motor can be loaded intermittently without causing serious degradation (i.e. a motor with 1.15 SF can produce 15% greater torque than one with 1.0 SF, within temperature constraints).

TERMINOLOGY

Shock Load – The load seen by a clutch, brake or motor in a system that transmits high peak loads. This type of load is present in crushers, separators, grinders, conveyors, winches and cranes.

Slip – The difference between the speed of the rotating magnetic field (synchronous speed) and mechanical rotational speed (rotor speed) of AC induction motors. Usually expressed as a percentage of synchronous speed.

Special Purpose Motor – A motor with special operating characteristics, special mechanical construction, or both, designed for a particular application and not falling within the definition of a general purpose or definite purpose motor (NEMA).

Speed Range – The minimum and maximum speeds at which a motor must operate under constant or variable torque load conditions. A 50:1 speed range for a motor with top speed of 1800 RPM means the motor must operate as low as 36 RPM and still operate within specifications.

Starting Torque – The torque exerted by the motor during the starting period.

Stator – The stationary portion of the magnetic circuit and the associated windings and leads of a rotating machine.

Synchronous Speed – The speed of an AC induction motor's rotating magnetic field. It is determined by the frequency applied to the stator and the number of magnetic poles present in each phase of the stator windings. Mathematically, it is expressed as Sync Speed (RPM) = 120 x Applied Frequency (Hz)/Number of Poles per phase.

Torque – A turning force applied to a shaft, tending to cause rotation. Torque is normally measured in "pound-feet" and is equal to the force applied times the radius through which it acts.

Torque-to-Inertia Ratio – The rated motor torque divided by its rotor inertia. Helps determine a motor's ability to accelerate loads and/or respond to commands from a drive to change speed or direction.

FORMULAS & CONVERSION FACTORS

$$\text{Torque (lb-ft)} = \frac{\text{HP x } 5250}{\text{RPM}}$$

$$\text{HP} = \frac{\text{Torque (lb-ft) x RPM}}{5250}$$

$$\text{Synchronous RPM} = \frac{120 \text{ x Frequency}}{\text{\# Poles}}$$

Ohms = Volts / Amperes (R = E/I)

Amperes = Volts / Ohms (I = E/R)

Volts = Amperes x Ohms (E = IR)

Newton-meters (torque) = 1.3558 x lb-ft

Pound-feet (torque) = .7376 x Newton-meters

Horsepower = 746 watts (.746 KW)

Kilowatts (KW) = 1.341 x Horsepower

Temperature (° Celsius) = 5/9 x (°F – 32)

Temperature (° Fahrenheit) = (9/5 x °C) + 32

Variable Speed Operation

Guidelines for Application of General Purpose, Three Phase, Single Speed Motors on Variable Frequency Drives Meets NEMA MG1-2006 Part 30 and Part 31 Section 4.4.2 Unless stated otherwise, motor nameplates do NOT include listed speed range.

ENCLOSURE	EFFICIENCY	VARIABLE TORQUE	CONSTANT TORQUE									
		ALL FRAMES	56	143-215		254-286		324-365		404-449	
NEMA Motors		ALL POLES	ALL POLES	2-Pole	4&6 Pole	2-Pole	4&6 Pole	2-Pole	4&6 Pole	2-Pole	4&6 Pole
ODP	Standard (EPAct exempt)	10:1	2:1	2:1	2:1	Contact Engineering					
	EPAct compliant	10:1	N/A	2:1	2:1	2:1	2:1	Contact Engineering			
	NEMA Premium (XRI)	10:1	N/A	10:1	10:1	10:1	10:1	10:1	10:1	2:1	2:1
TEFC	Standard (EPAct exempt)	10:1	2:1	2:1	2:1	Contact Engineering					
	EPAct compliant	10:1	N/A	2:1	10:1	2:1	10:1	2:1	2:1	2:1	2:1
	NEMA Premium (XRI)	10:1	N/A	2:1	20:1	2:1	20:1	2:1	20:1 (1)	2:1	20:1 (1)
TENV	EPAct compliant	10:1	N/A	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1
	NEMA Premium (XRI)	10:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1
Washdown TEFC	Standard (EPAct exempt)	10:1	10:1 (2)	10:1 (2)	10:1 (2)	N/A	N/A	N/A	N/A	N/A	N/A
	EPAct compliant	10:1	N/A	10:1 (2)	10:1 (2)	N/A	N/A	N/A	N/A	N/A	N/A
Washdown TENV	Standard (EPAct exempt)	10:1	1000:1	1000:1	1000:1	N/A	N/A	N/A	N/A	N/A	N/A
	EPAct compliant	10:1	N/A	1000:1	1000:1	N/A	N/A	N/A	N/A	N/A	N/A
Explosion Proof	All efficiency levels	Explosion Proof motors must be properly nameplated with inverter duty information prior to use on VFD. See Marathon catalog pages for specific rating capabilities. Motors with automatic overload protectors cannot be used on VFDs.									

IEC Motors		ALL FRAMES	63-90	100-225
All Enclosures	All efficiency levels	10:1	20:1	Up to 20:1

Notes: (1) 324-449T, 4 & 6 Pole XRI motors are rated for 20:1 C.T. with fan modification; otherwise rated for 2:1 C.T. continuous duty, or 20:1 C.T. 60 minute duty at lowest RPM.
(2) Washdown TEFC motors are rated for 10:1 C.T. 60 minute duty or 2:1 C.T. continuous duty at lowest RPM. Model numbers beginning with 5K are not suitable for use with Variable Frequency Drives.

Application Notes

Bearing currents	Marathon Electric recommends that any motors used with Variable Frequency Drives be equipped with suitable means to protect the motor bearings from shaft currents caused by common mode voltages inherent with operation on a non-sinusoidal power supply. Marathon Electric offers several options for motors in non-classified (non-hazardous) locations, including ground brushes, insulated bearings and non-contact shaft grounding rings. For more information on ground brushes and bearing currents, see the VARIABLE SPEED OPERATION section. For installation cost and available options, see the MOD CENTRAL section.
Restricted use	DO NOT APPLY THE FOLLOWING MOTORS ON VARIABLE FREQUENCY DRIVES: Single Phase motors, Motors with inherent overload protection, Multi-Speed motors, Motors with 1.0 Service Factor on sine wave power. Fire Pump motors should not be used with variable frequency power supplies, due to the critical nature of these applications.
Hazardous Locations	Consult with Marathon Electric when applying motors and drives into Hazardous Locations, either Division/Zone 1 or Division/Zone 2 areas. UL and CSA policies prohibit the installation of bearing protection devices, such as shaft grounding brushes, rings or insulated bearings on motors in Hazardous Locations.

Maximum Cable Lengths from the Motor to Drive

PRODUCT DESCRIPTION	3 kHz CARRIER FREQUENCY (PHASE TO PHASE)*		
	230 VOLT	460 VOLT	575 VOLT
56-326 NEMA, 100-225 IEC Frames	600 ft.	125 ft.	40 ft.
364-5013 NEMA, 250-315 IEC Frames	1000 ft.	225 ft.	60 ft.
Motors with CR^{200} Corona Resistant Magnet Wire	1500 ft.	475 ft.	140 ft.
Motors with MAX GUARD® insulation system	Unlimited	Unlimited	650 ft.
Form-wound low voltage motors	Unlimited	Unlimited	650 ft.

* Higher carrier frequencies require shorter cable length to obtain normal (50Khrs) insulation life.

Standard Motor Insulation Systems

CR200 CORONA-RESISTANT MAGNET WIRE	Max Guard*
microMAX inverter duty	Black Max Vector Duty
"4 - in - 1" Three Phase, C-Face with Removable Base	Blue Max Vector Duty
Standard Three Phase stock Brakemotors	Three Phase PowerWash XT and SXT washdown
Blue Chip Severe Duty Explosion Proof,	Blue Chip XRI Severe Duty
EPAct Efficiency	Blue Chip XRI-841 (IEEE841 compliant)
	Automotive Duty "T" Frame
	Blue Chip Explosion Proof, XRI Premium Efficiency
	Globetrotter IEC Metric motors

Variable Speed Operation

VARIABLE SPEED INFORMATION

Marathon Electric Vector-Duty and Inverter-Duty motors, unless otherwise stated, are rated for continuous operation in a 40°C ambient and for altitudes up to 3300 feet (1000 meters) above sea level. Special application considerations, such as high or low ambient, intermittent ratings, high altitude, duty cycle rated, extended constant horsepower range, special base speed, voltage or frequency, or any other special requirements, should be reviewed by a factory representative.

It is the responsibility of the startup personnel during commissioning of the VFD/motor system to properly tune the drive to the motor for the specific application. The correct voltage boost and volts/hertz settings are application dependent and unique to each motor design. Procedures for these adjustments should be in your VFD user manual. Many Vector Duty and Inverter Duty motors in this catalog are equipped with thermostats; warranty coverage may be denied if they are not properly utilized.

WARNING ***Power factor correction capacitors should never be installed between the drive and the motor.***

INVERTER DUTY OR INVERTER RATED

Inverter Duty

"Inverter Duty" (often called "Inverter Rated") motors are suitable for use with Variable Frequency Drives, as long as operation is within the application guidelines published in this catalog. In general, Marathon Electric's three phase, general purpose, NEMA Design B motors are considered "Inverter Duty", and meet or exceed the requirements of NEMA MG1, Part 30. As required under Federal law, these motors comply with EPAct efficiencies when operating from utility power.

Many of Marathon's motor product lines have been enhanced to facilitate reliable operation on today's variable speed drives, including wider constant torque speed range (up to 20:1) and improved insulation systems that withstand voltage spikes common with variable frequency operation.

Inverter Duty (Rated) motors are most often used in 10:1 speed range, variable torque or constant torque applications. A vector control is usually required for operation beyond 10:1 CT.

Refer to "Guidelines for Application of General Purpose, Single Speed Three Phase Motors on Variable Frequency Drives" in this section of this catalog for the allowable speed range and cable length restrictions (from VFD to motor). Additional detail regarding a specific product's capabilities is available on its catalog page, or by consulting your application engineer.

VECTOR DUTY – "Vector Duty" describes a class of motors that are used in conjunction with Open- (without encoder) or Closed-Loop (with encoder) Vector controls, that provide enhanced performance under low speed operating conditions, or in cases where torque (rather than speed) must be controlled. "Vector Duty" motors can be applied to Volts/Hertz (scalar) drives, as well.

Marathon Electric's "MAX" family, consisting of Blue Max®, Black Max® and microMAX™ motors, have been specifically designed for optimal operation on vector or volts/hertz controls. These motors feature a wide constant torque (up to 2000:1) and/or constant horsepower (up to 4:1) speed range and are performance-matched to all current technology IGBT drives. Vector Duty motors meet or exceed the requirements of NEMA MG1, Part 31, and are equipped with an enhanced insulation system (MAX GUARD® or CR^{200}) to provide many years of trouble-free service. Consult the catalog page for each product's capabilities and features. As these motors are specifically designed for operation through an inverter, they are exempt from EPAct legislation. Model numbers contain the letter "H" in the "Electrical Type" field.

VARIABLE TORQUE LOADS – Applications include fans, blowers and centrifugal pumps. Torque varies as the square of the speed, and horsepower as the cube of the speed. Operation below base speed significantly lightens the load on the motor. While most variable torque applications do not require the motor to operate below half speed, the motor is fully capable of operation to zero speed. Operation above base speed significantly adds to the load on the motor; therefore, a factory representative must review applications requiring variable torque above base speed. Refer to the application chart found on page 14 for use of general purpose three phase motors on variable frequency drives. Marathon's microMAX™, Black Max® or Blue Max® motors are not necessarily required for operation of variable torque loads. A bypass circuit is often employed in Variable Torque applications. If this device is intended to be used, selection of a NEMA Design B motor is recommended, to withstand the inrush current during across-the-line starting.

CONSTANT TORQUE LOADS – Applications include conveyors, elevators, hoists, extruders, positive displacement pumps, mixers and converting equipment. Torque remains constant throughout the range of operation, and extra care should be taken in the proper application of motors, especially at very low speeds. Most constant torque applications don't require operation below 10:1 (i.e. 6 Hz operation on a 60 Hz motor), but an increasing number of applications historically reserved for servo and/or stepper systems are being served with motors capable of operation beyond 20:1…even up to 2000:1 (zero speed, constant torque). Refer to the application chart found on page 14 for use of general purpose three phase motors on variable frequency drives.

Continued on next page.

Variable Speed Operation

CONSTANT TORQUE LOADS (Cont'd.)
Applications requiring greater than 20:1 C.T. are ideal for microMAX™, Black Max® or Blue Max® motors. These motors provide full rated torque within their listed speed range, without exceeding a Class F temperature rating while under inverter power (many operate at Class B). Ratings in this catalog have been developed, based on extensive testing on IGBT inverters, set at a minimum 3 KHz (or equivalent) carrier frequency.

Vector Duty and Inverter Duty motors from Marathon Electric are designed for operation at 150% of rated load for one minute, up to the base speed of the motor (overload capability declines to 100% as the motor reaches maximum constant HP speed). These motors accommodate constant horsepower operation to 1-1/2 to 2 times base speed, subject to the motor's maximum safe mechanical speed limit. Refer to the Maximum Safe Mechanical Speed Chart, as well as the performance section for each motor's capability.

Motors rated for zero RPM continuous duty (1000:1 or 2000:1) must be powered by vector drives to produce rated torque without overheating. Optimum zero speed and low-speed full torque performance may require a closed loop vector drive (with encoder feedback).

CONSTANT HORSEPOWER LOADS – Applications include coil winders, band saws, grinders, and turret lathes. Operation requires the motor to deliver the same horsepower rating, regardless of shaft speed. Torque increases at low speed and decreases at higher speed. Most general purpose motors can deliver constant horsepower up to 1 1/2 times base speed (consult a factory representative to verify performance). However, many constant HP applications require operation to twice base speed, and some, such as coil winders, up to 4 times base speed. microMAX™, Black Max® and Blue Max® motors are designed for 1 1/2 to 2 times base speed, and the Wide CHP motors, found in Marathon's SB371 Catalog, deliver up to 4 times constant horsepower performance.

BEARING CURRENTS – As stated in NEMA MG1-31.4.4.3, to protect a motor from inverter-sourced shaft voltages, either both bearings must be insulated or the motor shaft must be effectively grounded. Marathon Electric offers several effective means to protect the bearings from inverter sourced EDM (electrical discharge machining). A Shaft Grounding device is standard in Blue Max® motors, in frame sizes 444T and larger. Insulating the motor bearings will not prevent damage to bearings of a connected load, and insulated couplings should be employed to protect the load. Adding a ground brush to a motor with insulated bearings will divert motor shaft currents and help protect the bearings of the connected load. At this time, UL policy prohibits the use of ground brushes or insulated bearings in Hazardous Locations (Div 1 & 2, Zones 1, 2, 21 & 22).

MOTOR GROUNDING - Frames and accessories of all motors must be grounded in accordance with the National Electric Code (NEC) Article 430. Refer to NEC Article 250 for general information on grounding. Proper grounding of inverter-driven motors is essential to protect personnel and livestock from inverter-sourced common mode voltages, which may reach hazardous levels on the frame of ungrounded or poorly grounded motors.

LOW INPUT VOLTAGE – If, due to lower utility supply voltage, the input voltage from the VFD to the motor is lower than the motor's rated voltage, de-rating of the motor's base frequency, horsepower, full load RPM, and constant HP RPM is required. The revised values can be calculated by multiplying by the ratio of the voltage change. For example, to operate a 460 volt motor from an inverter fed by 50 or 60 HZ, 400 volt utility power, the multiplier is 400/460 or 0.87.

The VFD can be reprogrammed to match the new base point values, allowing the motor to provide rated torque at rated current from the new base speed down to its original minimum Constant torque speed. The motor's CHP range will begin at the new base frequency and will be shortened by the same ratio as described above.

OVERSPEED CAPABILITY – Maximum safe mechanical speed capability is a function of bearing size and type, lubrication, rotor balancing technique and specifications, air gap, enclosure, frame construction and connection to the driven load. In addition, consideration must be given to ambient noise levels, as operation above base speed will increase motor noise and vibration, and reduce bearing life. Under no circumstances should bearing hub temperature exceed 100° C. Belted loads should not exceed 60 Hz operating RPM by more than 25% (NEMA "TS" shafts are not suitable for belted loads). Due to external cooling fans, TEFC (and Explosion Proof Fan Cooled) motors are limited to 4000 RPM maximum speed.

Marathon Electric, through extensive testing in our state-of-the-art laboratory and in actual field experience, has developed a number of high speed motors whose maximum safe mechanical speed exceeds the values in the table below. The following table depicts maximum safe speed limits for continuous operation, direct-coupled, non-explosion proof motors, and does not imply constant horsepower capability. Please consult a factory representative for requirements beyond those listed, or for intermittent duty limits.

Maximum Safe Mechanical Speed Limits
(ODP, TENV, DPFV OR TEBC ENCLOSURES)
60 Hz base frequency

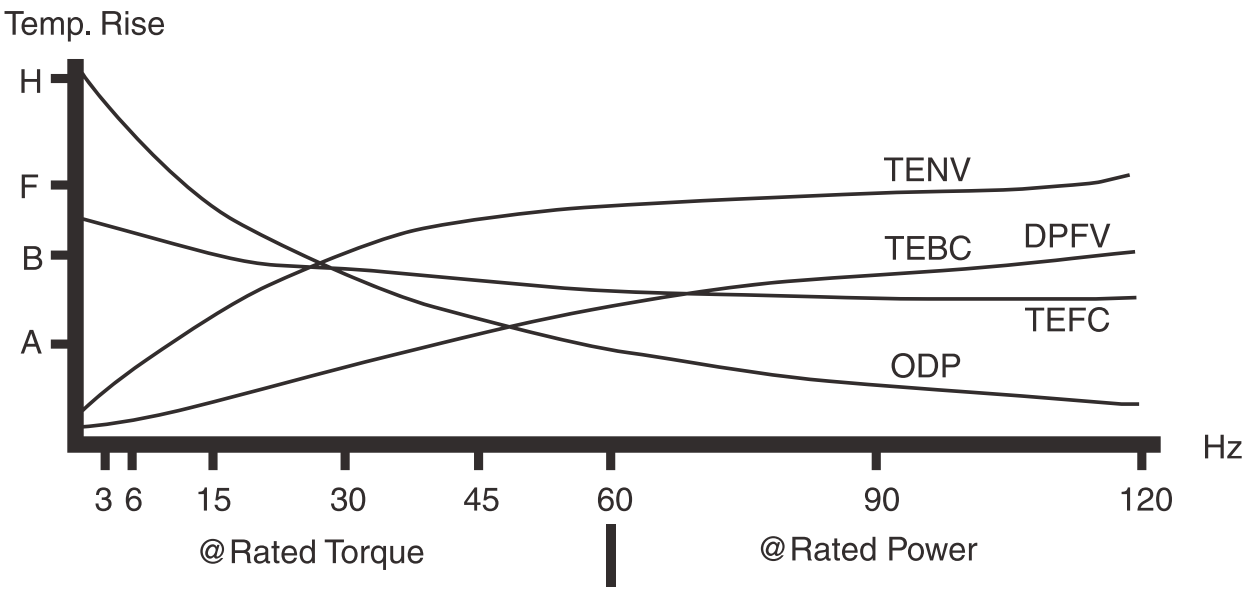
Frame Size	2-Pole	4, 6 or 8-Pole
56-184	7200	5400
213-256	5400	4200
284-286	5400	3600
324-326	4000	3600
364-365	4000	2800
404-449	3600	2800
5000 Fr	N/A	CALL
6800 Fr	N/A	CALL

Variable Speed Operation

OTHER APPLICATION CONSIDERATIONS –
For proper selection, the following should be considered:

- Horsepower or torque requirements at various speeds.
- Desired speed range of the load and motor.
- Acceleration and deceleration rate requirements of the process being controlled.
- Starting requirements including the frequency of starting and a description of the load (reflected inertia at the motor, load torque during starting).
- Whether the application is a continuous process or duty cycle of starts, stops and speed changes.
- A general description of the type of application including the environment in which the VFD system components must operate (determines motor enclosure and/or explosion proof classification).
- Description of the available electrical power supply and wiring.
- Special performance requirements, if any.
- Whether the drive will be configured with a by-pass circuit. In case of its deployment, the motor will operate like its fixed speed counterpart and may require a NEMA B design which limits in-rush current, or selection of a larger motor starter or other protective circuitry.
- Load sharing
- Mounting and other mechanical considerations

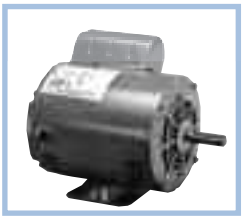
Typical Temperature Rise Of Various Enclosures



MARATHON

General Purpose, Single Phase

MARS SERIES **550**



Features:

- Heavy gauge steel constructions
- Ball bearings (except as noted)
- Economical split phase or capacitor start designs, as noted
- Service Factor, as noted
- UL Recognized and CSA Certified

(NEMA Service Factor), Dripproof, Rigid Base

HP	RPM	VOLTS	FRAME	OVER LOAD	MARS NO.	MODEL NO.	STOCK	FORMER NO	FORMER MODEL NO.	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
1/6	1800	115	48	AUTO	4349	5KH39QN9537X	★			$134	F1	3.9	8.94	3,4,7,20
1/4	1800	115	48	NONE	4354	5KH39QN9538	★			$137	F1	5.1	8.94	3,4,7,20
	1800	115	48	NONE	H239	5KH33FN6	★			$184	F1	5.6	8.87	3,7,20
	1800	115	48	AUTO	4362	5KH39QN9686X	★			$141	F1	5.1	8.94	3,4,7,20
	1800	115/208-230	48	MANUAL	G078	48C17D2034	★			$189	F1	5.0/2.3-2.5	9.84	2,20
	1800	115/208-230	48	NONE	C147	5KC35JN10	★	G076	48C17D2033	$175	F1	5.2/2.7-2.6	9.25	2,7,20
	1800	115/208-230	48	AUTO	C148	5KC35JN10X	★			$237	F1	5.2/2.7-2.6	9.25	2,7,20
	1800	115/230	48	AUTO	C145	5KC35JN8X	★			$212	F1	5.2/2.6	9.57	2,4,7,20
	1500	110/220	48	NONE	C431	5KC36LN18	★			$257	F1	5.6/2.8	9.66	2,7,20,50
1/3	3600	115/208-230	48	NONE	G091	48C34D2025				$151	F1	4.4/2.2-2.2	10.09	2,20
	1800	115/208-230	48	NONE	C153	5KC36LN30	★			$251	F1	6.0/3.2-3.0	9.66	2,7,20,68
	1800	115/208-230	48	AUTO	C154	5KC36LN30X	★			$262	F1	6.0/3.2-3.0	9.66	2,7,20,68
	1800	115/208-230	56	NONE	C158	5KC36LN7	★	G093	56C17D2087	$212	F1	6.0/3.2-3.0	10.32	2,7,20,68
	1800	100-120/200-240	56	NONE	E253	5KCR46JN0085	★			$306	F1	4.0-3.8/2.0-1.9	10.77	ES,1,20,68
	1800	115/208-230	56	AUTO	C159	5KC36LN7X	★	G094	56C17D2009	$220	F1	6.0/3.2-3.0	10.32	2,7,20,68
	1800	115/208-230	56	MANUAL	G095	56C17D2010	★			$226	F1	6.4/3.0-3.2	10.22	2,20
	1200	115/230	56	NONE	G1096	5KC49PN6070	★	G096	56C11D2032	$316	F1	8.6/4.3	11.48	2,20,68
1/2	3600	115/230	48	NONE	G1098	5KC36JN266	★	G098	48C34D2023	$168	F1	7.6/3.8	9.66	2,7,19
	3600	115	56	MANUAL	9031	5KC49MN2043Y	★	D014	56C34D2107	$201	F1	11.5	11.14	2,17
	3600	115/230	56	MANUAL	C1474	5KC37LN502Y	★			$248	F1	7.4/3.7	10.72	2,17
	3000	110/220	48	NONE	C459	5KC37MN96	★			$281	F1	7.8/3.9	10.06	2,7,19
	1800	115/230	48	NONE	C164	5KC37NN15	★			$311	F1	9.2/4.6	10.40	2,7,19
	1800	110-120/200-240	56	NONE	E262	5KCR46MN0092	★			$359	F1	5.8-5.6/2.9-2.8	10.77	ES,1,19,68
	1800	115/208-230	56	NONE	C167	5KC49GN0010	★	G910	56C17D2011	$237	F1	8.8/4.2-4.4	10.38	2,19
	1800	115/230	56	AUTO	C168	5KC49GN0010X	★	G911	56C17D2012	$259	F1	8.8/4.4	10.38	2,19
	1800	115/230	56	MANUAL	C169	5KC49GN0010Y	★	G912	56C17D2013	$266	F1	8.8/4.4	10.38	2,19
	1200	115/230	56	NONE	C1263	5KC48UN6073	★	G913	56C11D5301	$405	F1	9.4/4.7	12.76	2,19
3/4	3600	115/208-230	56	NONE	G915	56C34D2100	★			$218	F1	9.6/4.4-4.8	10.97	2,19
	3600	115	56	MANUAL	9032	5KC49MN2049Y	★	D015	56C34D2094	$233	F1	12.5	11.14	2,17
	3600	115/230	56	MANUAL	C1475	5KC37NN501Y	★			$300	F1	10.2/5.1	10.72	2,19
	1800	100-120/200-240	56	NONE	EG271	5KCR49PN0097	★			$451	F1	9.0-8.8/4.5-4.4	11.37	ES,1,19,68
	1800	115/208-230	56	NONE	C175	5KC46LN0153	★	G917	56B17D2008	$297	F1	13.2/6.2-6.6	10.78	2,19
	1800	115/230	56	AUTO	C176	5KC46LN0153X	★	G918	56B17D2009	$342	F1	13.2/6.6	10.78	2,19
	1800	115/208-230	56	MANUAL	G919	56B17D2010	★			$324	F1	11.0/5.5-5.5	11.47	1,19
	1800	115/208-230	56	MANUAL	C1298	5KC46NN0758Y	★			$324	F1	11.2/5.8-5.6	10.34	2,19
	1800	115/230	56	MANUAL	C177	5KC46LN0153U	★			$363	F1	13.2/6.6	10.78	2,19
	1200	115/230	56	NONE	C178	5KCR49WN6075	★	G930	56C11D5302	$518	F1	12.6/6.3	13.96	ES,1,18
1	3600	115/208-230	56	NONE	C179	5KC38RN60	★	G932	56B34D2030	$247	F1	12.4/6.4-6.2	11.04	2,19
	3600	115/208-230	56	AUTO	C180	5KC38RN60X	★			$316	F1	12.4/6.4-6.2	11.04	2,19
	3600	115/230	56	MANUAL	9033	5KC49NN2050Y	★			$267	F1	16.0/8.0	11.14	d,2,17
	3600	115/208-230	56	MANUAL	D010	56B34D2029	★			$267	F1	10.6/5.5-5.3	11.72	1,18
	3600	115/230	56	MANUAL	C702	5KC38RN4153Y	★			$381	F1	12.8/6.5	11.04	2,18
	1800	100-120/200-240	56H	NONE	E280	5KCR48UN0104	★			$321	F1	11.8-11.4/5.9-5.7	12.66	ES,1,18
	1800	115/208-230	56	NONE	C181	5KC49PN0161	★	G934	56C17D5303	$321	F1	13.6/6.7-6.8	11.38	2,18
	1800	115/208-230	56	AUTO	C182	5KC49PN0161X	★	G935	56C17D5304	$341	F1	13.6/6.6-6.8	11.38	2,18
	1800	115/230	56	MANUAL	C1480	5KC49PN0161U	★	G936	56C17D5305	$353	F1	13.6/6.8	11.38	2,18
	1800	115/208-230	143T	NONE	C188	5KC49PN0162	★	I110	143TCDR5326	$321	S1	13.6/6.7-6.8	11.77	2,11,18
	1200	115/230	56H	NONE	C183	5KCR49QN6076	★			$467	F1	12.6/6.3	14.93	ES,1,18
	1200	115/230	182T	NONE	I1141	182TCDW17079		I141	182TCDR17079	$537	S1	15.0/7.5	15.72	13,18

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

General Purpose, Single Phase

MARS SERIES 550

(NEMA Service Factor), Dripproof, Rigid Base

HP	RPM	VOLTS	FRAME	OVER LOAD	MARS NO.	MODEL NO.	STOCK	FORMER NO	FORMER MODEL NO.	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
1 1/2	3600	115/208-230	56	NONE	G937	56B34D2026	✯			$330	F1	14.8/8.0-7.4	11.72	1,18
	3600	115/230	56	MANUAL	C1477	5KC49PN2144Y	✯			$433	F1	16.8/8.4	11.82	2,18
	3600	115/230	56	MANUAL	C704	5KC49PN2521Y	✯	D018	56B34D133	$345	F1	21.3 / 10.6	11.91	2,18
	3600	115/208-230	143T	NONE	I101	143TCDR5303				$342	S1	18.8/9.7-9.4	10.99	2,14,18
	1800	115/230	56	NONE	C1299	5KCR48WN0756Y				$414	F1	13.4/6.7	12.45	ES,1,110
	1800	115/208-230	56H	MANUAL	G951	56C17D5308	✯			$414	F1	18.0/9.3-9.0	12.44	2,14,18
	1800	115/208-230	56H	NONE	C185	5KCR49SN0068	✯	G939	56C17D5306	$382	F1	18.2/9.1-9.1	11.90	ES,1,18
	1800	115/208-230	56H	AUTO	C186	5KCR49SN0068X	✯	G950	56C17D5307	$397	F1	18.2/9.1	11.90	ES,1,18
	1800	115/208-230	145T	NONE	C191	5KCR49SN0065	✯	I111	145TCDR5326	$388	S1	18.2/9.1-9.1	12.30	ES,1,18
	1200	115/230	184T	NONE	I1142	184TCDW7076		I142	184TCDR7076	$668	S1	23.0/11.5	15.72	2,13,18
2	3600	115/230	56	NONE	C187	5KC48TN2169	✯	G952	56B34D5321	$397	F1	21.2 / 10.6	12.66	2,18
	3600	115/230	56	MANUAL	9035	5KCR48TN2650Y	✯	D012	56B34D5318	$432	F1	17.9/8.5	12.76	ES,1,17
	3600	115/230	56	MANUAL	C703	5KC49RN2520Y	✯			$542	F1	23.8/11.8	11.91	2,18
	3600	115/208-230	145T	NONE	I102	145TBDR5302	✯			$408	S1	19.2/10.5-9.6	11.49	1,18
	1800	115/208-230	56HZ	NONE	C193	5KCR49WN0270	✯	I118	145TBDR5326	$405	F1	22.0/10.9-11.0	14.33	ES,1,11,18
	1800	115/208-230	56HZ	AUTO	CG381	5KCR49WN0270T	✯			$520	F1	22.0/10.9-11.0	14.33	ES,1,11,18
	1800	115/208-230	145T	MANUAL	I127	145TBDR5337	✯			$497	S1	18.8/10.2-9.4	13.49	1,11,18
	1800	115/208-230	182T	NONE	I1112	182TCDW7026	✯	I112	182TCDR7026	$453	S1	23.0/12.3-11.5	13.19	2,13,18
	1200	115/208-230	213T	NONE	I143	213TCDW7076				$830	S1	30.0/15.5-15.0	16.55	2,18
3	3600	230	56	MANUAL	9036	5KCR48UN2653Y	✯	D013	56B34D5332	$563	F1	14.5	12.64	ES,1,17
	3600	115/230	145T	NONE	C194	5KCR48TN8062	✯			$571	S1	29.4/14.7	13.13	ES,1,18
	3600	208/230	145T	NONE	I145	145TBDR5303				$442	S1	13.5-12.5	11.99	1,7,17
	3600	115/208-230	182T	NONE	I103	182TCDR7001	✯			$509	S1	32.0/17.5-16.0	13.22	d,2,18
	3600	115/208-230	182T	NONE	I1103	182TCDW7001	✯			$509	S1	32.0/17.1-16.1	13.69	2,13,18
	1800	115/208-230	184T	NONE	I113	184TCDR7026	✯			$529	S1	33.0/17.5	15.22	d,2,18
	1800	115/208-230	184T	NONE	I1113	184TCDW7026	✯			$529	S1	33.5/17.4-16.8	14.21	2,13,18
	1200	230	215T	NONE	I144	215TBDW7079				$1,143	S1	16.0	18.05	1,18
5	3600	230	56H	MANUAL	D017	56B34D5302	✯			$599	F1	20.0	13.94	1,5,18
	3600	208-230	184T	NONE	I104	184TCDR7001	✯			$684	S1	27.0-24.0	14.72	d,2,18
	3600	208-230	184T	NONE	I1104	184BDW17008	✯			$684	S1	24.0-22.0	14.69	2,13,18
	1800	208-230	184T	NONE	I114	184TBDR7026	✯			$642	S1	23.5-21.0	15.72	d,DS,1,18
	1800	208-230	184T	NONE	I1114	184TBDW7026	✯			$642	S1	23.0-21.0	14.71	DS,1,13,18
	1800	208-230	213T	NONE	I117	213TCDW7026				$874	S1	30.5-28.0	16.55	2,18
7 1/2	3600	208-230	184T	NONE	I1108	184TBDW7001	✯			$720	S1	34.0-31.0	16.69	1,13,18
	3600	208-230	213T	NONE	I105	213TCDW7001	✯			$974	S1	40.0-37.0	16.55	2,18
	1800	208-230	215T	NONE	I115	215TBDW7026	✯			$961	S1	37.2-34.5	18.05	1,18
10	3600	208-230	215T	NONE	I106	215TCDW17002	✯			$1,249	S1	51.0-46.0	18.05	2,18
	1800	208-230	215T	NONE	I116	215TBDW7028	✯			$1,237	S1	49.0-44.0	19.30	1,7,18

Extended Thru-Bolts, Split Phase - Steel endshields

HP	RPM	VOLTS	FRAME	OVER LOAD	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
1/4	1800	115	48Z	NONE	H901	5KH32DNA612	✯	$118	F1	5.1	9.83	9,18,28
	1800	115	48Z	AUTO	H902	5KH32DNA612X	✯	$123	F1	5.1	9.83	9,18,28
1/3	1800	115	48Z	NONE	H903	5KH32FNA611	✯	$122	F1	5.5	9.83	9,18,28
	1800	115	48Z	AUTO	H904	5KH32FNA611X	✯	$126	F1	5.5	9.83	9,18,28
1/2	1800	115	56Z	NONE	H905	5KH36JNA769	✯	$143	F1	8.1	10.89	10,18,28
	1800	115	56Z	AUTO	H906	5KH36JNA769X	✯	$148	F1	8.1	10.89	10,18,28
3/4	1800	115	56Z	NONE	H907	5KH37NNA768	✯	$175	F1	11.2	11.29	10,17
	1800	115	56Z	AUTO	H908	5KH37NNA768X	✯	$180	F1	11.2	11.29	10,17

✯ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

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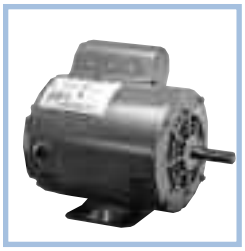
General Purpose, Single Phase

MARS SERIES **550**

Special Purpose



Features:

- Ball bearings (unless otherwise noted)
- Heavy gauge steel constructions
- 1.0 Service Factor
- Economical split phase or capacitor start designs
- UL Recognized and CSA Certified

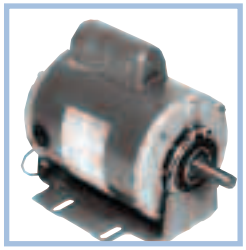
(1.0 Service Factor), Dripproof, Rigid Base

HP	RPM	VOLTS	FRAME	OVER LOAD	MARS. NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
1/4	1800	115	48	NONE	4351	5KH39QN9542	✯	$105	F1	5.7	8.94	d,3,4,7
	1800	115	48	NONE	S003	48S17D2089	✯	$105	F1	6.0	9.09	3,7
	1500	110/220	48	AUTO	H689	5KH35JN603X	✯	$215	F1	5.2/2.6	9.23	3,7,50
1/3	1800	115	48	AUTO	4380	5KH39QN9681X	✯	$151	F1	6.2	8.94	3,4,7
	1800	115	48	AUTO	S026	48S17D2113		$122	F1	6.6	9.34	3,7
	1800	115	48	NONE	4368	5KH39QN9397		$117	F1	6.2	8.94	3,4,7
	1800	115	48	NONE	S006	48S17D2090	✯	$117	F1	6.6	9.34	3
	1800	115	48	NONE	H229	5KH35HN9	✯	$191	F1	6.8	9.25	3,7
	1800	115/230	48	NONE	S010	48C17D2023	✯	$158	F1	7.0/3.5	9.34	2
	1800	115/230	48	MANUAL	S030	48C17D2027	✯	$189	F1	7.0/3.5	9.34	2
	1800	115/230	48	AUTO	S011	48C17D2024	✯	$166	F1	7.0/3.5	9.34	
	1800	230	48	NONE	4373	5KH39QN9543	✯	$165	F1	3.3	8.94	3,4,7
	1800	115	48Z	NONE	4376	5KH39QN9547	✯	$157	F1	6.2	10.36	3,4,7
	1800	115	56Z	NONE	4372	5KH39QN9546	✯	$161	F1	6.2	8.94	3,4,7
	1800	115	56Z	NONE	H676	5KH35GNA229	✯	$191	F1	6.2	9.57	3,7
	1800	115/230	56	MANUAL	CG095	5KC35JN27Y	✯	$226	F1	6.6/3.3	9.89	d,2
	1500	110/220	48	AUTO	H691	5KH36LN488X	✯	$230	F1	7.0/3.5	9.66	3,7
1/2	1800	115	48	NONE	H696	5KH36LNA504	✯	$227	F1	8.3	9.68	3,7
	1800	115	56	AUTO	9029	5KC49NN0221X	✯	$205	F1	8.7	11.14	2
	1800	115	56	AUTO	S027	56S17D2066		$155	F1	9.2	10.22	3
	1800	115	56	NONE	H230	5KH39QN9091	✯	$149	F1	8.3	10.32	d,3,4,7
	1800	115	56	NONE	S022	56S17D2046	✯	$149	F1	9.2	10.22	3
	1800	115/230	56	NONE	S012	56C17D2098	✯	$195	F1	9.2/4.6	10.22	2
	1800	115/230	56	MANUAL	S033	56C17D2064	✯	$226	F1	9.2/4.6	10.22	2
	1800	115/230	56	AUTO	S013	56C17D2051	✯	$203	F1	9.2/4.6	10.22	2
	1800	115/230	56Z	NONE	CG393	5KC36MN20	✯	$273	F1	8.2/4.1	12.30	2
3/4	3600	115/230	48	NONE	CG111	5KC37LN91	✯	$389	F1	11.2/5.6	10.06	2,7
	1800	115/230	56	MANUAL	S036	56C17D2067	✯	$266	F1	10.4/5.2	11.97	2
	1800	115/230	56	AUTO	S015	56C17D2055	✯	$242	F1	10.4/5.2	11.97	2
	1800	115/230	56	NONE	S014	56C17D2054	✯	$233	F1	10.4/5.2	11.97	2
1	3600	115/230	56Z	NONE	C449	5KC37NN160	✯	$306	F1	13.4/6.7	12.60	2
	1800	115/230	56	MANUAL	S039	56C17D5320	✯	$345	F1	13.6/6.8	10.94	2
	1800	115/230	56	AUTO	S038	56C17D5343	✯	$321	F1	13.6/6.8	10.94	2
	1800	115/230	56	NONE	S037	56C17D5319	✯	$313	F1	13.6/6.8	10.94	2
1 1/2	3600	115/230	56	MANUAL	9034	5KC49NN2044Y	✯	$263	F1	19.0/9.5	11.14	2
2	3600	115/230	56	MANUAL	9035	5KCR48TN2650Y	✯	$432	F1	17/8.5	12.76	ES,1
3	3600	208-230	145T	NONE	I145	145TBDR5303		$442	S1	13.5/12.5	12.49	1
5	3600	230	56H	MANUAL	9038	5KCR49ZN2151U	✯	$599	F1	21.0	15.04	ES,1

✯ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

General Purpose, Single Phase

MARS SERIES **550**



Features:

- Ball bearings (except as noted)
- Heavy gauge steel constructions
- Thermal protection, as noted
- Capacitor start design for high starting torque
- Capacitor start/capacitor run design for higher efficiency, as noted
- 48Y and 48YZ have 48/56 Fr mounting holes
- Service Factor, as noted
- UL Recognized and CSA Certified

(NEMA Service Factor), Dripproof, Resilient Base

HP	RPM	VOLTS	FRAME	OVER LOAD	MARS NO.	MODEL NO.	STOCK	FORMER NO	FORMER MODEL NO.	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
1/4	1800	115	48	AUTO	CG201	5KC35JN12X	★			$209	F1	5.2	9.57	4,7,20
	1800	115	48	NONE	C200	5KC35JN12	★			$204	F1	5.2	9.57	4,7,20
	1800	115/230	48	NONE	G1114	5KC35JN7	★	G114	48C17D2036	$162	F1	5.2/2.6	9.57	4,7,20
	1800	115/230	48	AUTO	G1115	5KC35JN7X	★	G115	48C17D2018	$171	F1	5.2/2.6	9.57	4,7,20
	1500	110/220	48	AUTO	C460	5KC36LN19X	★			$263	F1	5.6/2.8	10.00	7,20,50
1/3	3600	115/230	48	AUTO	C208	5KC35FN51X	★			$222	F1	6.8/3.4	9.57	7,20
	1800	100-120/200-240	56	AUTO	E254	5KCR46JN0086X	★			$315	F1	4.0-3.8/2.0-1.9	10.77	ES,1,20,68
	1800	115/208-230	48	NONE	C209	5KC36LN26	★			$252	F1	6.0/3.2-3.0	10.00	7,20,68
	1800	115/208-230	48	AUTO	C210	5KC36LN26X	★			$266	F1	6.0/3.2-3.0	10.00	7,20,68
	1800	115/230	56	AUTO	G135	56C17D2088	★			$207	F1	6.4/3.2	10.22	20
	1800	115/208-230	56	NONE	C215	5KC36LN1	★			$273	F1	6.0/3.2-3.0	10.32	20,68
	1800	115/208-230	56	AUTO	C216	5KC36LN1X	★	B210	56C17D2100	$225	F1	6.0/3.2-3.0	10.32	20,68
	1500	110/220	56	AUTO	C457	5KC37NN14T	★			$319	F1	7.4/3.7	10.72	20,50
	1200	115/230	56	NONE	C1258	5KC49PN6051	★			$370	F1	8.6/4.3	11.38	20
	1200	115/230	56	AUTO	C548	5KC49PN6051X	★			$381	F1	8.6/4.3	11.38	20
1/2	3600	115/208-230	48	AUTO	D1110	5KC39QN3220X	★	D110	48C34D2022	$164	F1	8.2/3.9-4.1	11.00	7,19
	1800	100-120/200-240	56	AUTO	E263	5KCR46MN0054X	★			$377	F1	5.8-5.6/2.9-2.8	10.77	ES,1,19,68
	1800	115/208-230	56	NONE	B1316	5KC49GN0001	★	B316	56C17D2071	$242	F1	8.8/4.2-4.4	10.38	19
	1800	115/208-230	56	AUTO	C1153	5KC49GN0022X	★			$274	F1	8.6/4.1-4.3	10.38	d,19
	1800	115/208-230	56	AUTO	B317	56C17D2072	★			$280	F1	7.2/3.6	10.47	CF,19,31
	1800	115/230	56	AUTO	CG223	5KC49GN0001X	★			$294	F1	8.8/4.4	10.38	19
	1800	115/230	56	AUTO	D111	56C17D2079	★			$246	F1	7.2/3.6	10.72	19
	1800	115/230	56	AUTO	G151	56C17D2025	★			$246	F1	8.6/4.3	11.72	19
	1200	115/230	56	NONE	C1264	5KC48UN6052	★			$528	F1	9.4/4.7	12.76	19
	1200	115/230	56	AUTO	C552	5KC48UN6052X	★			$539	F1	9.4/4.7	12.76	19
3/4	3600	115/208-230	48	AUTO	C1154	5KC38NN413X	★			$301	F1	10.0/4.9-5.0	11.00	7,19
	3600	115/208-230	56	AUTO	C1155	5KC38NN410X	★	D117	56C34D2095	$213	F1	10.0/4.9-5.0	11.32	19
	1800	100-120/200-240	56	AUTO	EG272	5KCR49PN0098X	★			$469	F1	9.0-8.8/4.5-4.4	11.37	ES,1,17,68
	1800	115/208-230	56	NONE	G156	56B17D2012	★			$303	F1	11.0/5.5-5.5	11.47	1,19
	1800	115/208-230	56	AUTO	C1156	5KC46LN0149X	★			$330	F1	13.3/6.5-6.6	10.78	19
	1800	115/208-230	56	AUTO	B319	56C17D2074	★			$340	F1	10.6/5.3-5.3	11.72	CF,19,31
	1800	115/208-230	56	NONE	CG230	5KC46LN0158	★			$305	F1	13.2/6.2-6.6	10.78	19
	1800	115/208-230	56	NONE	B318	56C17D2073	★			$315	F1	10.6/5.3-5.3	11.72	CF,19,31
	1800	115/208-230	56	AUTO	C138	5KC46JN0002X	★			$329	F1	11.4/5.6-5.7	10.78	19
	1800	115/230	56	AUTO	D1113	5KC46LN0158X	★	D113	56C17D2080	$304	F1	13.2/6.6	10.78	19
	1500	110/220	56	AUTO	C1187	5KC49NN0224X	★			$433	F1	12.2/6.1	11.38	19,50
	1200	115/230	56	NONE	CG232	5KCR49WN6007	★			$610	F1	12.6/6.3	13.96	1,18
1	3600	115/208-230	56	AUTO	C1157	5KC39RN383X	★	K136	56C34D5314	$266	F1	13.4/6.7-6.6	11.90	19
	3600	115/208-230	56	AUTO	MD118■	56C34D2106	★			$249	F1	12.0/6.2-6.0	12.22	18
	1800	100-120/200-240	56H	AUTO	E281	5KCR48UN0105X	★			$492	F1	11.8-11.4/5.9-5.7	12.65	ES,1,18,68
	1800	115/208-230	56	AUTO	C1158	5KC49PN0164X	★	D114	56C17D5345	$345	F1	14.7/7.2-7.4	11.38	18
	1800	115/208-230	56	NONE	C235	5KC49PN0155	★	B310	56C17D5321	$322	F1	13.6/6.7-6.8	11.38	5,18
	1800	115/230	56	AUTO	CG236	5KC49PN0155X	★			$391	F1	13.6/6.8	11.38	18

■ Please note MARS has added an "M" to the front of this item.

Continued on next page.

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

General Purpose, Single Phase

MARS SERIES **550**

(NEMA Service Factor), Dripproof, Resilient Base

HP	RPM	VOLTS	FRAME	OVER LOAD	MARS NO.	MODEL NO.	STOCK	FORMER NO	FORMER MODEL NO.	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
1 1/2	3600	115/208-230	56H	AUTO	C1159	5KC49RN2152T	★			$346	F1	19.6/9.8-9.8	12.01	d,18
	3600	115/208-230	56	AUTO	MD115■	56B34D2027	★			$346	F1	13.4/7.4-6.7	11.72	1,18
	1800	115/208-230	56H	NONE	B336	56C17D5347	★			$386	F1	18.0/9.3-9.	12.85	5,18,32
	1800	115/208-230	56H	AUTO	CG239	5KCR49SN0012X	★			$459	F1	18.2/9.1	11.91	ES,1,5,18
	1800	115/208-230	56H	AUTO	C1160	5KCR49SN0150X	★	B330	56C17D5316	$401	F1	16.4/8.4-8.2	11.90	ES,1,18
	1800	115/208-230	145T	NONE	I146	145TCDR5331	★			$392	S1	18.0/9.3-9.	13.22	18,32
2	3600	115/208-230	56H	AUTO	K152	56B34D5320	★			$421	F1	19.2/10.5-9.6	11.85	1,5,18
	3600	115/208-230	56H	AUTO	C1161	5KCR49RN2148T	★			$422	F1	19.6/10.4-9.8	11.91	ES,1,5,110
	1800	115/208-230	56H	AUTO	C1162	5KCR49WN0291T	★	B352	56B17D5331	$512	F1	22.0/10.9-11.0	13.96	ES,1,5,18
	1800	115/208-230	145T	NONE	I147	145TBDR5345	★			$412	S1	21/11.3-10.5	14.22	1,18

■ Please note MARS has added an "M" to the front of this item.

Two Speed, Variable Torque

HP	RPM	VOLTS	FRAME	OVER LOAD	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
1/2-1/6	1800/1200	115	56	AUTO	C419	5KC49PN3027X	★	$467	F1	8.2/3.9	11.38	19
3/4-1/4	1800/1200	115	56	AUTO	C474	5KCR49PN3011X	★	$510	F1	9.0/6.4	11.48	ES,1,19
	1800/1200	115	56	NONE	C420	5KCR49PN3011	★	$433	F1	9.0/6.4	11.48	ES,1,19
	1800/1200	208-230	56	AUTO	C486	5KCR49PN3012X	★	$442	F1	4.3-4.4/3.1-3.2	11.48	ES,1,19
1 1/3	1800/1200	115	56	AUTO	C1478	5KCR49SN3009X	★	$562	F1	10.8/7.4	12.01	ES,1,18
	1800/1200	115	56	NONE	C475	5KCR49SN3009	★	$541	F1	10.8/7.4	12.01	ES,1,18
	1800/1200	208-230	56	NONE	C476	5KCR49SN3010	★	$562	F1	5.3-5.4/3.6-3.7	12.01	ES,1,18
	1800/1200	208-230/190-220	56H	AUTO	C1479	5KCR48TN3084X	★	$573	F1	5.3-5.4/3.6-3.7	12.54	ES,1,17

Features:

- Ball bearings, mechanically locked on shaft end
- NEMA Service Factors
- Heavy gauge steel constructions
- Capacitor start design for high starting torque
- Capacitor start/capacitor run design for higher efficiency, as noted
- UL Recognized and CSA Certified

(NEMA Service Factor), Dripproof, C-Face Footed (Rigid Base)

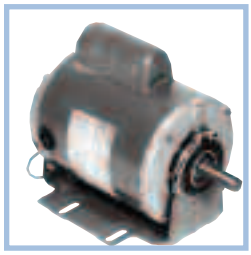
HP	RPM	VOLTS	FRAME	OVER LOAD	MARS NO.	MODEL NO.	STOCK	FORMER NO	FORMER MODEL NO.	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
1/4	1800	115/208-230	56C	AUTO	K234	56C17D2114				$203	F1	5.0/2.3-2.5	10.30	
1/3	1800	115/208-230	56C	AUTO	K235	56C17D2115	★			$236	F1	6.4/3.0-3.2	10.30	
	1800	100-120/200/240	56C	MANUAL	E250	5KCR46JN0083Y	★			$283	F1	4.0-3.8/2.0-1.9	10.77	ES,1,68
	1800	100-120/200/240	56C	AUTO	E252	5KCR46JN0083X	★			$236	F1	4.0-3.8/2.0-1.9	10.77	ES,1,68
1/2	1800	100-120/200-240	56C	AUTO	E261	5KCR46MN0090X	★	K236	56C17D2116	$274	F1	5.8-5.6/2.9-2.8	10.77	ES,1,68
	1800	100-120/200-240	56C	MANUAL	E259	5KCR46MN0090Y	★			$328	F1	5.8-5.6/2.9-2.8	10.77	ES,1,68
3/4	1800	100-120/200-240	56C	AUTO	E270	5KCR49PN0095X	★	K237	56B17D2015	$333	F1	9.0-8.8/4.5-4.4	11.37	ES,1,68
	1800	100-120/200-240	56C	MANUAL	E268	5KCR49PN0095Y	★			$379	F1	9.0-8.8/4.5-4.4	11.37	ES,1,68
1	1800	100-120/200-240	56C	MANUAL	EG277	5KCR48UN0102Y	★			$439	F1	11.8-11.4/5.9-5.7	12.65	ES,1,68
2	3600	115/208-230	56C	MANUAL	C1269	5KC49SN2537Y	★			$561	F1	15.6/8.8-7.8	11.34	
3	3600	208-230	56C	MANUAL	C1270	5KC49ZN2539Y	★			$686	F1	13.0-12.0	12.84	

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

General Purpose, Single Phase

MARS SERIES 550

Special Purpose



Features:

- Ball bearings (except as noted)
- Heavy gauge steel constructions
- 1.0 Service Factor
- Economical split phase or capacitor start designs, as noted
- 48Y and 48YZ have 48/56 Fr mounting holes
- UL Recognized and CSA Certified

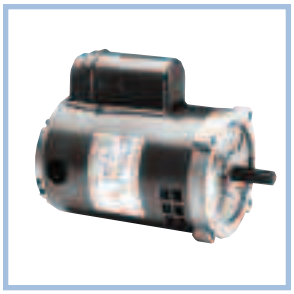
(1.0 Service Factor), Dripproof, Resilient Base

HP	RPM	VOLTS	FRAME	OVER LOAD	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
1/4	1800	115	48	AUTO	S103	48S17D2091		$117	F1	5.7	9.06	3,7,31
	1800	115	48	NONE	4352	5KH39QN5542	★	$111	F1	5.7	8.93	d,3,4,7
	1800	115	48	NONE	S102	48S17D2042	★	$111	F1	5.7	9.06	3,7
	1800	115/230	48	AUTO	S119	48C17D2046	★	$162	F1	6.2/3.1	9.06	2,7
	1800	115/230	48	NONE	S118	48C17D2045	★	$153	F1	6.2/3.1	9.06	2,7
	1800	115	48	NONE	H675	5KH33FNA230	★	$184	F1	5.0	9.19	3,7
	1800	115	48	AUTO	4301	5KH39QN5518X	★	$117	F1	5.7	8.93	d,3,4,7
	1800	115	48Z	AUTO	S126	48S17D2104	★	$117	F1	5.3	9.72	3,53
	1800	115	56Z	AUTO	4364	5KH39QN5541X	★	$158	F1	5.7	9.19	3,4,7
	1800	115	56Z	NONE	4359	5KH39QN5523	★	$154	F1	5.7	9.19	3,4,7
	1500	220	48	NONE	H645	5KH39QNB810	★	$209	F1	3.4	9.57	3,7,50
	1500	110/220	56Z	AUTO	HG690	5KH35JN602X	★	$222	F1	5.2/2.6	9.51	3,7,50
1/3	1800	115	48	NONE	4369	5KH39QN5508	★	$130	F1	6.2	8.94	3,4,7
	1800	115	48	NONE	S106	48S17D2093	★	$132	F1	6.5	9.31	3,7,31,CF
	1800	115/230	48	AUTO	C129	5KC35JN23X		$171	F1	6.4/3.2	9.57	2,4,7
	1800	115/230	48	AUTO	S111	48C17D2029	★	$171	F1	7.0/3.5	9.31	2,7
	1800	115/230	48	NONE	S110	48C17D2028	★	$162	F1	7.0/3.5	9.31	2,7
	1800	115	48	AUTO	4310	5KH39QN5508X		$128	F1	6.2	8.94	3,4,7
	1800	115	48Y	AUTO	S127	48S17D2105	★	$128	F1	6.6	9.72	3,53
	1800	115	48	NONE	H674	5KH35JNA231	★	$198	F1	6.6	9.57	3,7
	1800	115	56Z	NONE	4377	5KH39QN5524	★	$168	F1	6.2	9.19	3,4,7
	1800	115	56Z	AUTO	4381	5KH39QN5528X	★	$172	F1	6.2	9.19	3,4,7
	1800	115	56Z	AUTO	4776	5KH39QN5539T	★	$172	F1	6.2	9.19	3,4,7,57
	1800	230	48	NONE	4371	5KH39QN5529	★	$168	F1	3.3	8.94	3,4,7
	1800	230	48	AUTO	4311	5KH39QN5529X	★	$172	F1	3.3	8.93	3,4,7
	1500	110/220	56Z	AUTO	HG692	5KH36LN489X	★	$238	F1	7.0/3.5	9.94	3,50
	1500	220	56Z	NONE	H673	5KH33KN5594	★	$226	F1	3.5	9.19	3,4,7,50
1/2	1800	115	48Z	AUTO	HG710	5KH33JNA511T		$155	F1	7.9	9.93	3,9
	1800	115	48Z	AUTO	S128	48S17D2106	★	$155	F1	9.2	10.22	3,53
	1800	115	56	NONE	4386	5KH39QN9218	★	$153	F1	8.3	10.32	d,3
	1800	115	56	NONE	S120	56S17D2023	★	$153	F1	9.2	10.22	3,31
	1800	115	56Z	AUTO	4778	5KH39QN9639T	★	$238	F1	8.3	9.57	3,7
	1800	115/230	56	AUTO	C136	5KC36MN4X	★	$207	F1	8.2/4.1	10.32	d,2
	1800	115/230	56Z	AUTO	S113	56C17D2099	★	$207	F1	9.1/4.5	10.22	2
	1800	115/230	56	NONE	S112	56C17D2097	★	$199	F1	9.1/4.5	10.22	2
	1800	115/230	48	AUTO	C133	5KC36MN27X	★	$288	F1	8.2/4.1	10.00	2,7
	1800	230	56	AUTO	4602	5KH39QN9518X	★	$257	F1	4.2	10.32	3
	1800	230	56	NONE	4387	5KH39QN9684	★	$250	F1	4.2	10.32	3
	1500	110/220	56	AUTO	H693	5KH46JN0329X	★	$265	F1	9.2/4.6	10.55	3
3/4	1800	115/230	56	NONE	S114	56C17D2060	★	$237	F1	10.4/5.2	11.97	2
	1800	115	56	NONE	4422	5KH39QN9687	★	$294	F1	11.2	10.72	3
	1800	115/230	56	AUTO	C1483	5KC46LN0254X		$246	F1	13.2/6.6	10.78	2
	1800	115/230	56	AUTO	S115	56C17D2061	★	$246	F1	10.4/5.2	11.97	2
1	1800	115/230	56	AUTO	C636	5KC49NN0019X	★	$326	F1	14.4/7.2	11.38	d,2
	1800	115/230	56	AUTO	S117	56C17D5340	★	$326	F1	13.6/6.8	11.35	2
	1800	115/230	56	NONE	S116	56C17D5339	★	$317	F1	13.6/6.8	11.35	2

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

General Purpose, Single Phase

MARS SERIES **550**



Features:

- Ball bearings, mechanically locked on shaft end
- Heavy gauge steel constructions
- Capacitor start design for high starting torque
- Capacitor start/capacitor run design for higher efficiency, as noted
- Service Factor, as noted
- UL Recognized and CSA Certified

(NEMA Service Factor), Dripproof, C-Face Footless

HP	RPM	VOLTS	FRAME	OVER LOAD	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
1/4	1800	115/208-230	56C	NONE	C1296	5KC35JN70	✯	$189	F1	5.2/2.7-2.6	9.61	d,20
	1800	115/208-230	56C	NONE	G212	56C17D2084	✯	$189	F1	5.0/2.3-2.5	10.69	20
	1800	115/208-230	56C	AUTO	C354	5KC35JN70X	✯	$248	F1	5.2/2.7-2.6	9.61	20
1/3	3600	115/208-230	56C	NONE	G216	56C34D2117	✯	$162	F1	4.4/2.2-2.2	10.19	20
	1800	100-120/200-240	56C	NONE	E251	5KCR46JN0084	✯	$365	F1	4.0-3.8/2.0-1.9	10.77	ES,1,20,68
	1800	115/208-230	56C	AUTO	C356	5KC36LN83X	✯	$287	F1	6.0/3.2-3.0	10.35	20,68
	1800	115/208-230	56C	NONE	C355	5KC36LN83	✯	$222	F1	6.0/3.2-3.0	10.35	d,20,68
	1800	115/208-230	56C	NONE	G230	56C17D2085	✯	$222	F1	6.4/3.0-3.2	10.69	20
1/2	3600	115/208-230	56C	NONE	G232	56C34D2108	✯	$179	F1	8.4/3.8-4.2	10.69	19
	1800	100-120/200-240	56C	NONE	E260	5KCR46MN0091	✯	$416	F1	5.8-5.6/2.9-2.8	10.77	ES,1,19,68
	1800	115/208-230	56C	NONE	C358	5KC49GN0009		$261	F1	8.8/4.2-4.4	10.38	19
	1800	115/208-230	56C	NONE	G234	56C17D2044	✯	$261	F1	8.6/4.1-4.3	11.19	19
	1800	115/230	56C	AUTO	C359	5KC49GN0009X	✯	$326	F1	8.8/4.4	10.38	19
	1200	115/208-230	56C	NONE	G278	56C11D5304	✯	$417	F1	10.6/5.1-5.3	11.94	19
3/4	3600	115/208-230	56C	NONE	G238	56C34D2101	✯	$229	F1	9.6/4.4-4.8	10.94	19
	1800	100-120/200-240	56C	NONE	E269	5KCR49PN0096	✯	$451	F1	9.0-8.8/4.5-4.4	11.38	ES,1,19,68
	1800	115/230	56C	AUTO	CG362	5KC46LN0159X	✯	$392	F1	13.2/6.6	10.78	19
	1800	115/208-230	56C	NONE	CG361	5KC46LN0159	✯	$320	F1	13.2/6.2-6.6	10.78	d,17
	1800	115/208-230	56C	NONE	G250	56B17D2011	✯	$320	F1	11.0/5.5-5.5	11.72	1,19
1	3600	115/208-230	56C	NONE	G254	56B34D2031	✯	$263	F1	10.6/5.5-5.3	11.68	1,19
	1800	100-120/200-240	56C	NONE	E278	5KCR48UN0103	✯	$519	F1	11.8-11.4/5.9-5.7	12.65	ES,1,18,68
	1800	115/230	56C	AUTO	CG363	5KC49PN0163X	✯	$438	F1	13.6/6.8	11.38	18
	1800	115/208-230	56C	NONE	C1297	5KC49PN0163	✯	$343	F1	13.6/6.7-6.8	11.38	d,18
	1800	115/208-230	56C	NONE	G256	56C17D5310	✯	$343	F1	13.4/6.8-6.7	11.44	18
1 1/2	3600	115/208-230	56C	NONE	G258	56B34D2023		$341	F1	14.2/7.7-7.1	11.68	1,18
	1800	115/208-230	56C	NONE	G270	56C17D5311	✯	$399	F1	18.0/9.3-9.0	12.44	18
2	3600	115/208-230	56C	NONE	G272	56B34D5319	✯	$418	F1	19.2/10.5-9.6	11.44	1,18
	1800	115/208-230	56C	NONE	G274	56B17D5303	✯	$487	F1	21.0/11.3-10.5	13.44	1,18
3	3600	115/208-230	182TC	NONE	C173	182TCDR8007		$559	S1	32.0/17.5-16.0	13.96	18
	1800	115/230	184TC	NONE	C1174	184TCDW9627		$546	S1	33.0/16.5	15.96	13,18

✯ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

General Purpose, Single Phase

MARS SERIES **550**

Features:

- Ball bearings
- Heavy gauge steel constructions
- Economical split phase or capacitor start designs, as noted
- Service Factor, as noted
- UL Recognized and CSA Certified

Totally Enclosed, Rigid Base

HP	RPM	VOLTS	FRAME	OVER LOAD	MARS NO.	MODEL NO.	STOCK	FORMER NO	FORMER MODEL NO.	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
1/6	1800	115	48	NONE	H116	5KH32EN66	★			$212	F1	4.0	9.92	3,17
	900	115/230	56	NONE	C248	5KC49PN3036	★			$553	F1	5.6/2.8	12.43	2,17
1/4	1800	115	48	AUTO	HG121	5KH32FN3123X	★			$233	F1	5.1	9.92	3,17
	1800	115	48	NONE	HG120	5KH32FN3123	★			$223	F1	5.1	9.92	3,17
	1800	115/230	48	AUTO	C243	5KC32GN9X	★			$275	F1	5.4/2.7	10.00	2,17
	1800	115/230	48	NONE	C242	5KC32GN9	★			$263	F1	5.4/2.7	10.00	2,17
	1800	230	48	AUTO	H243	5KH32GN68X	★			$254	F1	2.7	9.92	3,17
	1500	110/220	48	NONE	C462	5KC33KN19	★			$304	F1	5.4/2.7	10.17	2,17,50
	1800	115/208-230	56	MANUAL	G314	56C17F2052	★			$220	F1	4.2/2.1-2.1	10.22	2,18
	1800	115/230	56	AUTO	CG251	5KC32GN19X	★			$286	F1	5.4/2.7	10.38	2,17
	1800	115/230	56	NONE	G1312	5KC32GN19	★	G312	56C17F2054	$205	F1	5.4/2.7	10.38	2,17
	1200	115/230	56	NONE	G1316	5KC49MN6061	★	G316	56C11F5300	$311	F1	6.2/3.1	11.43	2,17
1/3	3600	115	48	AUTO	HG124	5KH33FN85X	★			$243	F1	6.4	10.17	3,17
	3600	115	48	NONE	HG123	5KH33FN85	★			$236	F1	6.4	10.17	3,17
	1800	115/230	56	AUTO	G1331	5KC35MN43X	★	G331	56C17F2048	$239	F1	6.0/3.0	10.93	2,17
	1800	115/208-230	56	MANUAL	G332	56C17F2049	★			$253	F1	6.0/3.0-3.0	10.47	2,18
	1800	100-120/200-400	56	NONE	E258	5KCR46JN0089	★			$367	F1	4.0-3.8/2.0-1.9	11.83	ES,1,17,20,68
	1800	115/230	56	NONE	G1330	5KC35MN43	★	G330	56C17F2040	$229	F1	6.0/3.0	10.93	2,17
	1200	115/230	56	NONE	C1333	5KC49PN6062	★	G333	56C11F5301	$350	F1	8.6/4.3	12.43	2,17
1/2	3600	115/208-230	56	MANUAL	G393	56C34F5307	★			$213	F1	8.4/4.0-4.2	11.82	2,14,18
	3600	115/230	56	MANUAL	C664	5KC36LN4003Y	★			$213	F1	8.0/4.0	11.36	17,82
	3600	115/208-230	56	NONE	K339	56C34F5327				$199	F1	8.4/4.0-4.2	11.82	2,14,18
	1800	100-120/200-240	56	NONE	E267	5KCR46MN0094	★			$417	F1	5.8-5.6/2.9-2.8	11.83	ES,1,17,19,68
	1800	115/230	56	AUTO	C262	5KC42GN0014X	★	G338	56C17F2050	$274	F1	8.6/4.3	11.00	2,17
	1800	115/208-230	56	MANUAL	G339	56C17F2051	★			$291	F1	8.0/4.0-4.0	11.22	2,18
	1800	115/208-230	56	MANUAL	C661	5KC46GN0569Y	★			$291	F1	9.0/4.5-4.5	11.83	18,82
	1800	115/208-230	56	NONE	C261	5KC42GN0014	★	G337	56C17F2041	$258	F1	8.6/4.1-4.3	11.00	2,17
	1800	115/230	56	NONE	CG260	5KC37RN35	★			$338	F1	8.8/4.4	11.38	2,17
	1200	115/230	56	NONE	C264	5KC49UN6065	★	G350	56B11F5300	$443	F1	9.4/4.7	12.96	2,17
3/4	3600	115/208-230	56	MANUAL	G379	56C34F5309	★			$259	F1	10.6/5.3-5.3	12.32	2,14,18
	3600	115/208-230	56	NONE	G352	56C34F5308	★			$243	F1	10.6/5.3-5.3	12.32	2,14,18
	1800	100-120/200-240	56	NONE	EG276	5KCR49PN0101	★			$465	F1	9.0-8.8/4.5-4.4	12.43	ES,7,19,68
	1800	115/230	56	AUTO	C269	5KC46PN0015X	★	G355	56C17F5307	$336	F1	11.0/5.5	11.83	2,17
	1800	115/208-230	56	MANUAL	G356	56C17F5308	★			$357	F1	11.0/5.4-5.5	12.32	2,14,18
	1800	115/208-230	56	NONE	C268	5KC46PN0015	★	G354	56C17F5306	$318	F1	11.0/5.4-5.5	11.83	2,17
	1200	115/230	56	NONE	C271	5KCR48WN6066	★	G357	56B11F5301	$529	F1	10.6/5.3	13.82	ES,1,17
	1200	115/208-230	143T	NONE	I707	143TBFR5376				$553	S1	11.4/5.8-5.7	13.87	1,14,18

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

General Purpose, Single Phase

MARS SERIES **550**

Features:

- Ball bearings
- Heavy gauge steel constructions
- Economical split phase or capacitor start designs, as noted
- Service Factor, as noted
- UL Recognized and CSA Certified

Totally Enclosed, Rigid Base

HP	RPM	VOLTS	FRAME	OVER LOAD	MARS NO.	MODEL NO.	STOCK	FORMER NO	FORMER MODEL NO.	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
1	3600	115/208-230	56	NONE	G359	56C34F5310	✯			$279	F1	12.4/6.7-6.2	12.32	2,14,18
	3600	115/230	56	AUTO	C273	5KC49NN2130X	✯			$293	F1	13.0/6.5	12.43	2,17
	3600	115/230	56	MANUAL	C663	5KC49NN2419Y	✯			$293	F1	13.2/6.6	12.43	18,82
	3600	115/208-230	56	MANUAL	G390	56C34F5311	✯			$293	F1	12.4/6.7-6.2	12.32	2,14,18
	3600	115/230	56	MANUAL	C274	5KC49NN2130Y	✯			$293	F1	13.0/6.5	12.43	2,17
	1800	115/230	56	MANUAL	C660	5KC49TN0568Y	✯			$374	F1	13.2/6.6	12.96	17,82
	1800	115/230	56	NONE	C275	5KC49TN0034	✯	G371	56C17F5309	$358	F1	13.2/6.6	12.96	2,17
	1800	100-120/200-240	56	NONE	E285	5KCR49UN0108	✯			$534	F1	11.8-11.4/5.9-5.7	12.96	ES,1,68
	1800	115/208-230	56	MANUAL	G373	56C17F5311	✯			$374	F1	13.4/6.8-6.7	12.82	2,14,18
	1800	115/230	56	AUTO	C276	5KC49TN0034X	✯	G372	56C17F5310	$367	F1	13.2/6.6	12.96	2,17
	1800	115/230	143T	NONE	C295	5KC49TN0033	✯	I210	143TCFR5326	$374	S1	13.2/6.6	13.33	2,17
1 1/2	3600	115/208-230	56H	MANUAL	G391	56B34F5321	✯			$384	F1	14.2/7.7-7.1	12.82	1,5,14,18
	3600	115/230	56	MANUAL	C662	5KC49SN2418U	✯			$384	F1	16.4/8.2	12.96	17,82
	3600	115/208-230	56H	NONE	G374	56B34F5320	✯			$357	F1	14.2/7.7-7.1	12.82	1,5,14
	3600	115/208-230	143T	NONE	I220	143TBFR5301	✯			$397	S1	14.2/7.7-7.1	12.87	1,14,18
	1800	115/208-230	56	MANUAL	C659	5KCR48WN0566Y	✯			$429	F1	14.5/7.1-7.3	13.82	18,82
	1800	115/208-230	56H	MANUAL	G378	56B17F5302	✯			$429	F1	15.2/8.2-7.6	13.82	1,5,14,18
	1800	115/208-230	56H	NONE	G1376	5KCR48WN0273	✯	G376	56B17F5300	$408	F1	14.5/7.1-7.3	13.82	ES,1,5,17
	1800	115/208-230	56H	AUTO	G1377	5KCR48WN0273X	✯	G377	56B17F5301	$422	F1	14.5/7.1-7.3	13.82	ES,1,5,17
	1800	115/208-230	145T	MANUAL	I201	145TBFR5327	✯			$474	S1	15.2/8.2-7.6	13.87	1,14,18
	1800	115/208-230	145T	NONE	C297	5KCR48WN0292	✯	I211	145TBFR5326	$421	S1	14.5/7.1-7.3	14.07	1,17
2	3600	115/230	56	MANUAL	G1392	5KCR49TN2139U	✯	G392	56B34F5323	$434	F1	17.8/8.9	14.27	ES,1,17
	3600	115/208-230	56H	NONE	K350	56B34F5322				$418	F1	18.0/10.0-9.0	13.32	1,5,14,18
	3600	115/208-230	145T	NONE	I221	145TBFR5303	✯			$434	S1	18.0/10.0-9.0	13.37	1,14,18
	1800	115/230	145T	NONE	I700	145TBFR5334	✯			$530	S1	18.8/9.4	14.87	1,14,18
	1800	115/208-230	182T	NONE	I212	182TBFR5326	✯			$573	S1	20.0/10.8-10.0	15.65	F,1,18
3	3600	115/208-230	182T	NONE	I206	182TBFR5301	✯			$668	S1	24.6/13.9-12.3	15.81	1,17
	3600	208-230	145T	NONE	I204	145TBFR5301				$591	S1	13.1-11.8	14.87	1,14,18
	3600	208-230	145T	MANUAL	I205	145TBFR5302				$636	S1	13.1-11.8	14.87	1,14,18
	1800	115/208-230	184T	NONE	I213	184TCFR7726	✯			$684	S1	34.0/17.5-17.0	17.86	d,2,14,17
	1800	115/208-230	184T	NONE	I1213	184TBFW17044	✯			$684	S1	28.4/14.8-14.2	14.96	1,13,14,17
5	3600	208-230	184T	NONE	I223	184TBFR7701	✯			$853	S1	25.1-22.4	17.36	d,1,14,17
	3600	208-230	184T	NONE	I1223	184TBFW7701	✯			$853	S1	22.0-19.8	16.49	1,13,14,17
	1800	208-230	184T	NONE	I214	184TBFR7726	✯			$842	S1	22.8-20.2	18.06	d,1,14,17
	1800	208-230	184T	NONE	I1214	184TBFW7726	✯			$842	S1	21.5-19.5	17.46	1,13,14,17
	1800	208-230	213T	NONE	I216	213TBFW7026	✯			$908	S1	24.5-22.0	18.73	1,14,17
7 1/2	3600	208-230	213T	NONE	I224	213TBFW7001	✯			$1,145	S1	36.0-32.0	20.23	1,14,17
	1800	208-230	215T	NONE	I215	215TBFW7026	✯			$1,118	S1	35.0-30.0	21.48	1,14,17
10	3600	208-230	215T	NONE	I225	215TBFW7001	✯			$1,395	S1	44.0-41.5	20.23	1,14,17
	1800	230	215T	NONE	I217	215TBFW7027	✯			$1,434	S1	41.5	21.48	1,14,17

✯ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

General Purpose, Single Phase

MARS SERIES **550**

Features:

- Ball bearings, mechanically locked on shaft end
- Heavy gauge steel constructions
- Suitable for horizontal or vertical mounting
- Economical split phase or capacitor start designs, as noted
- Will accept brake kits, see Accessory section (except as noted)
- Service Factor, as noted
- UL Recognized and CSA Certified

Totally Enclosed, C-Face Footless

HP	RPM	VOLTS	FRAME	OVER LOAD	MARS NO.	MODEL NO.	STOCK	FORMER NO	FORMER MODEL NO.	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
1/6	1800	115	56C	NONE	H244	5KH32EN124	✯			$259	F1	4.0	10.30	3,18
1/4	1800	115/230	56C	NONE	G1511	5KC32GN25	✯	G511	56C17T2002	$216	F1	5.4/2.7	10.30	2,17,24
1/3	3600	115/230	56C	NONE	C1419	5KC33FN31	✯	G534	56C34T2004	$192	F1	5.6/2.8	10.19	18,24
	1800	115/230	56C	NONE	E256	5KCR46JN0088	✯			$390	F1	3.8/1.9	11.84	ES,1,20,24,68
	1800	115/230	56C	NONE	G1513	5KC35MN73	✯	G513	56C17F2042	$249	F1	6.0/3.0	10.93	2,18
1/2	3600	115/208-230	56C	NONE	G514	56C34F5322				$209	F1	8.4/4.0-4.2	11.82	2,18
	3600	115/230	56C	AUTO	C349	5KC36LN166X	✯			$298	F1	7.4/3.7	11.36	2,18
	1800	115/230	56C	NONE	E265	5KCR46MN0093	✯			$438	F1	5.6/2.8	11.84	ES,1,19,68
	1800	115/230	56C	AUTO	C446	5KC42GN0018X	✯			$351	F1	8.6/4.3	11.01	2,18
	1800	115/230	56C	NONE	G1515	5KC42GN0018	✯	G515	56C17F2043	$287	F1	8.6/4.3	11.01	2,18
	1200	115/230	56C	NONE	C1404	5KC49UN6067	✯			$602	F1	9.4/4.7	12.93	2,18
	1200	115/230	56C	NONE	C1422	5KC48UN6072	✯			$564	F1	9.4/4.7	12.61	2,19
3/4	3600	115/208-230	56C	NONE	G516	56C34F5323	✯			$255	F1	10.6/5.3-5.3	12.32	2,18
	1800	115/230	56C	NONE	E274	5KCR49PN0100	✯			$484	F1	8.8/4.4	12.44	ES,1,19,68
	1800	115/230	56C	NONE	G1517	5KC46PN0032	✯	G517	56C17F5314	$345	F1	11.0/5.5	11.84	2,17
1	3600	115/208-230	56C	NONE	G518	56C34F5324	✯			$289	F1	12.4/6.7-6.2	12.32	2,18
	3600	115/230	56C	AUTO	C351	5KC49NN2133X	✯			$381	F1	13.0/6.5	12.44	2,18
	1800	15/230	56C	NONE	EG283	5KCR49UN0107	✯			$555	F1	11.4/5.7	12.97	ES,1,18,68
	1800	115/230	56C	NONE	G1519	5KC49TN0035	✯	G519	56C17F5315	$368	F1	13.2/6.6	12.97	2,17
1 1/2	3600	115/230	56C	NONE	C1424	5KC49SN2158	✯	G530	56B34F5329	$367	F1	16.4/8.2	12.93	2,17,111
	3600	115/230	56C	AUTO	C855	5KC49SN2156X	✯			$466	F1	16.4/8.2	12.93	2,17
	1800	115/208-230	56C	NONE	G1531	5KCR48WN0294	✯	G531	56B17F5303	$425	F1	14.5/7.1-7.3	13.69	ES,1,18
2	3600	115/208-230	56C	NONE	G533	56B34F5319	✯			$445	F1	18.0/10.0-9.0	13.32	1,18
	3600	115/230	56C	AUTO	C466	5KCR49TN2155T	✯			$571	F1	17.8/8.9	14.28	1,17

✯ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

General Purpose, Single Phase

MARS SERIES **550**

Features:

- Ball bearings, mechanically locked on shaft end
- Heavy gauge steel constructions
- Suitable for horizontal or vertical mounting
- Economical split phase or capacitor start designs, as noted
- Will accept brake kits, see Accessory section (except as noted)
- Service Factor, as noted
- UL Recognized and CSA Certified

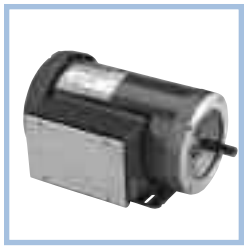
Totally Enclosed, C-Face Footed (Rigid Base)

HP	RPM	VOLTS	FRAME	OVER LOAD	MARS NO.	MODEL NO.	STOCK	FORMER NO	FORMER MODEL NO.	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
1/4	1200	115/230	56C	NONE	C1423	5KC49MN6063	✯			$333	F2	6.2/3.1	11.40	d
1/3	1800	115/230	56C	AUTO	E257	5KCR46JN0087X	✯			$406	F1	3.8/1.9	11.84	ES,1,20,68
	1800	115/230	56C	MANUAL	E255	5KCR46JN0087Y	✯			$409	F1	3.8/1.9	11.84	ES,1,20,68
	1800	115/208-230	56C	MANUAL	F131	56C17F5358	✯			$325	F1	6.6/3.1-3.3	11.82	2,18
	1800	115/230	56C	NONE	C1405	5KC35MN145	✯	G550	56C17F2044	$253	F1	6.0/3.0	10.93	2,18
1/2	3600	115/208-230	56C	NONE	C1420	5KC36LN144	✯	G559	56C34F5329	$213	F1	7.4/3.7	11.36	2,17
	3600	115/230	56C	NONE	C444	5KC36LN144X	✯			$220	F2	7.4/3.7	11.36	d
	1800	115/230	56C	MANUAL	E264	5KCR46MN0055Y	✯			$453	F1	5.6/2.8	11.84	ES,1,19,68
	1800	115/230	56C	AUTO	E266	5KCR46MN0055X	✯			$442	F1	5.6/2.8	11.84	ES,1,19,68
	1800	115/208-230	56C	MANUAL	F132	56C17F5912	✯			$363	F1	8.8/4.2-4.4	11.82	2,18
	1800	115/230	56C	NONE	C375	5KC42GN0066	✯	G551	56C17F2045	$291	F1	8.6/4.3	11.01	2,18
3/4	1800	115/230	56C	MANUAL	EG273	5KCR49PN0099Y	✯			$505	F1	8.8/4.4	12.44	ES,1,19,68
	1800	115/230	56C	AUTO	E275	5KCR49PN0099X	✯			$496	F1	8.8/4.4	12.44	ES,1,19,68
	1800	115/208-230	56C	MANUAL	F133	56C17F5913	✯			$422	F1	11/5.4-5.5	12.32	2,18
	1800	115/230	56C	NONE	C1425	5KC49PN0283	✯	G552	56C17F5318	$350	F1	11.0/5.5	12.40	2,17
	1200	115/230	56C	NONE	C1412	5KCR49WN6078	✯			$566	F2	12.6/6.3	13.81	d,ES,1
1	3600	115/230	56C	AUTO	C445	5KC49NN2132X	✯			$300	F2	13.0/6.5	12.44	d
	1800	115/230	56C	MANUAL	EG282	5KCR49UN0106Y	✯			$575	F1	11.4/5.7	12.97	ES,1,19,68
	1800	115/230	56C	AUTO	EG284	5KCR49UN0106X	✯			$571	F1	11.4/5.7	12.97	ES,1,19,68
	1800	115/230	56C	NONE	C376	5KC49TN0067	✯	G553	56C17F5319	$374	F1	13.2./6.6	12.97	2,17
	1800	115/208-230	56C	MANUAL	F134	56C17F5914	✯			$454	F1	13.4/6.8-6.7	12.82	2,18
1 1/2	3600	115/208-230	56C	NONE	K631	56B34F5324				$371	F1	14.2/7.7-7.1	12.82	1,18
	1800	115/208-230	56HC	MANUAL	F135	56B17F5584	✯			$545	F1	15.2/8.2-7.6	13.82	1,5,18
	1800	115/208-230	145TC	NONE	C281	145TBFR5337				$530	S1	15.2/8.2-7.6	13.87	1,18
2	3600	115/208-230	145TC	NONE	C282	145TBFR5305				$591	S1	16.6/9.1-8.3	13.37	1,18
	1800	115/230	56HC	MANUAL	K319	56B17F5319	✯			$559	F1	18.8/9.4	14.82	1,5,18
3	3600	208-230	145TC	NONE	C284	145TBFR5306				$634	S1	13.1-11.8	14.87	1,18
	1800	230	184TC	MANUAL	I314	184TBFR7041	✯			$838	S1	13.7	17.61	d,1,18
	1800	230	184TC	MANUAL	I1314	184TBFW7041	✯			$838	S1	13.7	17.61	1,13,18
5	1800	230	184TC	MANUAL	I315	184TBFR7034	✯			$1,000	S1	21	18.72	d,1,18
	1800	230	184TC	MANUAL	I1315	184TBFW7034	✯			$1,000	S1	21	18.72	1,13,18

✯ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

General Purpose, Single Phase

MARS SERIES **550**



Features:

- Double sealed ball bearings, mechanically locked on shaft end
- Heavy gauge steel construction
- Bolt-on, removable rigid base
- Suitable for horizontal or vertical mounting
- Capacitor start design for high starting torque
- Capacitor start/capacitor run design for higher efficiency, as noted
- 1.15 Service Factor (except as noted)
- Will accept brake kits, see Accessory section (except as noted)
- Will accept drip cover kits, see Accessories section
- UL Recognized and CSA Certified

Totally Enclosed, C-Face Footed (Removable Base)

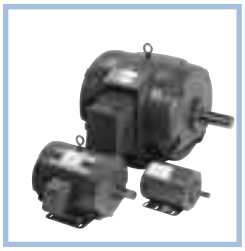
HP	RPM	VOLTS	FOUR-N ONE	FRAME LOAD	OVER NO.	MARS NO.	MODEL	STOCK	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
1/4	1200	115/208-230	◆	56C	NONE	G577	56C11F5302	★	$333	F2	6.8/3.1-3.4	11.82	
1/3	1800	115/208-230	◆	56C	NONE	G570	56C17F5320	★	$259	F2	6.6/3.1-3.3	11.82	68
	1200	115/208-230	◆	56C	NONE	G576	56C11F5303	★	$371	F2	7.8/3.6-3.9	12.32	
1/2	3600	115/208-230	◆	56C	NONE	D311	56C34F5301	★	$220	F2	8.4/4.0-4.2	11.82	
	1800	115/208-230	◆	56C	NONE	G571	56C17F5321	★	$297	F2	8.8/4.2-4.4	11.82	68
	1200	115/208-230	◆	56C	NONE	G578	56B11F5303	★	$453	F2	9.6/4.7-4.8	13.32	1,68
3/4	3600	115/208-230	◆	56C	NONE	MD312■	56C34F5302	★	$266	F2	10.6/5.3-5.3	12.32	
	1800	115/208-230	◆	56C	NONE	G572	56C17F5322	★	$357	F2	11.0/5.4-5.5	12.32	68
	1200	115/208-230	◆	56C	NONE	G579	56B11F5302	★	$566	F2	11.4/5.8-5.7	13.82	1
1	3600	115/208-230	◆	56C	NONE	D313	56C34F5303	★	$300	F2	11.2/5.7-5.6	12.32	
	1800	115/208-230	◆	56HC	NONE	G573	56C17F5323	★	$380	F2	13.4/6.8-6.7	12.82	5,68
1 1/2	3600	115/208-230	◆	56C	NONE	MD314■	56B34F5326	★	$378	F2	14.2/7.7-7.1	12.82	1
	1800	115/208-230	◆	56HC	NONE	G574	56B17F5305	★	$436	F2	15.2/8.2-7.6	13.82	1,5,68
2	3600	115/208-230	◆	56HC	NONE	D315	56B34F5327	★	$455	F2	16.6/9.1-8.3	13.82	1,5
	1800	115/208-230	◆	56HC	NONE	G575	56B17F5306	★	$546	F2	20.0/10.8-10.0	14.82	1,5,17
3	3600	208-230	◆	56HC	NONE	MD316■	56B34F5328	★	$608	F2	13.1-11.8	14.82	1,5

■ Please note MARS has added an "M" to the front of this item.

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

General Purpose, Three Phase

MARS SERIES **555**



Features:

- **EPAct compliant efficiencies, as noted**
- Ball bearings (except where noted)
- NEMA Service Factors
- Will accept C-Face Kits except where noted, see Accessories Section
- UL Recognized and CSA Certified
- See XRI® Dripproof in Premium Efficiency section for NEMA Premium efficiencies

THIS MOTOR FEATURES MARATHON'S PATENTED VCD VOLTAGE CHANGE DEVICE — As Noted

Inverter Duty

Dripproof, Standard and EPAct Efficiencies, Rigid Base

Suitable for use on VFD per guidelines on page 18.

HP	RPM	VOLTS	FRAME	OVER LOAD	MARS NO.	MODEL NO.	STOCK	FORMER NO.	FORMER MODEL NO.	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES	C-FACE KITS
1/4	1800	208-230/460	48	NONE	G044	48T17D2000	★	K111	5K33GN2	$182	F1	62.0	1.2-1.3/.65	9.34	25,68	N/A
1/3	3600	208-230/460	48	NONE	K113	5K35FN2	★			$175	F1	61.0	1.5-1.8/0.9	9.25		N/A
	1800	208-230/460	48	NONE	K527	5K35JN198	★			$212	F1	66.5	1.5-1.6/0.8	9.25		N/A
	1800	200-208	56	NONE	G046	56T17D2128				$212	F1	67.0	1.8-1.9	9.97	25	N/A
	1800	208-230/460	56	NONE	G047	56T17D2095	★	K114	5K49FN4140	$212	F1	67.0	1.5-1.6/0.8	9.97	25,68	N/A
	1200	208-230/460	56	NONE	G061	56T11D5301				$289	F1	62.0	1.9-2.2/1.1	9.94	68	A435
1/2	3600	208-230/460	56	NONE	K027	56T34D5300				$194	F1	66.0	2.1-2.2/1.1	10.44	68	A435
	3600	208-230/460	48	NONE	K115	5K36JN2	★			$194	F1	69.8	2.0-2.0/1.0	9.68		N/A
	1800	200-208	56	NONE	G062	56T17D2114	★			$239	F1	70.0	2.5-2.65	10.47	25	N/A
	1800	208-230/460	56	NONE	G063	56T17D2094	★			$245	F1	70.0	2.1-2.2/1.1	10.47	25,68,CF	N/A
	1800	208-230/460	56	NONE	K116	5K42HN4106	★			$238	F1	74.7	2.3-2.2/1.1	10.05	19	A534
	1800	208-230/460	56	NONE	E12D4	5KS49HN4077	★			$345	F1	76.9	1.8-1.8/0.9	10.38	ES	A534
	1800	208-230/460	56	AUTO	G905	56T17D5336	★			$296	F1	68.0	2.3-2.4/1.2	10.44	VC,68	A435
	1800	575	56	NONE	G065	56T17D2112	★			$239	F1	70.0	0.9	10.47	25	N/A
	1500	220/380	56	NONE	K318	5K42JN4163	★			$329	F1	66.7	3.0/1.7	10.05	50	A534
	1200	208-230/460	56	NONE	G067	56T11D5302	★	K117	5K46MN6047	$320	F1	68.0	2.4-2.7/1.35	10.44	68	A435
	900	208-230/460	143T	NONE	H180	143TTDR5401				$389	E6	64.0	2.9-3.0/1.5	11.49	5,13	A436
3/4	3600	208-230/460	56	NONE	G080	56T34D5301	★	K118	5K37MN4	$216	F1	74.0	3.0-3.2/1.6	10.44	68	A435
	1800	200-208	56	NONE	G082	56T17D2111	★			$267	F1	75.5	3.2-3.3	10.97	25	N/A
	1800	208-230/460	56	NONE	G084	56T17D2093	★			$285	F1	75.5	2.7-2.8/1.4	10.97	25,68,CF	N/A
	1800	208-230/460	56	NONE	K119	5K46KN4071	★			$276	F1	74.3	3.3-3.0/1.5	10.78	19	A534
	1800	208-230/460	56	AUTO	G908	56T17D5339	★			$324	F1	75.5	2.9-3.0/1.5	10.44	68	A435
	1800	200-230/460	56	NONE	E34D4	5KS46MN4078	★			$387	F1	79.2	2.5-2.4/1.2	10.78	ES,68	A534
	1800	575	56	NONE	G086	56T17D2110	★	K392	5K37PN57	$267	F1	75.5	1.1	10.97	25	A435
	1200	208-230/460	56	NONE	G088	56T11D5303	★	K120	5K49PN6049	$330	F1	74.0	3.1-3.2/1.6	10.94	d,68	A435
	1200	208-230/460	143T	NONE	H150	143TTDR5376	★			$300	E6	74.0	3.1-3.2/1.6	10.99	5,68	A436
	900	208-230/460	145T	NONE	H181	145TTDR5401	★	K402	5K49ZN8092	$442	E6	72.0	4.0-4.0/2.0	12.99	68	A436
1	3600	208-230/460	56	NONE	K000	56T34D5302	★	K121	5K38PN2	$246	F1	74.0	3.7-3.7/1.85	10.44		A435
	1800	200	143T	NONE	**E901**	143TTDR5348	★			$278	E2	82.5	3.6	12.49	5,13	A436
	1800	200-208	56	NONE	K003	56T17D2113	★			$274	F1	76.5	3.9-4.1	11.47	25	N/A
	1800	200-208	143T	NONE	H601	143TTDR5327	★			$246	E6	77.0	4.15-4.3	10.99	5,13	A436
	1800	200-208	143T	AUTO	**U416**	143TTDR4061				$396	E2	82.5	3.6-3.43	12.49	5,13	A436
	1800	208-230/460	56	NONE	K004	56T17D2092	★			$290	F1	76.5	3.4-3.4/1.7	11.47	25,68,CF	N/A
	1800	208-230/460	56	NONE	K122	5K46MN4072	★			$281	F1	79.2	3.6-3.8/1.9	10.78	19	A534
	1800	208-230/460	56	NONE	**K2069**	5KE49PN4594	★			$390	F1	82.5	3.2-3.1/1.55	11.38		A534
	1800	208-230/460	56	AUTO	G921	56T17D5342	★			$330	F1	77.0	3.5-3.6/1.8	10.94	VC,68	A435
	1800	208-230/460	56HZ	AUTO	K063	56T17D3301	★			$351	F1	77.0	3.5-3.6/1.8	10.99	Z,5,68	A435
	1800	208-230/460	56HZ	AUTO	K067	56T17D3305				$364	F1	77.0	3.5-3.6/1.8	10.99	VC,Z,5,68	A435
	1800	208-230/460	143T	NONE	**E715**	143TTDR5347	★	K2005	5KE49PN8363	$278	E2	82.5	3.3-3.1/1.55	12.49	5,13,68	A436
	1800	208-230/460	143T	AUTO	**U417**	143TTDR4052	★			$396	E2	82.5	3.3-3.1/1.55	12.49	5,13,68	A436
	1800	208-230/460	143T	AUTO	**U418**	143TTDR4051	★			$412	E2	82.5	3.3-3.1/1.55	12.49	VC,5,13,68	A436
	1800	575	56	NONE	K049	56T17D2130	★			$274	F1	76.5	1.4	11.47	25	N/A
	1800	575	56HZ	AUTO	K081	56T17D15528				$351	F1	77.0	1.45	10.99	Z,5	A435
	1800	575	143T	AUTO	**U922**	143TTDR4055				$396	E2	82.5	1.1	12.49	5,13	A436
	1800	575	143T	NONE	**E912**	143TTDR5351	★			$278	E2	82.5	1.1	12.49	5,13	A436
	1200	200	145T	NONE	**E785**	145TTDR4078				$364	E2	80.0	4.1	13.49	5,13	A436

Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EPAct and/or NRCan Canadian standards.

Continued on next page.

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

General Purpose, Three Phase

MARS SERIES 555

THIS MOTOR FEATURES MARATHON'S PATENTED VCD VOLTAGE CHANGE DEVICE — As Noted

Inverter Duty

Dripproof, Standard and EPAct Efficiencies, Rigid Base

Suitable for use on VFD per guidelines on page 18.

HP	RPM	VOLTS	FRAME	OVER LOAD	MARS NO.	MODEL NO.	STOCK	FORMER NO.	FORMER MODEL NO.	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES	C-FACE KITS
1	1200	208-230/460	56H	NONE	K007	56T11D5304	✯	K393	5K49SN6048	$357	F1	75.5	4.1-4.2/2.1	11.44	d,5,68	A435
	1200	230/460	145T	NONE	**E728**	145TTDR4076	✯			$364	E2	80.0	3.6/1.8	13.49	5,13,68	A436
	1200	575	145T	NONE	**E934**	145TTDR4080				$364	E2	80.0	1.4	13.49	5,13	A435
	900	230/460	182T	NONE	H1182	182TTDW7101				$478	E6	75.8	4.0/2.0	12.19	13	A666
1 1/2	3600	200	143T	NONE	**E917**	143TTDR4005				$309	E2	82.5	5.5	10.99	5,13	A436
	3600	208-230/460	56	NONE	K009	56T34D5303	✯			$303	F1	80.0	4.9-5.0/2.5	10.44	68	A435
	3600	208-230/460	143T	NONE	**E783**	143TTDR5313	✯	K2001	5KE49PN8408	$309	E2	82.5	4.2-4.2/21	10.99	5,13,68	A436
	3600	575	143T	NONE	**E798**	143TTDR4006				$309	E2	82.5	1.9	10.99	5,13	A436
	1800	200	145T	NONE	**E902**	145TTDR5632	✯			$303	E2	84.0	5.0	12.49	5,13	A436
	1800	200-208	145T	NONE	H604	145TTDR5327	✯			$270	E6	80.0	5.5-5.9	10.99	5,13	A436
	1800	200-208	145T	AUTO	**U419**	145TTDR4128	✯			$421	E2	84.0	5.0-4.9	12.49	d,5,13	A436
	1800	208-230/460	56H	NONE	K022	56T17D5309	✯	K125	5K49PN4075	$304	F1	80.0	4.8-4.8/2.4	10.94	5,68	A435
	1800	208-230/460	56H	AUTO	G923	56T17D5344	✯			$361	F1	80.0	4.8-4.8/2.4	10.94	VC,5,68	A435
	1800	208-230/460	56HZ	AUTO	K064	56T17D3302	✯			$372	F1	80.0	4.8-4.8/2.4	10.99	Z,5,68	A435
	1800	208-230/460	56HZ	AUTO	K068	56T17D3306	✯			$382	F1	80.0	4.8-4.8/2.4	10.99	VC,Z,5,68	A435
	1800	208-230/460	145T	NONE	**E716**	145TTDR5630	✯	K2006	5KE49TN8359	$303	E2	84.0	4.6-4.4/2.2	12.49	5,13,68	A436
	1800	208-230/460	145T	AUTO	**U420**	145TTDR4126	✯			$421	E2	84.0	4.6-4.4-2.2	12.49	5,13,68	A436
	1800	208-230/460	145T	AUTO	**U421**	145TTDR4127				$437	E2	84.0	4.6-4.4/2.2	12.49	VC,5,13,68	A436
	1800	575	56H	NONE	K061	56T17D5369	✯			$304	F1	80.0	1.9	10.94	5	A435
	1800	575	145T	NONE	**E913**	145TTDR5640	✯			$303	E2	84.0	1.8	12.49	5,13	A436
	1800	575	145T	AUTO	**U923**	145TTDR4130				$421	E2	84.0	1.8	12.49	5,13	A436
	1500	220/380	145T	NONE	K408	5K49SN8050	✯			$427	E2	81.7	4.5/2.6	13.59	50	A536
	1200	200	182T	NONE	**E799**	182TTDR4083	✯			$400	E2	84.0	5.5	14.22	13,25	N/A
	1200	200	182T	NONE	**E1799**	182TTDW4083	✯			$400	E2	84.0	7.2	12.69	13	A666
	1200	200	182T	NONE	H1679	182TTDW7095				$357	E6	75.5	5.75	12.72	13	A666
	1200	230/460	182T	NONE	**E729**	182TTDR4076	✯			$400	E2	84.0	4.8/2.4	14.22	d,13,25,68	N/A
	1200	230/460	182T	NONE	**E1729**	182TTDW4076	✯			$400	E2	84.0	5.6/2.8	12.69	13,68	A666
	900	230/460	184T	NONE	H1183	184TTDW7101				$580	E6	77.0	5.6/2.8	13.19	13	A666
2	3600	200	145T	NONE	**U905**	145TTDR4103				$364	E2	84.0	6.2	10.99	5,13	A436
	3600	208-230/460	56H	NONE	K025	56T34D5304	✯	K126	5K49NN2183	$357	F1	80.0	6.4-6.2/3.1	10.44	5,68	A435
	3600	208-230/460	145T	NONE	**E702**	145TTDR5304	✯	K2002	5KE49RN8386	$364	E2	84.0	5.4-5.2/2.6	11.49	d,5,13,68	A436
	3600	575	145T	NONE	**U906**	145TTDR4005				$364	E2	84.0	2.2	10.99	5,13	A436
	1800	200	145T	NONE	**E903**	145TTDR5633	✯			$334	E2	84.0	6.7	12.99	5,13	A436
	1800	200-208	145T	NONE	H607	145TTDR5332	✯			$297	E6	81.5	7.1-7.2	11.99	5,13	A436
	1800	200-208	145T	AUTO	**U422**	145TTDR4134	✯			$454	E2	84.0	6.7-6.6	12.99	5,13	A436
	1800	208-230/460	56H	NONE	K041	56T17D5310	✯			$334	F1	81.5	6.2-6.2/3.1	11.94	5,68	A435
	1800	208-230/460	56HZ	AUTO	K065	56T17D3303	✯			$399	F1	81.5	6.2-6.2/3.1	11.99	Z,5,68	A435
	1800	208-230/460	56HZ	AUTO	K069	56T17D3307	✯			$412	F1	81.5	6.2-6.2/3.1	11.99	VC,Z,5,68	A435
	1800	208-230/460	145T	NONE	**E717**	145TTDR5631	✯	K2007	5KE49UN8358	$334	E2	84.0	6.2-5.8/2.9	12.99	5,13,68	A436
	1800	208-230/460	145T	AUTO	**U423**	145TTDR4132	✯			$454	E2	84.0	6.2-5.8/2.9	12.99	5,13,68	A436
	1800	208-230/460	145T	AUTO	**U424**	145TTDR4133	✯			$470	E2	84.0	6.2-5.8/2.9	12.99	VC,5,13,68	A436
	1800	575	56H	NONE	K062	56T17D5370	✯			$334	F1	81.5	2.5	11.94	5	A435
	1800	575	145T	NONE	**E914**	145TTDR5665	✯			$334	E2	84.0	2.3	12.99	5,13	A436
	1800	575	145T	AUTO	**U924**	145TTDR4136				$454	E2	84.0	2.3	12.99	5,13	A436
	1200	200	184T	NONE	**E1918**	184TTDW4178				$514	E2	85.5	7.15	15.22	13,25	A666
	1200	230/460	184T	NONE	**E730**	184TTDR4076	✯			$514	E2	85.5	6.2/3.1	15.22	d,13,25,68	N/A
	1200	230/460	184T	NONE	**E1730**	184HDW4076	✯			$514	E2	85.5	6.2/3.1	13.19	13,68	A666
	900	230/460	213T	NONE	H184	213TTDW7101				$763	E6	80.0	9.0/4.5	15.80		A606
3	3600	200	145T	NONE	**E919**	145TTDR4003				$382	E2	84.0	10.0	11.49	5,13	A436
	3600	208-230/460	56H	NONE	K048	56T34D5340				$397	F1	84.0	8.8-8.2/4.1	11.44	5	A435
	3600	208-230/460	145T	NONE	**E784**	145TTDR5325	✯	K2003	5KE49UN8372	$382	E2	84.0	8.4-7.6/3.8	11.99	5,13,68	A436
	3600	575	145T	NONE	**E932**	145TTDR4105				$382	E2	84.0	3.5	11.49	5,13	A436

Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EPAct and/or NRCan Canadian

Continued on next page.

✯ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

General Purpose, Three Phase

MARS SERIES **555**

VCD — This motor features Marathon's patented VOLTAGE CHANGE DEVICE — As Noted

Inverter Duty

Dripproof, Standard and EPAct Efficiencies, Rigid Base

Suitable for use on VFD per guidelines on page 18.

HP	RPM	VOLTS	FRAME	OVER LOAD	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES	C-FACE KITS
3	1800	200	182T	NONE	**E1904**	182TTDW4027	★	$391	E2	86.5	10.1	12.69	13,25,CF	A666
	1800	200-208	182T	NONE	L102	182TTDR5327	★	$332	E6	84.0	9.9-9.7	14.27	13,25	N/A
	1800	200-208	182T	AUTO	**U425**	182TTDR4074	★	$534	E2	86.5	9.9-10.3	14.22	d,13,25,CF	N/A
	1800	200-208	182T	AUTO	U1425	182TTDW4074	★	$534	E2	86.5	9.6-9.7	12.69	13	A666
	1800	208-230/460	56HZ	NONE	H803	56T17D5398	★	$364	F1	84.0	9.2-8.6/4.3	13.49	Z,13,68	A435
	1800	208-230/460	56HZ	AUTO	K066	56T17D3304	★	$408	F1	84.0	9.2-8.6/4.3	13.49	Z,5,68	A435
	1800	208-230/460	56HZ	AUTO	K080	56T17D3308	★	$421	F1	84.0	9.2-8.6/4.3	13.99	VC,Z,5,68	A435
	1800	208-230/460	182T	NONE	**E718**	182TTDB4026	★	$391	E2	86.5	8.8-8.2/4.1	13.72	DS,13,25,68	N/A
	1800	208-230/460	182T	AUTO	**U426**	182TTDR4156	★	$534	E2	86.5	8.8-8.6/4.3	13.72	d,13,25	N/A
	1800	208-230/460	182T	AUTO	**U1426**	182TTDW4156	★	$534	E2	86.5	9-8.8/4.4	12.69	13	A666
	1800	575	182T	NONE	**E1915**	182TTDW4030	★	$391	E2	86.5	3.5	12.69	13	A666
	1800	575	182T	AUTO	**U1925**	182TTDW4075		$534	E2	86.5	3.5	14.22	13,25	N/A
	1200	200	213T	NONE	**U907**	213TTDW4078	★	$695	E2	86.5	9.65	17.30	13	A606
	1200	230/460	213T	NONE	**E731**	213TTDW4076	★	$695	E2	86.5	8.4/4.2	17.30	68	A606
	900	230/460	215T	NONE	H185	215TTDW7101		$953	E6	78.5	12.2/6.1	17.30		A606
5	3600	200	182T	NONE	**E1933**	182TTDW4104		$438	E2	86.5	13.8	13.72	13,25	N/A
	3600	230/460	145T	NONE	K2004	5KE49QN8360	★	$552	E2	85.5	12.4/6.2	13.62	5,17	A537
	3600	208-230/460	182T	NONE	**E1704**	182TTDW4001	★	$438	E2	85.5	14-12.4/6.2	13.19	13,68	A666
	3600	575	182T	NONE	**U1908**	182TTDW4106		$438	E2	86.5	4.8	13.72	13,25	N/A
	1800	200	184T	NONE	**E1905**	184TTDW4027	★	$425	E2	87.5	15.6	13.19	13	A666
	1800	200	184T	NONE	H613	184TTDR7627	★	$374	E6	85.5	15.1	13.72	13,25	N/A
	1800	200	184	NONE	H1613	184TTDW7627	★	$374	E6	87.5	15.2	13.19	13	A666
	1800	200-208	184T	AUTO	**U427**	184TTDR4153	★	$605	E2	87.5	15.0/14.4	15.22	13,25	N/A
	1800	200-208	184T	AUTO	**U1427**	184TTDW4153		$605	E2	87.5	15.0/14.7	13.19	13	A666
	1800	208-230/460	184T	NONE	**E719**	184TTDB4026	★	$425	E2	87.5	14.4-13.0/6.5	14.72	DS,13,25,68	N/A
	1800	208-230/460	184T	AUTO	**U428**	184TTDR4166	★	$605	E2	87.5	14.0-13.0/6.5	15.22	13,25	N/A
	1800	208-230/460	184T	AUTO	**U1428**	184TTDW4166	★	$605	E2	87.5	14.0-13.2/6.6	13.19	13	A666
	1800	575	184T	NONE	**E1916**	184TTDW4030	★	$425	E2	87.5	5.3	13.19	13	A666
	1200	200	215T	NONE	**E935**	215TTDW4078	★	$809	E2	87.5	16.1	18.55	13	A606
	1200	230/460	215T	NONE	**E732**	215TTDW4076	★	$809	E2	87.5	14.0/7.0	18.55	13,68	A606
	1200	575	215T	NONE	**E936**	215TTDW4080		$809	E2	87.5	5.6	18.55	13	A606
	900	230/460	254T	NONE	H186	254TTDX7101	★	$1,317	E6	82.5	17.0/8.5	20.57		A612
7 1/2	3600	200	184T	NONE	**E1937**	184TTDW4103		$567	E2	87.5	20.2	14.72	13,25	N/A
	3600	200	184T	NONE	H1615	184TTDW7625		$526	E6	86.5	20.7	13.72	25	N/A
	3600	208-230/460	184T	NONE	**E705**	184TTDR4001	★	$567	E2	87.5	20.0-17.6/8.8	15.22	d,13,25,68	N/A
	3600	208-230/460	184T	NONE	**E1705**	184TTDW4001	★	$567	E2	87.5	20.0-17.6/8.8	14.19	13,68	A666
	3600	575	184T	NONE	**E1938**	184TTDW4105		$567	E2	87.5	7.0	14.72	13	A666
	1800	200	213T	NONE	**E906**	213TTDBA4028	★	$591	E2	88.5	24.9	17.30	DS,13,25	A606
	1800	200	213T	NONE	H616	213TTDW7028	★	$537	E6	84.0	24.8	15.80		A606
	1800	200-208	213T	AUTO	**U429**	213TTDW4070		$862	E2	88.5	22.1-21.2	18.04	13	A606
	1800	208-230/460	213T	NONE	**E720**	213TTDBA4026	★	$591	E2	88.5	21.4-19.6/9.8	17.30	DS	A606
	1800	208-230/460	213T	AUTO	**U430**	213TTDW4054	★	$862	E2	88.5	21.0-19.2/9.6	18.05	13,68	A606
	1800	575	213T	NONE	**E758**	213TTDW4030	★	$591	E2	88.5	7.7	17.30	13	A606
	1800	575	213T	AUTO	**U926**	213TTDW4071		$862	E2	88.5	7.7	17.30	13	A606
	1200	230/460	254T	NONE	**E733**	254TTDX4076	★	$1,012	E2	88.5	21.4/10.7	20.57	68	A612
	900	230/460	256T	NONE	H187	256TTDX7101	★	$1,674	E6	84.0	26.0/13.0	22.32		A612
10	3600	200	213T	NONE	**E939**	213TTDW4003		$736	E2	88.5	26.9	17.30	13	A606
	3600	208-230/460	213T	NONE	**E706**	213TTDW4001	★	$736	E2	88.5	25.9-23.4/11.7	17.30	13	A606
	1800	200	215T	NONE	**E907**	215TTDW4028	★	$759	E2	89.5	28.8	17.30	13	A606

Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EPAct and/or NRCan Canadian standards.

Continued on next page.

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

General Purpose, Three Phase

MARS SERIES 555

THIS MOTOR FEATURES MARATHON'S PATENTED VCD VOLTAGE CHANGE DEVICE As Noted

Inverter Duty

Dripproof, Standard and EPAct Efficiencies, Rigid Base

Suitable for use on VFD per guidelines on page 18.

HP	RPM	VOLTS	FRAME	OVER LOAD	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES	C-FACE KITS
10	1800	200	215T	NONE	H619	215TTDW7028	★	$679	E6	87.5	30.5	17.30		A606
	1800	208-230/460	215T	NONE	**E721**	215TTDBA4026	★	$759	E2	89.5	28.6-26.4/13.2	17.30	DS	A606
	1800	460	215T	AUTO	**U431**	213TTDW4062		$974	E2	89.5	12.5	18.04	13	A606
	1800	575	215T	NONE	**E759**	215TTDW4030	★	$759	E2	89.5	10.0	17.30	13	A606
	1200	230/460	256T	NONE	**E734**	256TTDX4076	★	$1,180	E2	90.2	28.0/14.0	22.32		A612
	900	230/460	284T	NONE	H188	284TTDP7101		$1,986	E6	85.5	32.0/16.0	23.49		A610
15	3600	200	215T	NONE	H621	215TTDW7003	★	$897	E6	86.5	43.5	17.30	d	A606
	3600	200	215T	NONE	**E788**	215TTDW4003	★	$1,132	E2	90.2	39.1	18.55	13	A606
	3600	208-230/460	215T	NONE	**E707**	215TTDW4001	★	$1,132	E2	90.2	38.0-34.0/17.0	18.55	13,68	A606
	1800	200	254T	NONE	**E908**	254TTDX4028	★	$1,137	E2	91.0	44.2	22.32		A612
	1800	200	254T	NONE	H622	254TTDX7028	★	$891	E6	87.5	45.1	20.57		A612
	1800	208-230/460	254T	NONE	**E722**	254TTDB4026	★	$1,137	E2	91.0	40.0-36.0/18.0	20.31	DS,13,25,68	N/A
	1800	575	254T	NONE	**E760**	254TTDX4030	★	$1,137	E2	91.0	15.4	22.32		A612
	1200	230/460	284T	NONE	**E735**	284TTDP4076	★	$1,697	E2	90.2	39.0/19.5	23.49		A610
	900	230/460	286T	NONE	H189	286TTDP7101		$2,611	E6	86.5	45.0/22.5	24.99		A610
20	3600	200	254T	NONE	**U900**	254TTDX4018		$1,334	E2	91.0	53.1	20.57		A612
	3600	208-230/460	254T	NONE	**E708**	254TTDX4001	★	$1,334	E2	91.0	51.1-46.2/23.1	22.32	68	A612
	1800	200	256T	NONE	H625	256TTDX7358	★	$1,109	E6	88.5	61.0	22.32		A612
	1800	200	256T	NONE	**E909**	256TTDX4027	★	$1,388	E2	91.0	60.0	22.32		A612
	1800	208-230/460	256T	NONE	**E723**	256TTDB4026	★	$1,388	E2	91.0	54.0 -47.0/23.5	22.05	DS,13,25,68	N/A
	1800	575	256T	NONE	**E761**	256TTDX4032	★	$1,388	E2	91.0	20.8	22.32		A612
	1200	230/460	286T	NONE	**E736**	286TTDP4076		$2,082	E2	91.0	53.0/26.5	24.99		A612
25	3600	200	256T	NONE	H627	256TTDX7024	★	$1,321	E6	89.5	70.0	22.32	d	A612
	3600	200	256T	NONE	**E786**	256TTDX4013	★	$1,628	E2	91.0	66.5	22.32		A612
	3600	208-230/460	256T	NONE	**E709**	256TTDX4001	★	$1,628	E2	91.0	63.0-58.0/29.0	22.32	68	A612
	1800	200	284T	NONE	**E910**	284TTDP4029		$1,612	E2	91.7	70.0	23.49		A610
	1800	200	284T	NONE	H628	284TTDP7644	★	$1,307	E6	88.5	76.0	23.49		A610
	1800	208-230/460	284T	NONE	**E1724**	284TTDCA4026	★	$1,612	E2	92.4	67.0-62.0/31.0	23.50	DS,68	A1287
	1800	230/460	284TS	NONE	**E793**	284TSTDP4036		$1,612	E2	91.7	61.0/30.5	22.06	68	A610
	1800	575	284T	NONE	**E762**	284TTDP4035	★	$1,612	E2	91.7	24.4	23.49		A610
	1200	230/460	324T	NONE	**E737**	324TTDP4076	★	$2,470	E2	91.7	66.0/33.0	26.00	68	A613
	900	230/460	326T	NONE	H191	326TTDP7101		$3,724	E6	87.5	80.0/40.0	27.50		A613
30	3600	200	284TS	NONE	**U901**	284TSTDP4004		$1,942	E2	91.0	83.0	22.06		A610
	3600	200	284TS	NONE	H631	284TSTDP7025	★	$1,500	E6	88.5	84.0	22.06		A610
	3600	230/460	284TS	NONE	**E710**	284TSTDP4001	★	$1,943	E2	91.0	72.0/36.0	22.06	68	A610
	1800	200	286T	NONE	**E911**	286TTDP4027	★	$1,875	E2	92.4	83.0	24.99		A610
	1800	200	286T	NONE	H632	286TTDP7641	★	$1,526	E6	89.5	91.0	24.99		A610
	1800	208-230/460	286T	NONE	**E725**	286TTDC4026	★	$1,875	E2	92.4	80.0-70.0/35.0	24.99	DS,68	A287
	1800	208-230/460	286T	NONE	E1725	286TTDCA4026	★	$1,875	E2	92.4	80.0-73.0/36.5	25.00	d,DS,68	A1287
	1800	230/460	286TS	NONE	**E794**	286TSTDP4038		$1,875	E2	92.4	72.0/36.0	23.56	68	A610
	1800	575	286T	NONE	**E763**	286TTDP4034		$1,875	E2	92.4	28.8	24.99		A610
	1200	230/460	326T	NONE	**E738**	326TTDP4076	★	$2,825	E2	92.4	82.0/41.0	27.50		A61

Blue shaded areas are Cast Iron Frames

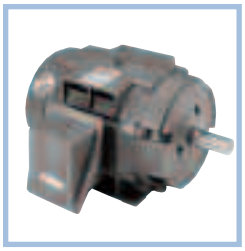
Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EPAct and/or NRCan Canadian standards.

MARATHON

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

General Purpose, Three Phase

MARS SERIES **555**



Applications: General purpose use on compressors, pumps, conveyors, blowers, and other machinery in environments that are relatively clean and dry. Substantial energy savings can be realized when using these high efficiency motors. Guaranteed efficiencies offer an eXtra Return on your Investment when using these premium efficiency motors on high cycle or long run time applications.

Features:

- **Meets or exceeds NEMA Premium^{S} efficiencies, except where noted NEMA Premium® models are in compliance with EISA2007**
- Motors are suitable for 10:1 VT on all frame sizes and 10:1 CT up to 365T frame (Except where noted)
- 1.15 Service Factor
- Class F Insulation
- Nameplated 60/50 hertz
- UL Recognized and CSA Certified and CE Mark
- Three year warranty

As Noted

Dripproof, NEMA Premium® XRI® Efficiency, Rigid Base

Suitable for use on VFD per guidelines on page 18.

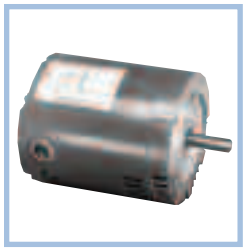
HP	RPM	VOLTS	FRAME	OVER LOAD	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES	C FACE KIT
1	3600	208-230/460	56H	TSTAT	U244	56T34D6001	★	$380	E2	80.0	2.8-3.4/1.4	10.18	13	A435
	1800	208-230/460	143T	TSTAT	U758	143TTDR6027	★	$433	E2	85.5	3.2/1.6	12.12		A600
	1200	208-230/460	145T	TSTAT	U265	145TTDR6076	★	$504	E2	82.5	3.8-4.4/2.2	12.62		A600
1 1/2	3600	208-230/460	143T	TSTAT	U245	143TTDR6028	★	$423	E2	84.0	4.4-4.0/2.0	12.28		A600
	1800	208-230/460	145T	TSTAT	U759	145TTDR6028	★	$452	E2	86.5	4.8-5.6/2.4	12.62		A600
	1200	208-230/460	182T	TSTAT	U1266	182TTDW6076	★	$593	E2	86.5	6.2/3.1	13.19	13	A666
2	3600	208-230/460	145T	TSTAT	U246	145TTDR6039	★	$499	E2	85.5	5.2-4.8/2.4	13.12		A600
	1800	208-230/460	145T	TSTAT	U760	145TTDR6029	★	$512	E2	86.5	5.8/2.9	13.62		A600
	1200	208-230/460	184T	TSTAT	U1267	184TTDW6076	★	$604	E2	87.5	7.2/3.6	15.19	13	A666
3	3600	208-230/460	145T	TSTAT	U247	145TTDR6002	★	$504	E2	86.5	8.0-7.2/3.6	13.12		A600
	1800	208-230/460	182T	TSTAT	E1930	182TTDW6030	★	$525	E2	89.5	8.4-8.0/4.0	14.19	13	A666
	1200	208-230/460	213T	TSTAT	U268	213TTDC6076	★	$829	E2	88.5	10.2-10.0/5.0	16.38		A602
5	3600	208-230/460	182T	TSTAT	U1248	182TTDW6001	★	$553	E2	86.5	13.0-12.0/6.0	15.19	13	A666
	1800	208-230/460	184T	TSTAT	E1931	184TTDW6031	★	$590	E2	89.5	13.6-12.8/6.4	15.19	13	A666
	1200	208-230/460	215T	TSTAT	U269	215TTDC6076	★	$964	E2	90.2	15.8-15.0/7.5	16.38		A602
7 1/2	3600	208-230/460	184T	TSTAT	U1249	184TTDR6001	★	$800	E2	88.5	19.6-17.6/8.8	16.19	13	A666
	1800	208-230/460	213T	TSTAT	U763	184TTW6001	★	$764	E2	91.0	20.6-19.8/9.9	16.38		A602
	1200	208-230/460	254T	TSTAT	U254	254TTDC6076	★	$1,206	E2	92.4	23.4-22.4/11.2	20.94	YD	A622
10	3600	208-230/460	213T	TSTAT	U764	213TTDC6001	★	$872	E2	91.0	25.0-23.6/11.8	16.38		A602
	1800	208-230/460	215T	TSTAT	U765	215TTDC6026	★	$902	E2	91.7	28.5-25.6/12.8	17.87		A602
	1200	208-230/460	256T	TSTAT	U255	256TTDC6076	★	$1,503	E2	91.7	31.0-29.6/14.8	22.60	YD	A622
15	3600	208-230/460	215T	TSTAT	U766	215TTDC6001	★	$1,278	E2	91.0	38.0-34.6/17.3	17.87	99	A602
	1800	208-230/460	254T	TSTAT	U767	254TTDC6026	★	$1,249	E2	93.0	40.5-37.0/18.5	20.94	A,YD	A622
	1200	208-230/460	284T	TSTAT	U256	284TTDC6076	★	$1,979	E2	92.4	42.0-39.5/19.7	23.54	YD	A626
20	3600	208-230/460	254T	TSTAT	U768	254TTDC6001	★	$1,472	E2	93.0	50.0-46.0/23.0	20.94	YD	A622
	1800	208-230/460	256T	TSTAT	U769	256TTDC6026	★	$1,546	E2	93.0	55.0-51.0/25.5	22.60	YD	A622
	1200	208-230/460	286T	TSTAT	U257	286TTDC6076	★	$2,411	E2	92.4	58.0-55.0/27.5	25.00	YD	A626
25	3600	208-230/460	256T	TSTAT	U770	256TTDC6001	★	$1,875	E2	93.0	64.0-57.4/28.7	22.60	YD	A622
	1800	208-230/460	284T	TSTAT	U771	284TTDC6026	★	$1,824	E2	93.6	66.0-59.6/29.8	23.54	YD	A626
	1200	208-230/460	324T	TSTAT	U798	324TTDC6076	★	$2,872	E2	93.0	72.0-67.0/33.5	26.02	YD	A627

Blue shaded areas are Cast Iron Frames

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

General Purpose, Three Phase

MARS SERIES **555**



Features:

- Ball bearings, mechanically locked on shaft end
- NEMA Service Factors
- UL Recognized and CSA Certified

Inverter Duty

Dripproof, Standard Efficiency, C-Face Footless

Suitable for use on VFD per guidelines on page 18.

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	FORMER NO.	FORMER MODEL NO.	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES
1/4	1800	208-230/460	56C	K247	5K49DN4132	★	G245	56T17D2105	$192	F1	67.4	1.1-1.2/0.6	9.52	17,68
1/3	3600	208-230/460	56C	KG215	5K35FN55	★	P001	56T34D5310	$166	F1	61.0	1.5-1.8/0.9	9.90	68,115
	1800	208-230/460	56C	K248	5K49FN4138	★	G201	56T17D2106	$222	F1	69.,2	1.5-1.6/0.8	9.52	68
1/2	3600	208-230/460	56C	K216	5K36JN57	★	P002	56T34D5311	$188	F1	69.8	2.0-2.0/1.0	10.31	68,114
	1800	208-230/460	56C	K249	5K42HN4127	★	G203	56T17D2107	$250	F1	74.7	2.3-2.2/1.1	9.90	68
	1800	575	56C	G242	56T17D2115	★			$250	F1	68.0	0.9	10.30	
	1200	208-230/460	56C	K1299	5K46MN6018	★	G248	56T11D5311	$330	F1	72.0	2.4-2.7/1.4	10.44	68
3/4	3600	208-230/460	56C	G205	56T34D5327	★			$226	F1	74.0	3.0-3.2/1.6	10.44	d,68
	3600	208-230/460	56C	K218	5K37MN37	★	P003	56T34D5312	$226	F1	74.0	2.6-2.6/1.3	10.70	48,68,113
	1800	208-230/460	56C	K250	5K46KN4125	★	G207	56T17D2108	$279	F1	74.3	2.7-2.8/1.4	10.80	
	1800	575	56C	G243	56T17D2116	★			$279	F1	75.5	1.1	10.80	
	1200	208-230/460	56C	K1300	5K49PN6019	★			$341	F1	76.1	2.9-2.8/1.4	11.38	
	1200	208-230/460	143TC	K1301	5K49PN8020	★	C111	143TTDR5378	$389	E6	76.1	2.9-2.8/1.4	11.50	d,68
1	3600	208-230/460	56C	K220	5K38PN47	★	P004	56T34D5313	$257	F1	74.0	3.3-3.2/1.6	11.30	48,68,112
	1800	208-230/460	56C	K251	5K46MN4126	★	G221	56T17D2109	$284	F1	79.2	3.6-3.8/1.9	10.73	
	1800	208-230/460	143TC	K634	5K46MN8423	★	C120	143TTDR5331	$334	E6	79.2	3.6-3.8/1.9	12.42	
	1800	575	56C	G244	56T17D2127				$284	F1	77.0	1.4	11.30	
	1200	208-230/460	145TC	C150	145TTDR5377	★	K2024	5KE49UN8406	$413	E6	75.5	4.1-4.2/2.1	11.49	d,68
1 1/2	3600	208-230/460	56C	K222	5K46KN2173	★	P005	56T34D5314	$313	F1	80.0	5.0-4.8/2.4	10.73	48,68,111
	3600	208-230/460	143TC	K2018	5KE49PN8418	★			$390	E6	82.5	4.4-4.0/2.0	11.50	
	1800	208-230/460	56C	K521	5K49PN4120	★	G225	56T17D5318	$314	F1	79.8	5.8-5.6/2.8	11.33	
	1800	208-230/460	145TC	K622	5K49RN8424	★	C121	145TTDR5340	$358	E6	82.1	5.2/2.6	11.95	
	1200	208-230/460	145TC	C162	145TTDR5384				$432	E6	78.5	5.45-5.4/2.7	12.49	68
2	3600	208-230/460	145TC	C102	145TTDR5311	★	K2019	5KE49RN8420	$413	E6	80.0	6.4-6.2/3.1	10.49	d,68
	3600	208-230/460	56C	K224	5K49NN2180	★	P006	56T34D5315	$367	F1	80.0	6.0-6.0/3.0	11.33	48,68,110
	1800	208-230/460	56C	K644	5K49ZN4611	★	G229	56T17D5319	$345	F1	83.8	6.6-6.4/3.2	13.81	
	1800	208-230/460	145TC	C122	145TTDR5341	★			$386	E6	81.5	6.2-6.2/3.1	11.99	68
	1200	230/460	184TC	C1152	184TTDW7379				$497	E6	80.0	6.8/3.4	14.47	13,68
3	3600	208-230/460	56C	G289	56T34D5339	★			$412	F1	84.0	8.9-8.4/4.2	11.44	d,68
	3600	208-230/460	56C	K226	5K48TN2182	★	P007	56T34D5316	$412	F1	84.0	8.9-8.2/4.1	12.61	18,48,68
	3600	208-230/460	145TC	C103	145TTDR5312	★	K2020	5KE49UN8394	$454	E6	84.0	8.9-8.4/4.2	11.49	68
	1800	208-230/460	145TC	C163	145TTDR5646				$453	E6	84.0	9.2-8.6/4.3	13.49	68
	1800	208-230/460	182TC	C123	182TTDR8067	★			$462	E6	81.5	9.2-9.0/4.5	14.28	d,68
	1800	208-230/460	182TC	C1123	182TTDW8067	★			$462	E6	82.5	9.2-9.0/4.5	12.28	13,68
5	3600	208-230/460	182TC	C1104	182TTDW8204	★			$575	E6	82.5	14.6-14.0/7.0	13.23	13,68
	1800	208-230/460	184TC	C124	184TTDR8329	★			$504	E6	85.5	14.4-13.2/6.6	15.28	d,68
	1800	208-230/460	184TC	C1124	184TTDW8329	★			$504	E6	81.1	14.6-13.2/6.6	13.28	13,68
7 1/2	3600	208-230/460	184TC	C105	184TTDR9308	★			$659	E6	87.5	19.0-17.6/8.8	14.70	d,CF,68
	3600	208-230/460	184TC	C1105	184TTDW9308	★			$659	E6	87.0	21.0-19.0/9.5	13.78	13,68
	1800	208-230/460	213TC	C125	213TTDW7046				$667	E6	84.0	22.0-21.6/10.8	16.53	68
	1200	208-230/460	254TC	C155	254TTDX7090				$1,072	E6	81.5	23.0-22.2/11.1	20.92	68
10	3600	208-230/460	213TC	C106	213TTDW7021	★			$812	E6	85.5	28.0-25.0/12.5	16.53	68
	1800	208-230/460	215TC	C126	215TTDW7046				$809	E6	87.5	29.0-26.4/13.2	18.03	68
	1200	230/460	256TC	C156	256TTDX7396				$1,216	E6	87.5	27.6/13.8	22.67	68

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

MARATHON

General Purpose, Three Phase

MARS SERIES **555**

Applications: General purpose use on gear reducers, pumps, machine tools, and other direct coupled equipment installed in environments that are relatively clean and dry. For use outdoors an enclosure or drip cover may be required (see Accessories section).

Features:

- Ball bearings, mechanically locked on shaft end
- NEMA Service Factors
- UL Recognized and CSA Certified

Inverter Duty

Dripproof, EPAct Efficiency, C-Face Footed (Rigid Base)

Suitable for use on VFD per guidelines on page 18.

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	CT SPEED RANGE*	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES
1/3	1800	208-230/460	56C	K1305	5K42FN4033	★	------	$242	F1	69.2	1.5-1.6/0.8	9.95	
1/2	3600	208-230/460	56C	K1306	5K49FN2045	★	------	$229	F1	65.5	2.2-2.5/1.3	10.38	114
	1800	208-230/460	56C	K1307	5K42HN4032	★	------	$270	F1	74.7	2.3-2.2/1.1	9.95	
3/4	1800	208-230/460	56C	K1308	5K46KN4031	★	------	$299	F1	74.3	3.3-3.0/1.5	10.78	
1	1800	208-230/460	143TC	**K2021**	5KE49PN8391	★	------	$325	E2	82.5	3.2-3.1/1.55	11.50	
	1800	208-230/460	56HC	K635	5K46MN4623	★	------	$304	F1	79.2	3.6-3.8/1.9	10.78	
1 1/2	3600	208-230/460	56C	K690	5K46HN2546	★	------	$333	F1	80.0	5.2-5.0/2.5	10.44	
	1800	208-230/460	145TC	**K2022**	5KE49TN8401	★	------	$333	E2	84.0	4.5-4.4/2.2	12.03	
	1800	208-230/460	56HC	K646	5K49RN4617	★	------	$334	F1	82.1	5.2/2.6	11.91	
2	3600	208-230/460	56C	K1311	5K49NN2046	★	------	$387	F1	80.5	6.6-6.0/3.0	11.38	
	1800	208-230/460	145TC	**K2023**	5KE49UN8407	★	------	$375	E2	84.0	6.4-6.0/3.0	13.34	
	1800	208-230/460	56HC	K648	5K49ZN4616	★	------	$365	F1	83.6	6.2-5.8/2.9	13.86	
5	3600	208-230/460	182TC	**U402**	182TTDR4108	★	2:1	$630	E2	86.5	13.4-12.0/6.0	14.46	d,68
	3600	208-230/460	182TC	**U1402**	182TTDW4108	★	2:1	$630	E2	86.5	14.0-12.4/6.2	13.20	68
	1800	230/460	184TC	**U1403**	184TTDW4132		2:1	$617	E2	87.5	13.2/6.6	14.96	13,68
7 1/2	3600	208-230/460	184TC	**U404**	184TTDR4107	★	2:1	$849	E2	87.5	20.0-17.6/8.8	15.46	d,13,68
	3600	208-230/460	184TC	**U1404**	184TTDW4107	★	2:1	$849	E2	87.5	20.0-17.6/8.8	14.20	13,68
	1800	230/460	213TC	**U405**	213TTDW4045	★	2:1	$838	E2	88.5	19.2/9.6	18.03	d,68
10	3600	230/460	213TC	**U432**	213TTDW4315		2:1	$866	E2	88.5	23.4/11.7	18.03	YD,68
	1800	208-230/460	215TC	**U433**	215TTDW4335		2:1	$997	E2	89.5	28.0-25.0/12.5	18.03	YD,68
15	3600	230/460	215TC	**U435**	215TTDW4315		2:1	$1,262	E2	90.2	34.0/17.0	19.28	YD,13,68
	1800	208-230/460	254TC	**U436**	254TTDX4065	★	2:1	$1,313	E2	91.0	42.0-38.5/19.2	22.64	YD,68
20	3600	230/460	254TC	**U437**	254TTDX4315		2:1	$1,511	E2	91.0	46.0/23.1	20.89	YD,68
	1800	208-230/460	256TC	**U438**	256TTDX4345		2:1	$1,564	E2	91.0	55.0-52.0/26.0	22.64	A,YD,68
25	3600	230/460	256TC	**U439**	256TTDX4315		2:1	$1,804	E2	91.0	58.0/29.0	22.64	YD,68

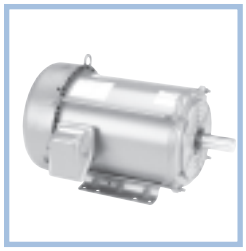
*** Requires nameplate modification**

Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EPAct and/or NRCan Canadian standards.

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

General Purpose, Three Phase

MARS SERIES **555**



Applications: General purpose use on pumps, fans, blowers, compressors, conveyors, and other industrial machinery installed in damp, dusty, or dirty environments. Additionally, cast iron frame motors may be suitable for the process industries.

Features:

- Frame constructions are heavy gauge steel or Aluminum, as noted
- Ball bearings (except as noted)
- 1.15 Service Factor (except as noted)
- 60/50 hertz at next lower horsepower, as noted
- Will accept C-Face Kits as noted, also see Accessories section
- UL Recognized and CSA Certified
- Two year warranty on EPAct efficient motors (bold blue Catalog Numbers)

Inverter Duty

Totally Enclosed, Standard and EPAct Efficiencies, Rigid Base

Suitable for use on VFD per guidelines on page 18.

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	FORMER NO.	FORMER MODEL NO.	CT SPEED RANGE*	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES	C-FACE KITS
1/4	1800	208-230/460	48	K151	5K32GN30	★	K420	48T17F2000	------	$207	F1	62.9	1.3-1.4/0.7	9.92	20	N/A
	1800	230/460	48	K194	5K33KN92	★			------	$301	F1	67.5	1.2/0.6	9.19	17	N/A
	1800	208-230/460	56	K439	5K49DN4131	★			------	$265	F1	67.4	1.1-1.2/0.6	9.57	N,17	A536
	1800	575	48	K418	5K32GN53	★			------	$280	F1	61.2	0.6	9.92	17	N/A
	1200	230/460	56	K321	5K35MN75	★	G301	56T11F5300	------	$297	F1	66.0	1.4/0.7	10.93	20,68	AG215
1/3	3600	208-230/460	48	K153	5K33FN30	★			------	$207	F1		1.5-1.8/0.9	10.20	17	N/A
	1800	208-230/460	56	K154	5K49FN4136	★	G303	56T17F2034	------	$224	F1	69.2	1.5-1.6/.8	10.73	20,68	A536
	1800	208-230/460	56	K196	5K49FN4129	★			------	$338	F1	73.4	1.3-1.4/0.7	9.57	17,N	A536
	1800	575	56	G304	56T17F2043	★			------	$224	F1	65.5	0.6	10.22	25	N/A
	1200	230/460	56	K155	5K36PN30	★	G306	56T11F5301	------	$314	F1	67.3	1.8/0.9	11.40	20,68	AG215
1/2	3600	208-230/460	56	G308	56T34F5328	★			2:1	$203	F1	66.0	2.1-2.2/1.1	11.82	68	A437
	3600	575	56	G309	56T34F5333	★			2:1	$203	F1	66.0	0.9	11.82		A437
	1800	208-230/460	56	K158	5K35MNB117	★	G321	56T17F2035	------	$250	F1	76.1	2.1-2.2/1.1	10.93	19	AG215
	1800	208-230/460	56	K197	5K42HN4109	★			------	$376	F1	76.9	1.8-1.8/0.9	9.95	17,N	A536
	1800	575	56	K426	5K42HN4134	★	G322	56T17F2044	------	$250	F1	76.9	0.8	11.00	19,50	A536
	1200	208-230/460	56	K159	5K49MN6079	★	G324	56T11F5302	------	$345	F1	72.0	2.6-2.6/1.3	11.43	5,19	A536
3/4	3600	208-230/460	56	K160	5K37NN30	★	G326	56T34F5329	------	$242	F1	74.1	2.6-2.5/1.3	11.76	19	AG215
	3600	575	56	G327	56T34F5334	★			2:1	$242	F1	74.0	1.3	11.82		A437
	1800	200-208	56	G328	56T17F2045				------	$276	F1	75.5	3.2/3.3	11.22	25	N/A
	1800	208-230/460	56	MK161■	5K36PNB111	★	G329	56T17F2037	------	$276	F1	78.9	2.8-2.8/1.4	11.36	19	AG215
	1800	208-230/460	56	K198	5K49PN4113	★			------	$387	F1	80.6	2.4-2.4/1.2	11.38	17,N	A536
	1800	575	56	G1340	5K36PN251	★	G340	56T17F2046	------	$276	F1	73.4	1.3	11.40	19	A536
	1200	208-230/460	56	MK162■	5K46PN6082	★	G342	56T11F5303	------	$357	F1	76.1	2.9-2.8/1.4	11.83	68	AG215
	1200	208-230/460	143T	H700	143TTFR5376	★			2:1	$347	E6	74.0	3.2-3.2/1.6	12.37	68	A438
1	3600	208-230/460	56	K163	5K38RN30	★	G344	56T34F5330	------	$272	F1	78.5	3.2-3.0/1.5	12.36	19,68	AG215
	3600	575	56	G345	56T34F5335				2:1	$272	F1	74.0	1.5	11.82		A437
	1800	200	143T	E824	143TTFR4028				10:1	$325	E8	82.5	3.5	12.87		A438
	1800	200-208	143T	H664	143TTFR5327	★			2:1	$286	E6	77.0	4.15-4.3	12.37		A438
	1800	208-230/460	56	G347	56T17F5302	★	K2064	5KE49PN4600	2:1	$289	F1	77.0	3.5-3.6/1.8	12.32	68	A437
	1800	208-230/460	56	K164	5K49MN4105	★			------	$369	F1	79.2	3.6-3.8/1.9	11.43	17	A536
	1800	208-230/460	143T	E950	143TTFR4026	★	K2012	5KE49PN8377	10:1	$325	E8	82.5	3.2-3.0/1.5	12.87	68	A438
	1800	575	56	K424	5K49MN4111	★	G348	56T17F5307	------	$289	F1	78.2	1.7	11.43	19	A536
	1800	575	143T	E827	143TTFR4030	★	K2013	5KE49PN8399	10:1	$325	E8	82.5	1.2	12.87		A438
	1200	230/460	56H	K165	5K49UN6085	★	G360	56T11F5304	------	$382	F1	76.1	3.6/1.8	13.07	18,68	A536
	1200	230/460	145T	E979	145TTFR4076	★			10:1	$414	E8	80.0	3.3/1.65	13.37	68	A438

*** Requires nameplate modification**

Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EPAct and/or NRCan Canadian standards.

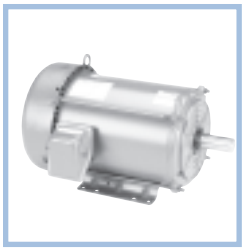
■ Please note MARS has added an "M" to the front of this item.

Continued on next page.

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

General Purpose, Three Phase

MARS SERIES **555**



Applications: General purpose use on pumps, fans, blowers, compressors, conveyors, and other industrial machinery installed in damp, dusty, or dirty environments. Additionally, cast iron frame motors may be suitable for the process industries.

Features:

- Frame constructions are heavy gauge steel or Aluminum, as noted
- Ball bearings (except as noted)
- 1.15 Service Factor (except as noted)
- 60/50 hertz at next lower horsepower, as noted
- Will accept C-Face Kits as noted, also see Accessories section
- UL Recognized and CSA Certified
- Two year warranty on EPAct efficient motors (bold blue Catalog Numbers)

Inverter Duty

Totally Enclosed, Standard and EPAct Efficiencies, Rigid Base

Suitable for use on VFD per guidelines on page 18.

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	FORMER NO.	FORMER MODEL NO.	CT SPEED RANGE*	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES	C-FACE KITS
1 1/2	3600	200	143T	E830	143TTFR4003				2:1	$342	E8	82.5	4.6	12.87		A438
	3600	208-230/460	56	K166	5K46KN2175	✯	G383	56T34F5331	------	$328	F1	77.3	5.0-4.8/2.4	11.83		A536
	3600	208-230/460	143T	E832	143TTFR4001	✯			2:1	$342	E8	82.5	4.4-4.0/2.0	12.87	68	A438
	3600	575	56	G363	56T34F5336				2:1	$328	F1	80.0	1.8	11.82		A437
	3600	575	143T	E834	143TTFR4005				2:1	$342	E8	82.5	1.6	12.87		A438
	1800	200	145T	E836	145TTFR4029				10:1	$362	E8	84.0	5.1	14.37		A438
	1800	200-208	145T	H665	145TTFR5328	✯			2:1	$317	E6	80.0	5.5-5.9	12.37		A438
	1800	208-230/460	56H	K167	5K49SN4118	✯	G365	56T17F5303	------	$330	F1	81.7	4.7-4.4/2.2	13.07	5,19,68	A536
	1800	208-230/460	145T	E951	145TTFR4026	✯	K2014	5KE49TN8368	10:1	$362	E8	84.0	4.6-4.4/2.2	14.37	68	A438
	1800	575	145T	E838	145TTFR4038	✯	K2015	5KE49TN8402	10:1	$362	E8	84.0	1.8	14.37		A438
	1200	230/460	182T	E982	182TTFR4076	✯			10:1	$428	E8	85.5	5.0/2.5	14.97	d,68	A644
	1200	230/460	182T	E1982	182TTFW4076	✯			10:1	$428	E8	85.5	5.4/2.7	13.46	13,68	A666
2	3600	200	145T	E840	145TTFR4005				2:1	$397	E8	84.0	6.0	13.37		A438
	3600	208-230/460	145T	E994	145TTFR4001	✯	K2049	5KE49TN8403	2:1	$397	E8	84.0	5.7-5.2/2.6	13.37	68	A438
	3600	575	56H	G368	56T34F5337				2:1	$382	F1	80.0	2.4	12.32	5	A437
	3600	575	145T	E843	145TTFR4007				2:1	$397	E8	84.0	2.1	13.37		A438
	1800	200	145T	E845	145TTFR4032				10:1	$397	E8	84.0	64.5	13.87		A438
	1800	200-208	145T	H666	145TTFR5330	✯			2:1	$349	E6	82.5	6.8-6.8	13.87		A438
	1800	208-230/460	56	K1492	5K49ZN4252	✯	G369	56T17F5326	------	$368	F1	83.6	6.2-5.8/2.9	14.38		A536
	1800	208-230/460	145T	E952	145TTFR4027	✯	K2016	5KE48WN8361	10:1	$397	E8	84.0	6.0-5.6/2.8	13.87	68	A438
	1800	575	145T	E847	145TTFR4039	✯	K2017	5KE48WN8393	10:1	$397	E8	84.0	2.3	13.87		A438
	1200	230/460	184T	E995	184TTFR4076	✯			10:1	$470	E8	86.5	6.0/3.0	15.97	d,68	A644
	1200	230/460	184T	E1995	184TTFW4076	✯			10:1	$470	E8	86.5	7.2/3.6	13.96	13,68	A666
3	3600	208-230/460	56H	G385	56T34F5338				2:1	$428	F1	84.0	8.4-7.6/3.8	13.52	5,68	A437
	3600	208-230/460	182T	E967	182TTFR4001	✯			2:1	$449	E8	85.5	8.2-7.4/3.7	14.97	d,68	A644
	3600	208-230/460	182T	E1967	182TTFW4001	✯			2:1	$449	E8	85.5	8.2-7.4/3.7	13.46	68	A666
	3600	230/460	145T	K2011	5KE49WN8367	✯			------	$530	E8	85.5	7.6/3.8	14.64	5	A537
	3600	575	182T	U1603	182TTFW4005		U603	182TTFR4005	2:1	$449	E8	85.5	3.0	14.97		A666
	1800	200	182T	L633	182TTFR5327	✯			2:1	$389	E6	84.0	9.9	15.65	25	A644
	1800	200	182T	U1605	182TTFW4038				10:1	$425	E8	87.5	9.7	14.97	13	A666
	1800	230/460	56H	G387	56T17F5327				2:1	$391	F1	84.0	8.6/4.3	14.82	68	A437
	1800	208-230/460	182T	E953	182TTFB4026	✯			10:1	$425	E8	87.5	8.8-8.2/4.1	13.96	68	A644
	1800	575	182T	U608	182TTFR4040	✯			10:1	$425	E8	87.5	3.4	14.97	d	A644
	1800	575	182T	U1608	182TTFW4040	✯			10:1	$425	E8	87.5	3.4	12.96	13	A666
	1200	230/460	213T	E980	213TTFW4076	✯			10:1	$624	E8	87.5	9.2/4.6	20.23	68	A609

*** Requires nameplate modification**

Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EPAct and/or NRCan Canadian standards.

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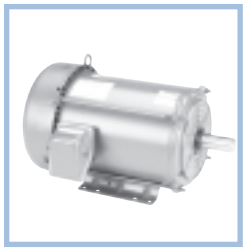
✯ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

General Purpose, Three Phase

MARS SERIES **555**



Applications: General purpose use on pumps, fans, blowers, compressors, conveyors, and other industrial machinery installed in damp, dusty, or dirty environments. Additionally, cast iron frame motors may be suitable for the process industries.

Features:

- Frame constructions are heavy gauge steel or Aluminum, as noted
- Ball bearings (except as noted)
- 1.15 Service Factor (except as noted)
- 60/50 hertz at next lower horsepower, as noted
- Will accept C-Face Kits as noted, also see Accessories section
- UL Recognized and CSA Certified
- Two year warranty on EPAct efficient motors (bold blue Catalog Numbers)

Inverter Duty

Totally Enclosed, Standard and EPAct Efficiencies, Rigid Base

Suitable for use on VFD per guidelines on page 18.

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	CT SPEED RANGE*	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES	C-FACE KITS
5	3600	200	184T	U1611	184TTFW4003		2:1	$555	E8	87.5	14.3	15.97	13	A666
	3600	208-230/460	184T	E963	184TTFR4001	✯	2:1	$555	E8	87.5	13.4-12.4/6.2	15.97	d,68	A644
	3600	208-230/460	184T	E1963	184TTFW4001	✯	2:1	$555	E8	87.5	13.4-12.2/6.1	14.46	13,68	A666
	3600	575	184T	U1614	184TTFW4005		2:1	$555	E8	87.5	5.0	15.97	13	A666
	1800	200	184T	U1616	184TTFW4038		10:1	$496	E8	87.5	15.0	15.97	13	A666
	1800	200	184T	H668	184TTFR7727	✯	2:1	$453	E6	84.0	15.2	17.47		A644
	1800	200	184T	H1668	184TTFW7727	✯	2:1	$453	E6	87.5	15.0	13.96	13	A666
	1800	208-230/460	184T	E954	184TTFB4026	✯	10:1	$496	E8	87.5	14.2-13.0/6.5	14.96	68	A644
	1800	575	184T	U1619	184TTFW4040	✯	10:1	$496	E8	87.5	5.3	13.96	13	A666
	1200	230/460	215T	E970	215TTFW4076	✯	10:1	$897	E8	87.5	14.0/7.0	21.48	68	A609
7 1/2	3600	200	213T	U622	213TTFW4003		2:1	$725	E8	89.5	21.2	20.23		A609
	3600	230/460	213T	E972	213TTFW4001	✯	2:1	$725	E8	88.5	18.4/9.2	18.73	68	A609
	3600	575	213T	U625	213TTFW4005		2:1	$725	E8	88.5	7.4	18.73		A609
	1800	200	213T	U627	213TTFW4028		10:1	$711	E8	89.5	23.0	18.73		A609
	1800	200	213T	H669	213TTFW7028	✯	2:1	$650	E8	87.5	22.3	18.73		A609
	1800	208-230/460	213T	E955	213TTFW4026		10:1	$711	E8	89.5	21.6-20.0/10.0	20.23	68	A609
	1800	208-230/460	213T	E1955	213TTFBA4026	✯	10:1	$711	E8	89.5	21.0-19.6/9.8	18.74	68	A204
	1800	575	213T	U630	213TTFW4030	✯	10:1	$711	E8	89.5	8.0	18.73		A609
	1200	230/460	254T	U632	254TTFL14076	✯	10:1	$1,180	E8	89.5	22.0/11.0	24.75	AL,68	A1209
10	3600	200	215T	U634	215TTFW4003		2:1	$847	E8	89.5	27.6	20.23		A609
	3600	230/460	215T	E969	215TTFW4001	✯	2:1	$847	E8	89.5	24.0/12.0	20.23	68	A609
	3600	575	215T	E821	215TTFW4005		2:1	$847	E8	89.5	9.6	20.23		A609
	1800	200	215T	H670	215TTFW7028	✯	2:1	$808	E6	88.5	28.8	20.23		A609
	1800	200	215T	E822	215TTFW4028		10:1	$861	E8	89.5	29.9	20.23		A609
	1800	208-230/460	215T	E1956	215TTFBA4026	✯	10:1	$861	E8	89.5	27.6-25/12.5	20.24	68	A204
	1800	575	215T	U640	215TTFW4030	✯	10:1	$861	E8	89.5	10.4	20.23		A609
	1200	230/460	256T	E973	256TTFL14076		10:1	$1,505	E8	89.5	26.0/13.0	26.24	AL,68	A1209
15	3600	200	254T	U643	254TTFL14004		2:1	$1,175	E8	90.2	40.5	22.49	AL	A1209
	3600	230/460	215T	U670	215TTFW4007	✯	2:1	$1,175	E8	90.2	36.0/18.0	20.23	68	A609
	3600	230/460	254T	E977	254TTFL14001	✯	2:1	$1,175	E8	90.2	35.0/17.5	22.49	AL,68	A1209
	3600	575	254T	U645	254TTFL14005		2:1	$1,175	E8	90.2	14.0	22.99	AL	A1209
	1800	200	254T	H623	254TTFL17039	✯	2:1	$1,067	E6	88.5	44.4	22.49	AL,d	A1209
	1800	200	254T	U646	254TTFL14027		10:1	$1,167	E8	91.0	46.0	22.99	AL	A1209
	1800	208-230/460	254T	E996	254TTFL14026	✯	10:1	$1,167	E8	91.0	42.0-40.0/20.0	22.99	AL,68	A1209
	1800	575	254T	E997	254TTFL14030		10:1	$1,167	E8	91.0	16.0	22.99	AL	A1209
20	3600	230/460	256T	E974	256TTFL14001	✯	2:1	$1,543	E8	90.2	47.0/23.5	24.74	AL,68	A1209
	1800	200	256T	U651	256TTFL14027		10:1	$1,437	E8	91.0	58.5	26.24	AL	A1209
	1800	200	256T	H274	256TTFL15027		2:1	$1,349	E6	88.5	60.0	24.74	AL	A1209
	1800	208-230/460	256T	E965	256TTFL14026	✯	10:1	$1,437	E8	91.0	55.0-51.0/25.5	26.24	AL,68	A1209
	1800	575	256T	E998	256TTFL14030		10:1	$1,437	E8	91.0	20.4	26.24	AL	A1209

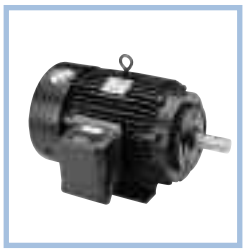
*** Requires nameplate modification**

Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EPAct and/or NRCan Canadian standards.

✯ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

General Purpose, Three Phase

MARS SERIES **555**



Applications: General purpose use on pumps, fans, blowers, compressors, conveyors, and other industrial machinery installed in damp, dusty, or dirty environments. Additionally, cast iron frame motors may be suitable for the process industries.

Features:

- 1.15 Service Factor
- Nameplated 60/50 hertz at next lowest horsepower
- Will accept C-Face Kits as noted, also see Accessories section
- Severe duty kits available, see Accessories section
- Shaft slinger, regreasable bearings (182T and larger), lead lugs (364T and larger), and bearing caps on 444T and larger
- Ball bearings, except where noted
- UL Recognized and CSA Certified
- Two year warranty on EPAct efficient motors (bold blue Catalog Numbers)

Inverter Duty

Totally Enclosed, Standard and EPAct Efficiencies, Rigid Base

Suitable for use on VFD per guidelines on page 18.

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	CT SPEED RANGE*	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES	C-FACE KITS
3/4	1200	208-230/460	143T	H457	143TTFN8076	★	2:1	$347	E6	74.0	3.1-3.2/1.6	12.04	68	A603
1	1800	200	143T	**E825**	143TTTN4028		1000:1	$342	E1	82.5	3.7	10.43	N	A603
	1800	208-230/460	143T	**E826**	143TTTC4026	★	1000:1	$342	E1	85.5	3.2-3.0/1.5	10.43	DS,N,68	A603
	1800	575	143T	**E828**	143TTTN4030	★	1000:1	$342	E1	82.5	1.3	10.43	d,N	A603
	1200	230/460	145T	**E829**	145TTTN4076	★	1000:1	$437	E1	80.0	3.4/1.7	11.43	N,68	A655
	1200	575	145T	U672	145TTTN4080	★	1000:1	$437	E1	80.0	1.3	11.43	N	A655
	900	230/460	182T	L409	182TTFS8101	★	----	$661	E6	72.0	4.0/2.0	14.81	68	A644
1 1/2	3600	200	143T	**E831**	143TTTN4003		1000:1	$361	E1	86.5	4.6	10.43	N	A603
	3600	208-230/460	143T	**E833**	143TTTN4001	★	1000:1	$361	E1	82.5	4.4-4.0/2.0	10.43	N,68	A603
	3600	575	143T	**E835**	143TTTN4005		1000:1	$361	E1	86.5	1.6	10.43	N	A603
	1800	200	145T	**U601**	145TTTN4032		1000:1	$380	E1	84.0	5.1	11.43	N	A655
	1800	208-230/460	145T	**E837**	145TTTC4026	★	1000:1	$380	E1	84.0	4.6-4.2/2.1	11.43	DS,N,68	A655
	1800	575	145T	**E839**	145TTTN4035	★	1000:1	$380	E1	84.0	1.8	11.43	N	A655
	1200	230/460	182T	**E823**	182TTFS4076	★	10:1	$449	E1	85.5	5.0/2.5	14.81	68	A644
	900	230/460	184T	L410	184TTFS8102	★	----	$762	E6	74.0	5.8/2.9	15.81	68	A644
2	3600	200	145T	**E841**	145TTTN4003		1000:1	$418	E1	86.5	6.0	11.43	N	A655
	3600	208-230/460	145T	**E842**	145TTTN4001	★	1000:1	$418	E1	84.0	5.8-5.4/2.7	11.43	N,68	A655
	3600	575	145T	**E844**	145TTTN4005		1000:1	$418	E1	86.5	2.1	11.43	N	A655
	1800	200	145T	**U606**	145TTTN4030		1000:1	$418	E1	85.5	6.9	11.43	N	A655
	1800	208-230/460	145T	**E846**	145TTTC4027	★	1000:1	$418	E1	84.0	6.0-5.6/2.8	11.43	DS,N,68	A655
	1800	575	145T	**E848**	145TTTN4040	★	1000:1	$418	E1	85.5	2.4	11.43	N	A655
	1200	230/460	184T	**E849**	184TTFS4076	★	10:1	$495	E1	86.5	6.0/3.0	15.81	68	A644
	900	230/460	213T	L411	213TTFS8103	★	----	$1,070	E6	80.0	8.0/4.0	18.22	68	A206
3	3600	208-230/460	182T	**U602**	182TTFS4001	★	2:1	$471	E1	85.5	8.6-7.4/3.7	14.81	68	A644
	3600	575	182T	**U604**	182TTFS4005		2:1	$471	E1	85.5	3.0	14.81		A644
	1800	208-230/460	182T	**U607**	182TTFC4026	★	10:1	$447	E1	87.5	8.4-7.6/3.8	14.81	DS,68	A644
	1800	575	182T	**U609**	182TTFS4030	★	10:1	$447	E1	87.5	3.4	14.81		A644
	1200	208-230/460	213T	**U610**	213TTFC4076	★	10:1	$654	E1	88.5	9.8-9.4/4.7	18.19	DS,68	A652
	900	230/460	215T	L421	215TTFS8101	★	----	$1,394	E6	81.5	11.4/5.7	19.72	68	A206
5	3600	208-230/460	184T	**U613**	184TTFS4001	★	2:1	$582	E1	87.5	13.0-12.4/6.2	15.81	68	A644
	3600	575	184T	**U615**	184TTFS4005	★	2:1	$582	E1	87.5	4.9	15.81		A644
	1800	208-230/460	184T	**U618**	184TTFC4026	★	10:1	$520	E1	87.5	14.0-13.0/6.5	15.81	DS,68	A644
	1800	575	184T	**U620**	184TTFS4030	★	10:1	$520	E1	87.5	5.2	15.81		A644
	1200	208-230/460	215T	**U621**	215TTFC4076	★	10:1	$942	E1	89.5	16.2-16.0/8.0	19.61	DS,68	A652
	900	230/460	254T	L412	254TTFPA8102	★	----	$1,924	E6	84.0	17.0/8.5	23.69	68	A239
7 1/2	3600	230/460	213T	**U624**	213TTFS4001	★	2:1	$762	E1	88.5	19.0/9.5	18.20	68	A206
	3600	575	213T	**U671**	213TTFS4005	★	2:1	$762	E1	88.5	7.6	18.20		A206
	1800	208-230/460	213T	**U629**	213TTFC4026	★	10:1	$746	E1	89.5	21.0-19.6/9.8	18.20	DS,68	A206
	1800	575	213T	**U631**	213TTFS4030	★	10:1	$746	E1	89.5	8.0	18.20		A206
	1200	208-230/460	254T	**U633**	254TTFC4076	★	10:1	$1,239	E1	89.5	21.0-20.0/10.0	23.19	DS,68	A653
	900	230/460	256T	L413	256TTFPA8102	★	----	$2,449	E6	84.0	24.0/12.0	25.44	68	A239

Blue shaded areas are Cast Iron Frames

Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EPAct and/or NRCan Canadian standards.

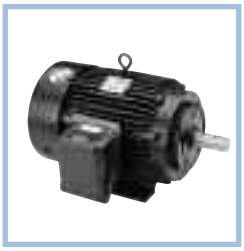
*** Requires nameplate modification**

Continued on next page.

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

General Purpose, Three Phase

MARS SERIES **555**



Applications: General purpose use on pumps, fans, blowers, compressors, conveyors, and other industrial machinery installed in damp, dusty, or dirty environments. Additionally, cast iron frame motors may be suitable for the process industries.

Features:

- 1.15 Service Factor
- Nameplated 60/50 hertz at next lowest horsepower
- Will accept C-Face Kits as noted, also see Accessories section
- Severe duty kits available, see Accessories section
- Shaft slinger, regreasable bearings (182T and larger), lead lugs (364T and larger), and bearing caps on 444T and larger
- Ball bearings, except where noted
- UL Recognized and CSA Certified
- Two year warranty on EPAct efficient motors (bold blue Catalog Numbers)

Inverter Duty

Totally Enclosed, Standard and EPAct Efficiencies, Rigid Base

Suitable for use on VFD per guidelines on page 18.

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	CT SPEED RANGE*	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES	C-FACE KITS
10	3600	230/460	215T	**U636**	215TTFS4001	★	2:1	$889	E1	90.2	24.0/12.0	19.70	68	A206
	3600	575	215T	**U637**	215TTFS4005		2:1	$889	E1	90.2	9.6	19.70		A206
	1800	208-230/460	215T	**U639**	215TTFC4026	★	10:1	$904	E1	89.5	28.4-25.6/12.8	19.70	DS,68	A206
	1800	575	215T	**U641**	215TTFS4030	★	10:1	$904	E1	89.5	10.0	19.70		A206
	1200	208-230/460	256T	**U642**	256TTFC4076	★	10:1	$1,579	E1	89.5	28.3-26.2/13.1	24.92	DS,68	A653
	900	230/460	284T	L414	284TTFPA8102	★	----	$2,902	E6	84.0	31.0/15.5	26.26	68	A239
15	3600	230/460	254T	**U644**	254TTFPA4001	★	2:1	$1,234	E1	90.2	36.0/18.0	23.69	68	A239
	3600	575	254T	**U638**	254TTFPA4005		2:1	$1,234	E1	90.2	14.4	23.69		A239
	1800	230/460	254T	**U647**	254TTFC4026	★	10:1	$1,226	E1	91.0	38.0/19.0	23.69	d,DS,68	A601
	1800	208-230/460	254T	U1647	254TTFCA4026	★	10:1	$1,226	E1	91.7	40.0-37.0/18.5	23.70	DS,68	A284
	1800	575	254T	**U648**	254TTFNA4030	★	10:1	$1,226	E1	91.0	15.6	23.52		A284
	1200	208-230/460	284T	**E978**	284TTFC4076	★	10:1	$2,132	E1	90.2	44.7-40.4/20.2	26.26	DS,68	A654
	900	230/460	286T	L415	286TTFPA8102	★	----	$3,813	E6	86.5	45.0/22.5	28.97	68	A617
20	3600	230/460	256T	**U649**	256TTFNA4001	★	2:1	$1,620	E1	90.2	47.0/23.5	25.27	68	A284
	3600	575	256T	**U650**	256TTFNA4005		2:1	$1,620	E1	90.2	18.8	25.27		A284
	1800	230/460	256T	**U652**	256TTFC4026	★	10:1	$1,509	E1	91.0	51.0/25.5	25.11	d,DS,68	A601
	1800	208-230/460	256T	U1652	256TTFCA4026	★	10:1	$1,509	E1	91.7	53.0-48.0/24.0	25.43	DS,68	A284
	1800	575	256T	**U653**	256TTFNA4030	★	10:1	$1,509	E1	91.0	20.0	25.27		A284
	1200	208-230/460	286T	**E968**	286TTFC4076	★	10:1	$2,547	E1	90.2	58.2-52.6/26.3	27.83	DS,68	A654
	900	230/460	324T	L416	324TTFPA8104	★	----	$4,595	E6	87.5	64.0/32.0	28.97	d,68	A619
25	3600	230/460	284TS	**E975**	284TSTFPA4001	★	2:1	$1,957	E1	91.0	60.0/30.0	24.89	68	A617
	3600	575	284TS	**U654**	284TSTFPA4005		2:1	$1,957	E1	91.0	24.0	24.89		A617
	1800	208-230/460	284T	E1961	284TTFCA4026	★	10:1	$1,778	E1	93.0	68.0-60.0/30.0	27.83	DS,68	A615
	1800	208-230/460	284TS	**E999**	284TSTFPA4036	★	10:1	$1,778	E1	92.4	68.0-63.0/31.5	24.89	68	A617
	1800	575	284T	**E800**	284TTFPA4030	★	10:1	$1,778	E1	92.4	24.8	26.27		A617
	1800	200	284T	U655	284TTFPA4028		10:1	$1,778	E1	92.4	71.0	31.87		A617
	1200	230/460	324T	**E820**	324TTFPA4076	★	2:1	$3,089	E1	91.7	67.0/33.5	28.97	68	A619
	900	230/460	326T	L417	326TTFPA8107	★	----	$5,442	E6	88.5	78.0/39.0	30.32	68	A619

Blue shaded areas are Cast Iron Frames

*** Requires nameplate modification**

Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EPAct and/or NRCan Canadian standards.

MARATHON

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

General Purpose, Three Phase

MARS SERIES **555**

Applications: General purpose use on gear reducers, pumps, machine tools, and other direct-coupled equipment installed in damp, dusty, or dirty environments. Additionally, cast iron frame motors may be suitable for the process industries.

Features:

- Ball bearings, mechanically locked on shaft end
- Rated 60/50 hertz, 190/380 or 380 volt, at next lower horsepower (as noted)
- 1.15 Service Factor (except as noted)
- Rolled steel 56-145T frame motors accept brake kits, see Accessories section
- UL Recognized and CSA Certified

Inverter Duty

Totally Enclosed, Standard Efficiency, C-Face Footless

Suitable for use on VFD per guidelines on page 18.

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	FORMER NO.	FORMER MODEL NO.	CT SPEED RANGE*	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES
1/4	1800	208-230/460	56C	K252	5K49DN4130	★	G547	56T17F2042	------	$222	F1	67.4	1.1-1.2/0.6	9.52	N,20,24,68
	1800	575	56C	K405	56T17F2047				------	$222	F1	62.0	0.5	9.94	24
1/3	3600	208-230/460	56C	P101	56T34T5306	★	K228	5K33FN41	2:1	$192	F1	64.0	1.7-2.0/1.0	9.94	N,68
	1800	208-230/460	56C	K253	5K33JNA943	★	G502	56T17F2041	------	$237	F1	68.8	1.5-1.6/0.8	10.60	24,68,111
	1800	575	56C	K522	5K33KN67	★	G503	56T17F2048	------	$237	F1	71.1	0.6	10.60	20,24,68
1/2	3600	208-230/460	56C	P102	56T34F5321	★	K229	5K35JN46	2:1	$213	F1	66.0	2.1-2.2/1.1	11.82	68
	1800	208-230/460	56C	K254	5K35MNB114	★	G507	56T17F2036	------	$276	F1	76.1	2.1-2.2/1.1	10.93	19,24
	1800	575	56C	K469	5K42HN4137	★	G508	56T17F2049	------	$276	F1	76.9	0.8	11.01	19,24,68
	1200	208-230/460	56C	K1316	5K49MN6020	★			------	$434	F1	72.0	2.6-2.6/1.3	11.44	19,24
3/4	3600	208-230/460	56C	P103	56T34F5322	★	K231	5K36MN340	2:1	$253	F1	72.0	3.0-3.2/1.6	11.82	68
	1800	208-230/460	56C	K255	5K36PNB116	★	G522	56T17F2038	------	$304	F1	78.9	2.8-2.8/1.4	11.36	19,24,68
	1800	575	56C	K523	5K36PN254	★	G523	56T17F2050	------	$304	F1	73.4	1.3	11.36	19,24,68
	1200	208-230/460	143TC	K1318	5K49PN8030	★			------	$449	E6	76.1	2.9-2.8/1.4	12.56	24
	1200	208-230/460	56C	K1317	5K49PN6025	★			------	$442	F1	76.1	2.9-2.9/1.4	12.44	24
	1200	208-230/460	56C	K404	56T11F5320				2:1	$367	F1	74.0	3.1-3.2/1.6	12.32	68
1	3000	208-220/440	56C	K633	5K36MN4152	★			------	$374	F1	77.0	3.6-3.6/1.8	11.36	17,24,68
	3600	208-230/460	56C	P104	56T34F5323	★	K233	5K38RN44	2:1	$283	F1	74.0	3.7-3.7/1.85	11.82	68
	1800	208-230/460	56C	K256	5K49MN4104	★	G527	56T17F5310	------	$311	F1	79.2	3.6-3.8/1.9	11.44	19,24,68
	1800	208-230/460	143TC	C220	143TTFR5329	★	K2029	5KE46PN8371	2:1	$326	E6	77.0	3.5-3.6/1.8	12.37	68
	1800	575	56C	K524	5K49MN4112	★	G528	56T17F5319	------	$311	F1	78.2	1.7	11.44	19,24
	1800	575	143TC	C230	143TTFR5333				2:1	$326	E6	77.0	1.5	12.37	68
	1200	208-230/460	145TC	C250	145TTFR5378	★	K2035	5KE49UN8397	2:1	$408	E6	77.0	3.95-4.0/2.0	12.87	68
	1200	208-230/460	56C	K1490	5K49PN6164	★			------	$452	F1	74.2	3.9-3.8/1.9	12.44	24
	1200	208-230/460	56C	K407	56T11F5321				2:1	$392	F1	77.0	3.8-3.6/1.8	12.82	68
1 1/2	3600	208-230/460	56C	P105	56T34F5324	★	K642	5K49JN2534	2:1	$329	F1	80.0	4.6/2.3	11.82	68
	3600	208-230/460	56C	KG235	5K49PN2348	★			------	$406	F1	81.7	4.8-4.2/2.1	12.44	24,68,111
	3600	208-230/460	143TC	C201	143TTFR5302	★	K2025	5KE49PN8395	2:1	$337	E6	80.0	4.7-4.6/2.3	11.87	68
	1800	208-230/460	56C	K257	5K49SN4117	★	G541	56T17F5311	------	$341	F1	81.7	4.7-4.4/2.2	12.44	19,24,68
	1800	208-230/460	145TC	C221	145TTFR5332	★	K2048	5KE49TN8374	2:1	$379	E6	80.0	4.8-4.8/2.4	12.37	68
	1800	575	56C	G548	56T17F5320				2:1	$341	F1	80.0	1.9	12.32	68
	1800	575	145TC	C231	145TTFR5340				2:1	$379	E6	80.0	1.9	12.37	68
	1200	230/460	182TC	C1251	182TTFW7094		C251	182TTFR7094	2:1	$479	E6	75.5	5.0/2.5	17.93	F,68
2	3600	208-230/460	56C	P106	56T34F5325	★	K637	5K46MN2533	2:1	$382	F1	80.0	6.0-6.0/3.0	12.32	68
	3600	208-230/460	56C	KG237	5K49SN2187	★			------	$465	F1	83.0	5.8-5.4/2.7	12.97	24,68,110
	3600	208-230/460	145TC	C202	145TTFR5302	★	K2027	5KE49TN8400	2:1	$392	E6	80.0	6.0-6.0/3.0	12.37	68
	1800	208-230/460	56C	K1491	5K49ZN4253	★	G544	56T17F5312	------	$368	F1	83.6	6.2-5.8/2.9	14.25	24,68
	1800	208-230/460	56C	K2090	5KE49WN4601	★			10:1	$425	F1	84.0	6.0-6.2/3.1	13.69	d,68
	1800	208-230/460	145TC	K330	5K49ZN8079	★	C222	145TTFR5334	------	$405	E6	83.6	6.2-5.8/2.9	14.40	24,68
	1800	208-230/460	145TC	K2033	5KE48WN8365	★			------	$499	E6	84.0	6-5.6/2.8	13.84	24,68
	1800	208-230/460	145TC	K2043	5KE49UN8428	★			------	$452	E6	84.0	6.4-6.0/3.0	12.62	24,68
	1800	208-230/460	145TC	K2084	5KE49WN8413	★			10:1	$434	E6	84.0	6.0-6.2/3.1	13.75	d,68
	1800	575	56C	G549	56T17F5329				2:1	$368	F1	82.5	2.3	13.82	68
	1800	575	145TC	C232	145TTFR5341				2:1	$405	E6	82.5	2.3	13.87	68
	1200	230/460	184TC	C1252	184TTFW7082		C252	184TTFR7082	2:1	$539	E6	80.0	6.7/3.35	15.69	F,24,68

*** Requires nameplate modification**

Continued on next page.

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

General Purpose, Three Phase

MARS SERIES **555**

Applications: General purpose use on gear reducers, pumps, machine tools, and other direct-coupled equipment installed in damp, dusty, or dirty environments. Additionally, cast iron frame motors may be suitable for the process industries.

Features:

- Ball bearings, mechanically locked on shaft end
- Rated 60/50 hertz, 190/380 or 380 volt, at next lower horsepower (as noted)
- 1.15 Service Factor (except as noted)
- Rolled steel 56-145T frame motors accept brake kits, see Accessories section
- UL Recognized and CSA Certified

Inverter Duty

Totally Enclosed, Standard Efficiency, C-Face Footless

Suitable for use on VFD per guidelines on page 18.

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	FORMER NO.	FORMER MODEL NO.	CT SPEED RANGE*	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES
3	3600	208-230/460	56C	P107	56T34F5326	★	K239	5K49ZN2189	2:1	$414	F1	84.0	8.4-7.6/3.8	13.32	68
	3600	208-230/460	145TC	C236	145TTFR5307	★	K2042	5KE48WN8427	2:1	$422	E6	84.0	8.4-7.6/3.8	13.37	68
	3600	208-230/460	182TC	C203	182TTFR7325	★			2:1	$500	E6	82.5	8.6-7.8/3.9	15.69	d,F,24,68
	3600	208-230/460	182TC	C1203	182TTFW7325	★			2:1	$500	E6	82.5	8.6-7.8/3.9	12.97	
	1800	208-230/460	182TC	C223	182TTFR7634	★			2:1	$480	E6	82.5	9.0-8.0/4.0	15.69	d,F,24,68
	1800	208-230/460	182TC	C1223	182TTFW7634	★			2:1	$480	E6	82.5	10.4-9.8/4.9	12.97	
	1800	230/460	56C	K640	5K49QN4609	★	K406	56T17F5328	------	$453	F1	84.7	8.2/4.1	14.89	17,24,68
	1800	230/460	145TC	C260	145TTFR5344				2:1	$461	E6	84.0	8.6/4.3	14.87	17,68
	1200	230/460	213TC	C253	213TTFW7096				2:1	$684	E6	81.5	9.6/4.8	19.46	F,24,68
5	3600	208-230/460	184TC	C1204	184TTFW8002	★			2:1	$574	E6	85.5	13.6-12.4/6.2	13.97	13,68
	1800	208-230/460	184TC	C224	184TTFR8641	★			2:1	$539	E6	86.5	13.6-13.0/6.5	16.69	F,20,24
	1800	208-230/460	184TC	C1224	184TTFW8641	★			2:1	$539	E6	87.5	16-14.8/7.4	13.97	13,68
	1200	208-230/460	215TC	C254	215TTFW7096				2:1	$953	E6	84.0	16.0-14.8/7.4	20.96	20,24
7 1/2	3600	208-230/460	184TC	C238	184TTFR8617	★			2:1	$688	E6	85.5	20.0-19.0/9.5	16.69	F,24
	3600	208-230/460	184TC	C1238	184TTFW8617	★			2:1	$688	E6	86.5	19.9-18.4/9.2	14.97	13,68
	3600	208-230/460	213TC	C205	213TTFW7007	★			2:1	$759	E6	84.0	21.0-19.2/9.6	19.46	F,20,24
	1800	208-230/460	213TC	C225	213TTFW7046	★			2:1	$666	E6	87.5	22.0-19.4/9.7	19.46	F,20,24
	1200	230/460	254TC	C255	254TTFL5082				----	$1,288	E6	82.5	20.8/10.4	23.24	AL,F,24
10	300	208-230/460	215TC	C206	215TTFW7302	★			2:1	$908	E6	86.5	27.0-24.0/12.0	20.96	F,20,24
	1800	208-230/460	215TC	C226	215TTFW7046	★			2:1	$875	E6	88.5	28.0-25.0/12.5	20.96	F,20,24
	1200	230/460	256TC	C256	256TTFPA7694				----	$1,592	E6	84.0	27.6/13.8	25.94	F,24
15	3600	208-230/460	215TC	C237	215TTFW7021	★			2:1	$1,154	E6	88.5	40.0-37.0/18.5	20.96	F,20,24
	3600	230/460	254TC	C207	254TTFL5020				----	$1,255	E6	85.5	36.0/18.0	23.24	AL,F,24
	1800	208-230/460	254TC	C227	254TTFL5040	★			----	$1,243	E6	88.5	43.0-38.5/19.3	23.24	AL,F,24

Blue shaded areas are Cast Iron Frames

*** Requires nameplate modification**

MARATHON

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

General Purpose, Three Phase

MARS SERIES **555**

Features:

- Ball bearings, mechanically locked on shaft end
- 1.15 Service Factor (except as noted)
- Class F insulation (except as noted)
- Rated 60/50 hertz, 190/380 or 380 volt, at next lower horsepower (as noted)
- 56-145T frame motors, accept brake kits, see accessory kits
- UL Recognized and CSA Certified
- Two year warranty on EPAct efficient (bold blue catalog numbers)

◆ Additional features for "Four-In-One" motors only:

- CR200 Corona resistant magnet wire
- Bolt-on, removable rigid base
- Suitable for horizontal and vertical mounting
- Will accept drip cover kits, see Accessories section

Inverter Duty

Totally Enclosed, Standard and EPAct Efficiencies, C-Face Footed (Rigid and Removable Base)

Suitable for use on VFD per guidelines on page 18.

HP	RPM	VOLTS	FRAME	"FOUR-IN-ONE"	MARS NO.	MODEL NO.	STOCK	FORMER NO.	FORMER MODEL NO.	CT SPEED RANGE*	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES
1/4	1800	208-230/460	56C		G565	56T17F2051				2:1	$226	F1	62.5	1.2-1.4/0.7	9.94	BI,24,68
	1200	208-230/460	56C	◆	G586	56T11F5311	★	K1314	5K42HN6023	2:1	$321	F2	52.5	1.7-2.0/1.0	11.31	6,13,68
1/3	3600	208-230/460	56C	◆	D390	56T34T5303	★			1000:1	$203	F2	66.0	1.7-1.8/0.9	10.43	N,6,13,24,68
	3600	575	56C	◆	K702	56T34T5309	★			1000:1	$203	F2	64.0	0.8	9.93	d,N,6,13,24
	1800	208-230/460	56C		K1322	5K42FN4035	★	G560	56T17F2052	------	$253	F1	69.2	1.5-1.6/0.8	11.01	20,24,68
	1800	208-230/460	56C	◆	G580	56T17T5305	★			1000:1	$260	F2	68.0	1.4-1.6/0.8	9.93	N,6,13,24,68
	1800	575	56C	◆	K703	56T17T5316	★			1000:1	$260	F2	68.0	0.7	9.93	N,6,13,24
	1200	208-230/460	56C	◆	G587	56T11F5310	★	K1315	5K42HN6024	10:1	$338	F2	62.0	1.9-2.2/1.1	11.31	6,13,68
1/2	3600	208-230/460	56C		G569	56T34F5308				2:1	$218	F1	66.0	2.1-2.2/1.1	11.82	BI,13,68
	3600	208-230/460	56C	◆	D391	56T34F5301	★	K1323	5K42FN2048	10:1	$226	F2	66.0	2.1-2.2/1.1	11.81	6,13,68
	3600	575	56C	◆	K704	56T34F5348	★			10:1	$226	F2	66.0	0.9	11.81	6,13
	1800	208-230/460	56C		K1324	5K42HN4034	★	G561	56T17F2039	------	$280	F1	74.7	2.3-2.2/1.1	11.01	19,24,68
	1800	208-230/460	56C	◆	G581	56T17F5321	★			10:1	$288	F2	68.0	2.3-2.4/1.2	11.81	6,13,68
	1800	575	56C	◆	K705	56T17F5336	★			10:1	$288	F2	68.0	1.0	11.81	6,13
	1200	208-230/460	56C	◆	G588	56T11F5309	★	K1325	5K49MN6021	10:1	$368	F2	68.0	2.4-2.7/1.35	11.81	6,13,68
3/4	3600	208-230/460	56C	◆	D392	56T34F5302	★	K499	5K36MN342	4:1	$264	F2	68.0	3.0-3.2/1.6	11.81	6,13,68
	3600	575	56C	◆	K706	56T34F5349	★			4:1	$264	F2	68.0	1.3	11.81	6,13
	1800	208-230/460	56C		K258	5K49KN4124	★	G562	56T17F2040	-----	$309	F1	74.3	3.3-3.0/1.5	11.41	19,24,68
	1800	208-230/460	56C	◆	G582	56T17F5322	★			10:1	$315	F2	75.5	2.6-3.0/1.5	11.81	6,13,68
	1800	575	56C	◆	K707	56T17F5337	★			10:1	$315	F2	75.5	1.2	11.81	6,13
	1200	208-230/460	56C	◆	G589	56T11F5308	★	K1326	5K49PN6022	4:1	$379	F2	74.0	3.1-3.2/1.6	12.31	6,13,68
1	3600	208-230/460	56C		K500	5K38RN106	★	K803	56T34F5310	------	$287	F1	78.5	3.2-3.0/1.5	12.4	19,24,68
	3600	208-230/460	56C	◆	D393	56T34F5303	★			4:1	$294	F2	74.0	3.7-3.7/1.85	11.81	6,13,68
	3600	575	56C	◆	K708	56T34F5350	★			4:1	$294	F2	77.0	1.5	11.81	6,13
	1800	208-230/460	56C		K259	5K49MN4110	★	G563	56T17F5315	------	$314	F1	79.2	3.6-3.8/1.9	11.41	19,24,68
	1800	230/460	143TC		U701	143TTFR4032	★	K2032	5KE49PN8381A	10:1	$382	E8	82.5	3.0/1.5	12.87	13,68
	1800	208-230/460	143TC		K2039	5KE49UN8429	★			------	$413	E8	77.0	3.4-3.2/1.6	12.12	24
	1800	208-230/460	56HC	◆	G583	56T17F5323	★			10:1	$322	F2	77.0	3.5-3.6/1.8	12.31	5,6,13,68
	1800	575	56HC	◆	K709	56T17F5338	★			4:1	$322	F2	77.0	1.5	12.31	5,6,13
	1200	208-230/460	145TC		K2036	5KE49UN8392	★			------	$501	E8	75.4	3.9-4.0/2.0	13.84	24
	1200	208-230/460	56HC	◆	K701	56T11F5307	★	K1222	5K48WN6397	4:1	$405	F2	77.0	3.95-4.0/2.0	12.81	5,6,13,68

*** Requires nameplate modification**

Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EPAct and/or NRCan Canadian standards.

Continued on next page.

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

General Purpose, Three Phase

MARS SERIES **555**

Features:

- Ball bearings, mechanically locked on shaft end
- 1.15 Service Factor (except as noted)
- Class F insulation (except as noted)
- Rated 60/50 hertz, 190/380 or 380 volt, at next lower horsepower (as noted)
- 56-145T frame motors, accept brake kits, see accessory kits
- UL Recognized and CSA Certified
- Two year warranty on EPAct efficient (bold blue catalog numbers)

◆ Additional features for "Four-In-One" motors only:

- CR200 Corona resistant magnet wire
- Bolt-on, removable rigid base
- Suitable for horizontal and vertical mounting
- Will accept drip cover kits, see Accessories section

Inverter Duty

Totally Enclosed, Standard and EPAct Efficiencies, C-Face Footed (Rigid and Removable Base)

Suitable for use on VFD per guidelines on page 18.

HP	RPM	VOLTS	FRAME	"FOUR-IN-ONE"	MARS NO.	MODEL NO.	STOCK	FORMER NO.	FORMER MODEL NO.	CT SPEED RANGE*	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES
1 1/2	3600	230/460	143TC		U733	143TTFR4010	★	K2026	5KE49PN8404	2:1	$408	E8	82.5	4.0/2.0	12.87	68
	3600	208-230/460	56C	◆	D394	56T34F5304	★	K1328	5K49KN2047	2:1	$351	F2	80.0	4.7-4.6/2.3	11.81	6,13,68
	3600	575	56C	◆	K721	56T34F5351	★			2:1	$351	F2	80.0	1.8	11.81	6,13
	1800	200	145TC		U703	145TTFR4046				10:1	$388	E8	84.0	5.1	14.37	
	1800	208-230/460	56HC		K260	5K49SN4119	★	G564	56T17F5316	------	$345	F1	81.7	4.7-4.4/2.2	12.44	19,24,50
	1800	230/460	145TC		U704	145TTFR4058	★	K2031	5KE49TN8373	10:1	$388	E8	84.0	4.4/2.2	14.37	68
	1800	575	145TC		U705	145TTFR4052				10:1	$388	E8	84.0	1.8	14.37	6
	1800	208-230/460	56HC	◆	G584	56T17F5324	★			10:1	$352	F2	80.0	4.8-4.8/2.4	12.31	5,6,13,68
	1800	575	56HC	◆	K722	56T17F5339	★			2:1	$352	F2	80.0	1.9	12.31	5,6,13
	1200	230/460	56HC	◆	K700	56T11F5328	★	K1221	5K49QN6396	2:1	$430	F2	77.5	5.8/2.9	14.32	5,6,13,17
2	3600	230/460	145TC		U735	145TTFR4009	★	K2028	5KE48TN8396	2:1	$447	E8	84.0	5.2/2.6	13.37	68
	3600	208-230/460	56HC	◆	D395	56T34F5305	★	K501	5K49SN2185	2:1	$405	F2	80.0	6.0-6.0/3.0	12.31	5,6,13,68
	3600	575	56HC	◆	K723	56T34F5352	★			2:1	$405	F2	80.0	2.4	12.31	5,6,13
	1800	200	145TC		U706	145TTFR4070				10:1	$416	E8	84.0	6.4	13.87	
	1800	208-230/460	56HC		K806	56T17F5330				2:1	$384	F1	82.5	6.0-5.8/2.9	13.82	BI,5,68
	1800	208-230/460	56C		K2089	5KE49WN4603	★			10:1	$430	F1	84.0	6.0-5.6/2.8	13.69	d,18,68
	1800	230/460	145TC		U707	145TTFR4040	★	K2034	5KE48WN8362	10:1	$416	E8	84.0	5.6/2.8	13.87	68
	1800	575	145TC		U708	145TTFR4126				10:1	$416	E8	84.0	2.2	13.87	
	1800	208-230/460	56HC	◆	G585	56T17F5325	★			4:1	$383	F2	82.5	6.0-5.8/2.9	13.81	5,6,13,68
	1800	575	56HC	◆	K724	56T17F5340	★			4:1	$383	F2	82.5	2.3	13.81	5,6,13
	1200	230/460	184TC	◆	C380	184TTFR4380	★			10:1	$693	E8	86.5	6.0/3.0	16.50	d,6,24,68
	1200	230/460	184TC	◆	C1380	184TTFW4380	★			10:1	$693	E8	86.5	6.0/3.0	16.50	6,13,24,68
3	3600	200	182TC		U1736	182TTFW4013		U736	182TTFR4013	2:1	$582	E8	85.5	8.5	15.69	24,13
	3600	230/460	182TC		U1737	182TTFW4007		U737	182TTFR4007	2:1	$642	E8	85.5	7.4/3.7	15.69	13,24,68
	3600	230/460	145TC		K2088	5KE49WN8419	★			10:1	$513	E8	85.5	7.6/3.8	13.75	d,18
	3600	208-230/460	56HC	◆	D396	56T34F5306	★			2:1	$450	F2	84.0	8.4-7.6/3.8	13.31	5,6,13,68
	3600	575	56HC	◆	K725	56T34F5353	★			2:1	$450	F2	84.0	3.1	13.31	5,6,13
	3600	208-230/460	182TC	◆	C381	182TTFR4320	★			10:1	$707	E8	85.5	8.2-7.4/3.7	15.50	d,6,24,68
	3600	208-230/460	182TC	◆	C1381	182TTFW4320	★			10:1	$707	E8	85.5	8.2-7.4/3.7	15.50	6,13,24,68
	1800	230/460	56HCZ	◆	G590	56T17F5355	★			------	$430	F2	85.5	8.6/4.3	14.87	Z,5,6,13,17,68
	1800	575	56HCZ	◆	G591	56T17F5356				2:1	$430	F2	85.5	3.4	14.87	Z,5,6,13,17
	1800	208-230/460	182TC	◆	C382	182TTFR4340	★			10:1	$632	E8	87.5	9.0-8.4/4.2	15.50	d,6,24,68
	1800	208-230/460	182TC	◆	C1382	182TTFW4340	★			10:1	$632	E8	87.5	9.0-8.4/4.2	15.50	6,13,24,68
	1800	208-230/460	182TC		U1710	182TTFW4042		U710	182TTFR4042	10:1	$574	E8	87.5	9.0-8.4/4.2	15.69	13,24,68
	1800	575	182TC	◆	C383	182TTFR4345	★			10:1	$632	E8	87.5	3.4	15.50	d,6,24
	1800	575	182TC	◆	C1383	182TTFW4345	★			10:1	$632	E8	87.5	3.4	15.50	6,13,24
	1200	208-230/460	213TC	◆	C384	213TTFW4380				10:1	$884	E8	87.5	9.6-9.2/4.6	20.97	6,24,68

*** Requires nameplate modification**

Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EPAct and/or NRCan Canadian standards.

Continued on next page.

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

General Purpose, Three Phase

MARS SERIES **555**

Features:

- Ball bearings, mechanically locked on shaft end
- 1.15 Service Factor (except as noted)
- Class F insulation (except as noted)
- Rated 60/50 hertz, 190/380 or 380 volt, at next lower horsepower (as noted)
- 56-145T frame motors, accept brake kits, see accessory kits
- UL Recognized and CSA Certified
- Two year warranty on EPAct efficient (bold blue catalog numbers)

Inverter Duty

◆ Additional features for "Four-In-One" motors only:

- CR200 Corona resistant magnet wire
- Bolt-on, removable rigid base
- Suitable for horizontal and vertical mounting
- Will accept drip cover kits, see Accessories section

Totally Enclosed, Standard and EPAct Efficiencies
C-Face Footed (Rigid and Removable Base)

Suitable for use on VFD per guidelines on page 18.

HP	RPM	VOLTS	FRAME	"FOUR-IN-ONE"	MARS NO.	MODEL NO.	STOCK	FORMER NO.	FORMER MODEL NO.	CT SPEED RANGE*	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES
5	3600	200	184TC		U1738	184TTFW4013		U738	184TTFR4013	2:1	$684	E8	87.5	14.2	16.69	24,13
	3600	230/460	184TC		U1739	184TTFW4007		U739	184TTFR4007	2:1	$684	E8	87.5	12.4/6.2	16.69	13,24,68
	3600	208-230/460	184TC	◆	C385	184TTFR4320	★			10:1	$755	E8	87.5	13.5-12.5/6.2	16.50	d,6,24,68
	3600	208-230/460	184TC	◆	C1385	184TTFW4320	★			10:1	$755	E8	87.5	13.4-12.2/6.1	14.47	13,24,68
	1800	230/460	184TC	◆	C386	184TTFR4340	★			10:1	$666	E8	87.5	13.0/6.5	16.50	d,6,24,68
	1800	230/460	184TC	◆	C1386	184TTFW4340	★			10:1	$666	E8	87.5	14.8/7.4	13.97	13,24,68
	1800	208-230/460	184TC		U1713	184TTFW4044		U713	184TTFR4044	10:1	$625	E8	87.5	15.9-14.8/7.4	16.69	13,24,68
	1800	575	184TC	◆	C387	184TTFR4345	★			10:1	$666	E8	87.5	5.2	16.50	d,6,24
	1800	575	184TC	◆	C1387	184TTFW4345	★			10:1	$666	E8	87.5	5.2	16.50	6,13,24,68
	1200	208-230/460	215TC	◆	C388	215TTFW4380	★			10:1	$1,054	E8	87.5	15.0-14.0/7.0	22.22	6,13,24,68
7 1/2	3600	200	213TC		U740	213TTFW4007				2:1	$896	E8	89.5	21.2	20.97	24
	3600	230/460	213TC		U741	213TTFW4020				2:1	$896	E8	89.5	18.4/9.2	19.47	24, 68
	3600	575	213TC		U742	213TTFW4008				2:1	$896	E8	89.5	7.4	20.97	24
	3600	208-230/460	213TC	◆	C389	213TTFW4320	★			10:1	$980	E8	89.5	20.0-18.4/9.2	20.97	6,24,68
	1800	208-230/460	213TC		U716	213TTFW4045	★			10:1	$809	E8	89.5	21.6-20.0/10.0	19.47	24,68
	1800	208-230/460	213TC	◆	C390	213TTFW4340	★			10:1	$884	E8	89.5	21.6-20.0/10.0	20.97	6,24,68
	1800	575	213TC	◆	C391	213TTFW4345	★			10:1	$884	E8	89.5	8.0	20.97	6,24
10	3600	200	215TC		U743	215TTFW4013				2:1	$947	E8	89.5	27.6	20.97	24
	3600	230/460	215TC		U744	215TTFW4020				2:1	$947	E8	89.5	24.0/12.0	20.97	24,68
	3600	208-230/460	215TC	◆	C392	215TTFW4320	★			10:1	$1,020	E8	89.5	27.0-24.0/12.0	20.97	6,24,68
	1800	200	215TC		U718	215TTFW4033				10:1	$895	E8	89.5	29.9	20.97	24
	1800	208-230/460	215TC	◆	C393	215TTFW4340	★			10:1	$972	E8	89.5	28.0-26.0/13.0	20.97	6,24,68
	1800	575	215TC	◆	C394	215TTFW4345				10:1	$972	E8	89.5	10.4	20.97	6,24
	1200	230/460	256TC		U757	256TTFL4079				10:1	$1,684	E8	89.5	26.0/13.0	26.99	AL,24,68

Blue shaded areas are Cast Iron Frames *** Requires nameplate modification**

Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EPAct and/or NRCan Canadian standards.

Brake Kits for 56-143-145 frames ONLY

Torque (lb-ft)	Coil Voltage	MARS No.	STOCK	List (loose)	List (installed)	MULT. SYMB.	Weight
3	208-230/460	A301	★	$355	$563	S4	7
	208-230/460	A1301	★	$355	$563	S4	7
	575	A297	★	$355	$563	S4	7
	575	A1297	★	$355	$563	S4	7
6	208-230/460	A302	★	$419	$632	S4	7
	208-230/460	A1302	★	$419	$632	S4	7
	575	A298	★	$419	$632	S4	7
	575	A1298	★	$419	$632	S4	7
10	208-230/460	A303	★	$518	$737	S4	10
	208-230/460	A1303	★	$518	$737	S4	10
	575	A299	★	$518	$737	S4	10
	575	A1299	★	$518	$737	S4	10

Drip Cover Kits (Four-In-One)

MARS NO.	STOCK	LIST FRAME	MULT. PRICE	SYMB.
A234	★	56-143T-145T	$21	S4
A197	★	182T-184T	$24	S4
A199	★	213T-215T	$28	S4

★ Stock model for Marathon and/or MARS.

Prices and Specifications are subject to change without notice.

MARATHON

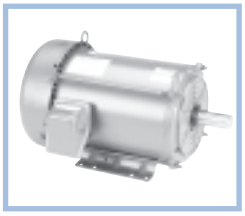
NEMA Premium® Efficiency

MARS SERIES 580

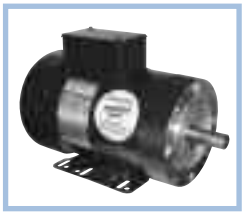
Applications: General purpose use on compressors, pumps, conveyors, blowers, and other machinery in dirty and dusty environments. Substantial energy savings can be realized when using these high efficiency motors. Guaranteed efficiencies offer an eXtra Return on your Investment when using these premium efficiency motors on high cycle or long run time applications.

General Purpose:

Rigid Base



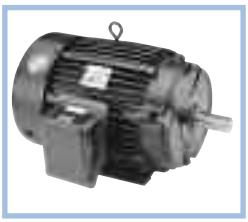
C-Face Footed (Rigid Base)



- 56 - 215T frames - Rolled Steel
- 254 - 256T frames - Aluminum

Blue Chip®:

Rigid Base



- 143T - 5011 frames - Cast Iron (shaded)

Inverter Duty

XRI ENERGY EFFICIENT MOTORS

NEMA Premium

Features:

Meets or exceeds NEMA Premium® efficiencies, except where noted
NEMA Premium® models are in compliance with EISA2007

- Suitable for use on a VFD. Variable Torque and Constant Torque (as noted)
- 1.15 Service Factor on sinewave, 1.0 Service Factor on IGBT power
- F1 conduit box on Rigid Base, F3 on C-Face Footed (Rigid Base) motors
- Shaft slinger
- Class F insulation
- 1.15 Service Factor
- Ball bearings (except as noted)
- C-Face Footed models are rated 60/50 Hz, same HP
- Motors accept C-face kits, as noted
- UL Recognized, CSA Certified and CE Mark
- Three year warranty

Models through 40 HP are capable of modification as follows (contact factory to confirm):

- 1.25 Service Factor (sinewave only)
- 50Hz at same HP, 1.0 Service Factor (sinewave only)
- Certain combinations of existing and new nameplate markings are not possible (contact factory to confirm)
- Any nameplate changes are subject to modification charges (see MOD Central section)
- Contact Marathon Electric for optional nameplate markings on 50 HP and larger

XRI® Efficiency, Three Phase, Totally Enclosed, Rigid Base

Suitable for use on VFD per guidelines on page 18.

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	CT SPEED RANGE	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM	FOOT NOTES	C-FACE KITS
1	3600	200	56H	E2150	56T34F16001		10:1	$525	E9	80.0	3.2	11.31		A665
	3600	230/460	56H	E2100	56T34F15940	✯	10:1	$525	E9	80.0	2.8/1.4	11.31		A665
	3600	575	56H	E2125	56T34F16020		10:1	$525	E9	80.0	1.1	11.31		A665
	1800	200	143T	E2151	143TTFR16038	✯	10:1	$435	E9	85.5	3.7	13.75		A642
	1800	230/460	143T	E2101	143TTFR15642	✯	10:1	$435	E9	85.5	3.2/1.6	13.75		A642
	1800	575	143T	E2126	143TTFR16040	✯	10:1	$435	E9	85.5	1.3	13.75		A642
	1200	200	145T	E2152	145TTFR16072		10:1	$519	E9	82.5	4.4	13.75		A642
	1200	230/460	145T	E2102	145TTFR16078		10:1	$519	E9	82.5	3.8/1.9	13.75		A642
	1200	575	145T	E2127	145TTFR16080		10:1	$519	E9	82.5	1.5	13.75		A642
1 1/2	3600	200	143T	E2153	143TTFR16001		10:1	$505	E9	84.0	4.6	13.75		A642
	3600	230/460	143T	E2103	143TTFR15582	✯	10:1	$505	E9	84.0	4.0/2.0	13.75		A642
	3600	575	143T	E2128	143TTFR16020		10:1	$505	E9	84.0	1.6	13.75		A642
	3600	230/460	143T	E351	143TTTN6001	✯	1000:1	$573	E9	86.5	4.0/2.0	10.43	d,N	A603
	1800	200	145T	E2154	145TTFR16038	✯	10:1	$447	E9	86.5	5.5	13.75		A642
	1800	230/460	145T	E2104	145TTFR16033	✯	10:1	$447	E9	86.5	4.8/2.4	13.75		A642
	1800	575	145T	E2129	145TTFR16040	✯	10:1	$447	E9	86.5	1.9	13.75		A642
	1200	200	182T	E2155	182TTFW16072		10:1	$664	E9	87.5	6.4	15.96	13	A666
	1200	230/460	182T	E2105	182TTFW16076	✯	10:1	$664	E9	87.5	5.6/2.8	15.96	13	A666
	1200	575	182T	E2130	182TTFW16080		10:1	$664	E9	87.5	2.2	15.96	13	A666

Blue shaded areas are Cast Iron Frames

Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EPAct and/or NRCan Canadian standards.

*** Requires nameplate modifications**

Continued on next page.

✯ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

NEMA Premium® Efficiency

MARS SERIES **580**

Inverter Duty

Suitable for use on VFD per guidelines on page 18.

XRI® Efficiency, Three Phase, Totally Enclosed, Rigid Base

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	CT SPEED RANGE	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM	FOOT NOTES	C-FACE KITS
2	3600	200	145T	E2156	145TTFR16001		10:1	$541	E9	85.5	5.5	13.75		A642
	3600	230/460	145T	E2106	145TTFR13002	*	10:1	$541	E9	85.5	4.8/2.4	13.75		A642
	3600	575	145T	E2131	145TTFR16020		10:1	$541	E9	85.5	1.9	13.75		A642
	3600	230/460	145T	E353	145TTTN6001	*	1000:1	$601	E9	85.5	5.0/2.5	11.43	d,N,20	A603
	1800	200	145T	E2157	145TTFR16039	*	10:1	$491	E9	86.5	6.7	14.25		A642
	1800	230/460	145T	E2107	145TTFR16035	*	10:1	$491	E9	86.5	5.8/2.9	14.25		A642
	1800	575	145T	E2132	145TTFR16045	*	10:1	$491	E9	86.5	2.3	14.25		A642
	1200	200	184T	E2158	184TTFW16072		10:1	$785	E9	88.5	8.3	15.97	13	A666
	1200	230/460	184T	E2108	184TTFW16076	*	10:1	$785	E9	88.5	7.2/3.6	15.97	13	A666
	1200	575	184T	E2133	184TTFW16080		10:1	$785	E9	88.5	2.9	15.97	13	A666
3	3600	200	182T	E2159	182TTFW16002		10:1	$727	E9	86.5	8.7	13.97	13	A666
	3600	230/460	182T	E2109	182TTFW16001	*	10:1	$727	E9	86.5	7.6/3.8	13.97	13	A666
	3600	575	182T	E2134	182TTFW16020		10:1	$727	E9	86.5	3.0	13.97	13	A666
	3600	230/460	182T	E216	182TTTS6001	*	1000:1	$825	E9	89.5	7.6/3.8	12.71	d,N,20	A644
	1800	200	182T	E2160	182TTFW16038	*	10:1	$648	E9	89.5	9.0	14.97	13	A666
	1800	230/460	182T	E2110	182TTFW16026	*	10:1	$648	E9	89.5	7.8/3.9	14.97	13	A666
	1800	575	182T	E2135	182TTFW16040	*	10:1	$648	E9	89.5	3.1	14.97	13	A666
	1800	575	182T	E303	182TTTS6030	*	1000:1	$740	E9	90.2	3.2	12.71	d,N	A644
	1200	200	213T	E2161	213TTFW16072		10:1	$960	E9	89.5	10.1	19.47		A609
	1200	230/460	213T	E2111	213TTFW16076	*	10:1	$960	E9	89.5	8.8/4.4	19.47		A609
	1200	575	213T	E2136	213TTFW16080		10:1	$960	E9	89.5	3.5	19.47		A609
5	3600	200	184T	E2162	184TTFW16002		10:1	$825	E9	88.5	13.8	16.47	13	A666
	3600	230/460	184T	E2112	184TTFW16001	*	10:1	$825	E9	88.5	12.0/6.0	16.47	13	A666
	3600	575	184T	E2137	184TTFW16020		10:1	$825	E9	88.5	4.8	16.47	13	A666
	1800	200	184T	E2163	184TTFW16038	*	10:1	$758	E9	89.5	14.7	15.97	13	A666
	1800	230/460	184T	E2113	184TTFW16026	*	10:1	$758	E9	89.5	12.8/6.4	15.97	13	A666
	1800	575	184T	E2138	184TTFW16040	*	10:1	$758	E9	89.5	5.1	15.97	13	A666
	1200	200	215T	E2164	215TTFW16072		10:1	$1,240	E9	90.2	16.1	20.97		A609
	1200	230/460	215T	E2114	215TTFW16076	*	10:1	$1,240	E9	90.2	14.0/7.0	20.97		A609
	1200	575	215T	E2139	215TTFW16080		10:1	$1,240	E9	90.2	5.6	20.97		A609
7 1/2	3600	230/460	213T	E2115	213TTFW16001	*	10:1	$997	E9	90.2	17.8/8.9	20.97		A609
	3600	230/460	213T	E218	213TTTS6001	*	1000:1	$1,108	E9	90.2	17.8/8.9	15.69	d,N	A206
	3600	575	213T	E2140	213TTFW16020		10:1	$997	E9	90.2	7.1	20.97		A609
	1800	230/460	213T	E2116	213TTFW16026	*	10:1	$935	E9	91.7	21.6/10.8	18.70		A667
	1800	575	213T	E2141	213TTFW16040	*	10:1	$935	E9	91.7	8.6	18.70		A667
	1200	230/460	254T	E2117	254TTFL16076	*	10:1	$1,751	E9	91.0	19.5/9.75	22.99		A1209
	1200	230/460	254T	E235	254TTFNA6076	*	20:1	$1,751	E9	91.0	19.8/9.9	23.52	d	A284
	1200	575	254T	E2142	254TTFL16080		10:1	$1,751	E9	91.0	8.2	22.99		A1209
10	3600	230/460	215T	E2118	215TTFW16001	*	10:1	$1,100	E9	91.7	23.6/11.8	22.22		A609
	3600	575	215T	E2143	215TTFW16020		10:1	$1,100	E9	91.7	9.4	22.22		A609
	1800	230/460	215T	E2119	215TTFW16026	*	10:1	$1,065	E9	91.7	26.8/13.4	19.70		A667
	1800	575	215T	E2144	215TTFW16040	*	10:1	$1,065	E9	91.7	10.7	19.70		A667
	1800	575	215T	E306	215TTFS6030		20:1	$1,266	E9	91.7	10.0	19.70	X	A206
	1200	230/460	256T	E2120	256TTFL16076	*	10:1	$2,139	E9	91.0	26.5/13.3	26.24		A1209
	1200	230/460	256T	E236	256TTFNA6076	*	20:1	$2,139	E9	91.0	26.2/13.1	25.27	d	A284
	1200	575	256T	E2145	256TTFL16080		10:1	$2,139	E9	91.0	11.4	26.24		A1209

Blue shaded areas are Cast Iron Frames

*** Requires nameplate modifications**

Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EPAct and/or NRCan Canadian standards.

Continued on next page.

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

NEMA Premium® Efficiency

MARS SERIES 580

XRI® Efficiency, Three Phase, Totally Enclosed, Rigid Base

Inverter Duty

Suitable for use on VFD per guidelines on page 18.

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	CT SPEED RANGE*	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM	FOOT NOTES	C-FACE KITS
15	3600	230/460	254T	E2121	254TTFL16001	★	10:1	$1,698	E9	91.0	35.4/17.7	22.99		A1209
	3600	230/460	254T	E220	254TTFNA6001	★	2:1	$1,698	E9	91.7	35.0/17.5	23.52	d	A284
	3600	575	254T	E2146	254TTFL16020		10:1	$1,698	E9	91.0	14.2	22.99		A1209
	1800	230/460	254T	E2122	254TTFL16026	★	10:1	$1,594	E9	92.4	38.1/19.1	22.99		A1209
	1800	230/460	254T	E205	254TTFNA6026	★	20:1	$1,594	E9	92.4	37.6/18.8	23.52	d	A284
	1800	575	254T	E2147	254TTFL16040	★	10:1	$1,594	E9	92.4	15.8	22.99		A1209
	1800	575	254T	E307	254TTFNA6030	★	20:1	$1,594	E9	92.4	15.1	23.52	d	A284
	1200	230/460	284T	E237	284TTFNA6076	★	20:1	$2,839	E9	91.7	40.8/20.4	26.34		A618
20	3600	230/460	256T	E2123	256TTFL16001	★	10:1	$2,104	E9	91.0	47.0/23.5	24.74		A1209
	3600	230/460	256T	E221	256TTFNA6001	★	2:1	$2,104	E9	92.4	46.8/23.4	25.27	d	A284
	3600	575	256T	E2148	256TTFL16020		10:1	$2,104	E9	91.0	18.9	26.24		A1209
	1800	230/460	256T	E2124	256TTFL16026	★	10:1	$2,104	E9	93.0	48.6/24.3	26.24		A1209
	1800	230/460	256T	E206	256TTFNA6026	★	20:1	$1,986	E9	93.0	48.2/24.1	25.27	d	A284
	1800	575	256T	E2149	256TTFL16040	★	10:1	$1,986	E9	93.0	20.4	26.24		A1209
	1800	575	256T	E308	256TTFNA6030	★	20:1	$1,986	E9	93.0	19.3	25.27	d	A284
	1200	230/460	286T	E238	286TTFNA6076	★	20:1	$3,459	E9	91.7	53.6/26.8	27.84		A618

XRI® Efficiency, Three Phase, Totally Enclosed, C-Face Footed (Rigid Base)

Inverter Duty

Suitable for use on VFD per guidelines on page 18.

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	CT SPEED RANGE	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM	FOOT NOTES
1	3600	208-230/460	56C	**E2000**	56T34F5940	★	10:1	$554	E9	80.0	3.0-2.8/1.4	11.31	
	1800	208-230/460	143TC	**E2001**	143TTFR5642	★	10:1	$445	E9	85.5	3.2-3.2/1.6	13.75	
	1200	208-230/460	145TC	**E2002**	145TTFR6078	★	10:1	$536	E9	82.5	3.8-3.8/1.9	13.75	
1 1/2	3600	208-230/460	143TC	**E2003**	143TTFR5582	★	10:1	$515	E9	84.0	4.4-4.0/2.0	13.75	
	1800	208-230/460	145TC	**E2004**	145TTFR6033	★	10:1	$485	E9	86.5	5.2-4.8/2.4	13.75	
	1200	208-230/460	182TC	**E2005**	182TTFR6076	★	10:1	$701	E9	87.5	4.8-4.4/2.2	16.19	d
	1200	208-230/460	182TC	**E2005**	182TTFW6076	★	10:1	$701	E9	87.5	6.0-5.1/2.6	14.47	13
2	3600	208-230/460	145TC	**E2006**	145TTFR3002	★	10:1	$571	E9	85.5	5.2-4.8/2.4	13.75	
	1800	208-230/460	145TC	**E2007**	145TTFR6035	★	10:1	$531	E9	86.5	6.0-5.8/2.9	14.25	
	1200	208-230/460	184TC	**E2008**	184TTFR6076	★	10:1	$803	E9	88.5	6.4-6.0/3.0	17.19	d
	1200	208-230/460	184TC	**E2008**	184TTFW6076	★	10:1	$803	E9	88.5	7.4-6.4/3.2	14.97	13
3	3600	208-230/460	182TC	**E2009**	182TTFR6001	★	10:1	$740	E9	87.5	8.0-7.6/3.8	15.69	d
	3600	208-230/460	182TC	**E2009**	182TTFW6001	★	10:1	$664	E9	87.5	8.4-7.8/3.9	13.97	13
	1800	208-230/460	182TC	**E2010**	182TTFR6026	★	10:1	$740	E9	89.5	8.4-8.0/4.0	15.69	d
	1800	208-230/460	182TC	**E2010**	182TTFW6026	★	10:1	$664	E9	89.5	8.4-7.8/3.9	13.97	13
	1200	208-230/460	213TC	**E2011**	213TTFW6076	★	10:1	$979	E9	89.5	9.2-8.8/4.4	19.47	
5	3600	208-230/460	184TC	**E2012**	184TTFR6001	★	10:1	$858	E9	88.5	13.2-12.0/6.0	16.67	d
	3600	208-230/460	184TC	**E2012**	184TTFW6001	★	10:1	$775	E9	88.5	13.0-12.0/6.0	17.19	13
	1800	208-230/460	184TC	**E2013**	184TTFR6026	★	10:1	$858	E9	90.2	13.8-12.4/6.2	16.67	d
	1800	208-230/460	184TC	**E2013**	184TTFW6026	★	10:1	$775	E9	90.2	13.7-12.6/6.3	14.97	13
	1200	208-230/460	215TC	**E2014**	215TTFW6076	★	10:1	$1,261	E9	90.2	15.0-14.0/7.0	20.97	
7 1/2	3600	208-230/460	213TC	**E2015**	213TTFW6001	★	10:1	$1,054	E9	91.7	19.7-17.8/8.9	20.97	
	1800	208-230/460	213TC	**E2016**	213TTFW6026	★	10:1	$957	E9	91.7	21.0-19.4/9.7	20.97	
10	3600	208-230/460	215TC	**E2018**	215TTFW6001	★	10:1	$1,122	E9	91.7	26.4-23.6/11.8	22.22	
	1800	208-230/460	215TC	**E2019**	215TTFW6026	★	10:1	$1,089	E9	91.7	28.0-25.6/12.8	22.22	

Blue shaded areas are Cast Iron Frames

*** Requires nameplate modifications**

Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EPAct and/or NRCan Canadian standards.

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

MARATHON

Condenser Fan Motors

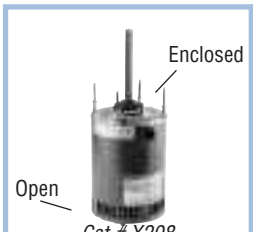
MARS SERIES **560**

Condenser Fan/Heat Pump, PSC, Open Air Over

Applications: Direct drive condenser fans mounted vertically, shaft up. Models with open brackets should be mounted where they are shielded from rain. These motors need to be mounted within the airflow of the fan for proper cooling.

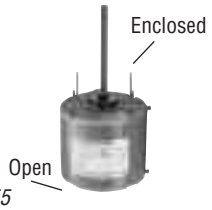
Features:

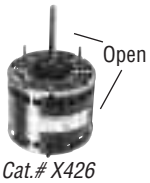
- Frame and shaft end bracket enclosed, except X011, X012, and X208 have open frames and X426 has open frame and brackets
- **Single and multi-speed models as noted**
- Ball bearings
- Weather resistant reversing plug
- 30" long leads
- Shaft with flat, unless otherwise noted
- **60°C ambient (as noted)**
- Shaft slinger
- 1-5/8" Extended thru-bolts on shaft end, except where noted
- Automatic reset thermal protector
- Lug mount kits and other accessories available, see Accessories section
- UL Recognized and CSA Certified
- **Capacitor not included, see Accessories section, ME-110**



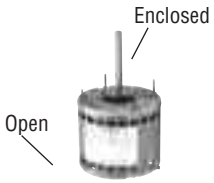
Cat.# X208

Cat. #'s X080, X081, X082, X083, X084, X085, X086, X087, X088, X089, X090, X096, X097, X098, X099, X213, X214, X221, X298, X400, X420, X422, X423, X424, X453, X454, X455





Cat.# X426



Cat.# X011, X012

Thru-Bolt, Shaft Up or Horizonal

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	F.L. AMPS	FRAME LENGTH	SHAFT DIM.	FOOT NOTES
1/4	1625/1	208-230	48Y	X012	48A17O2006	★	$137	F1	1.8-1.8	4 1/2	1/2 x 6	30,34,44
	1625/1	460	48Y	X420	48A17O169	★	$183	F1	1.0	4	1/2 x 6	34
	1075/2	208-230	48Y	X081	48A11O2031	★	$153	F1	1.9-1.9	4 1/4	1/2 x 6	
	1075/2	208-230	48Y	X080	48A11O2030	★	$136	F1	1.9-1.9	4 1/4	1/2 X 6	d
	1075/1	208-230	48Y	X213	48A11O1524	★	$130	F1	1.4-1.2	4 1/4	1/2 X 6	21
	1075/1	208-230	48Y	X087	48A11O2029	★	$124	F1	2.0-2.0	4 1/4	1/2 x 6	
	1075/1	460	48Y	X423	48A11O2055	★	$141	F1	1.0	4 1/4	1/2 x 6	36
	825/1	208-230	48Y	X097	48A8O182	★	$183	F1	1.8-1.8	4 1/2	1/2 x 6	
1/3	1625/3	208-230	48Y	X011	48A17O2005	★	$147	F1	2.3-2.3	4 3/4	1/2 x 6	30,34,44
	1075/2	208-230	48Y	X083	48A11O2034	★	$162	F1	3.0-3.0	4 3/4	1/2 x 6	
	1075/2	208-230	48Y	X082	48A11O2033	★	$148	F1	3.0-3.0	4 3/4	1/2 x 6	d
	1075/1	208-230	48Y	X214	48A11O1525	★	$129	F1	2.3-2.6	4 1/2	1/2 x 6	45
	1075/1	208-230	48Y	X088	48A11O2032	★	$133	F1	3.0-3.0	4 3/4	1/2 x 6	
	1075/1	460	48Y	X424	48A11O2054	★	$160	F1	1.4	4 3/4	1/2 x 6	36
	825/1	208-230	48Y	X086	48A8O2001	★	$206	F1	2.4-2.4	5 1/4	1/2 x 6	
1/2	1625/1	460	48Y	X422	48A17O172	★	$232	F1	1.7	5	1/2 x 6	36
	1625/1	575	48Y	X454	48A17O250	★	$232	F1	1.35	5	1/2 x 6	36
	1075/1	208-230	48Y	X096	48A11O840	★	$178	F1	4.2-4.2	5 1/2	1/2 x 6	
	1075/1	208-230	48Y	X089	48A11O2035	★	$150	F1	4.2-4.2	5 1/4	1/2 x 6	d
	1075/1	208-230	48Y	X221	48A11O1526	★	$157	F1	2.7-2.6	5	1/2 x 6	45
	1075/1	460	48Y	X400	48A11O2017	★	$180	F1	1.8	5	1/2 x 6	35
	1075/1	575	48Y	X453	48A11O1771	★	$180	F1	1.15	5	1/2 x 6	35
	825/1	208-230	48Y	X098	48A8O181	★	$247	F1	3.3-3.3	5 1/2	1/2 x 6	
	825/1	208-230	56Z	X208	56A8O5	★	$379	F1	3.4-3.4	8 5/8	5/8 x 6 w/key/flat	30
3/4	1075/2	208-230	48Y	X085	48A11O678	★	$206	F1	5.1-5.1	5 1/2	1/2 x 6	
	1075/1	208-230	48Y	X298	48A11O2059	★	$172	F1	4.0-4.2	5 1/4	1/2 x 6	d
	1075/1	208-230	48Y	X090	48A11O2007	★	$194	F1	4.6-4.6	5 1/2	1/2 x 6	
	1075/1	460	48Y	X099	48A11O2016	★	$207	F1	2.5	5 1/2	1/2 x 6	34
	1075/1	460	48YZ	X426	48A11O1375	★	$251	F1	2.2	5 1/2	5/8 x 4.5 w/key	69
	1075/1	575	48Y	X455	48A11O1770	★	$207	F1	1.7	5 1/2	1/2 x 6	35
1	1075/1	200-230/460	56Z	P190	5KCP49ZN9617T	★	$444	F1	6.7-6.8/3.4	9.0	5/8 x 4	

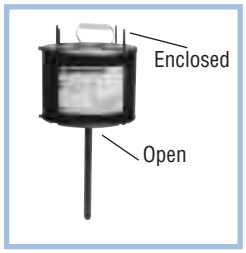
★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

MARATHON

Condenser Fan Motors

MARS SERIES 560

Condenser Fan/Heat Pump, PSC, Open Air Over



Applications: Direct drive condenser fans mounted vertically, shaft down. These motors need to be mounted within the airflow of the fan for proper cooling.

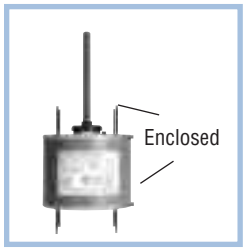
Features:

- Frame and opposite shaft end bracket are enclosed for vertical shaft down mounting
- Weather resistant reversing plug
- 30″ Long leads
- 1-1/4″ Extended thru-bolts on shaft end, except where noted
- Shaft slinger
- Automatic reset thermal protector
- Ball Bearings
- UL Recognized and CSA Certified
- **Capacitor not included, see Accessories section, ME-110**

Thru-Bolt Mount, Shaft Down

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	F.L. AMPS	FRAME LENGTH	SHAFT DIM.	FOOT NOTES
1/8	825	208-230	48Y	X278	48A8O206	✯	$168	F1	0.9-0.9	4 1/4	1/2 X 4 3/4	37,44
1/6	1075	208-230	48Y	X440	48A11O2065	✯	$111	F1	1.0-0.9	4	1/2 X 6	
1/5	1075	208-230	48Y	X216	48A11O1097	✯	$124	F1	1.8-1.6	3 3/4	1/2 X 6	37,44,60
1/4	1075	208-230	48Y	X441	48A11O2062	✯	$136	F1	1.35-1.35	4 1/4	1/2 X 6	
1/3	1075	208-230	48Y	X442	48A11O2064	✯	$145	F1	2.0-1.95	4 3/4	1/2 X 6	
	1075	208-230	48Y	X297	48A11T509	✯	$131	F1	1.8-1.8	4 1/4	1/2 X 3 3/4	N,29,41,60
1/2	1075	208-230	48Y	X443	48A11O2063	✯	$161	F1	3.9-3.9	5 1/4	1/2 X 6	
3/4	1075	208-230	48Y	X444	48A11O1596	✯	$214	F1	4.3-4.7	5 1/2	1/2 X 6	

Totally Enclosed, PSC, Air Over



Applications: Direct drive condenser fans for all angle mounting.These motors need to be mounted within the airflow of the fan for proper cooling.

Features:

- Frame and end brackets enclosed
- **Single and multi-speed models, as noted**
- Ball bearings (except as noted)
- Weather resistant reversing plug
- 30″ long leads
- Shaft slinger
- 1-1/2″ Thru-bolts on shaft end, 1″ thru-bolts on lead end (except as noted)
- Automatic reset thermal protector
- Weep holes with removable plugs on end brackets. Remove bottom plug after installation.
- Lug mount kits and other accessories available (see Accessories section)
- **60°C ambient, as noted**
- UL Recognized and CSA Certified
- **Capacitor not included, see Accessories section, ME-110**

48 Frame, Thru-Bolt, All-Angle

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	F.L. AMPS	FRAME LENGTH	SHAFT DIM.	FOOT NOTES
1/6	1075/2	208-230	48Y	X429	48A11T2020	✯	$149	F1	1.3-1.3	4	1/2 x 6	36
	1075/1	208-230	48Y	X427	48A11T2017	✯	$141	F1	1.3-1.3	3 3/4	1/2 x 6	d
	1075/1	208-230	48Y	X411	48A11T2008	✯	$141	F1	1.3-1.3	3 3/4	1/2 x 6	
	825/1	208-230	48Y	X465	48A8T11002	✯	$149	F1	1.1-1.1	4 1/4	1/2 x 6	45
1/4	1625/1	208-230	48Y	X467	48A17T87	✯	$133	F1	2.0-2.0	4 1/2	1/2 x 6	21,36
	1625/2	208-230	48Y	X463	48A17T356	✯	$153	F1	1.4-1.4	4 1/2	1/2 x 6	45,94
	1075/2	208-230	48Y	X430	48A11T463	✯	$162	F1	1.8-1.8	4 1/2	1/2 x 6	36
	1075/1	208-230	48Y	X412	48A11T569	✯	$157	F1	1.4-1.4	4 1/4	1/2 x 6	45
	1075/1	208-230	48Y	X428	48A11T2018	✯	$157	F1	1.9-1.9	4 1/4	1/2 x 6	d
	1075/1	460	48Y	X456	48A11T578	✯	$162	F1	0.75	4 1/2	1/2 x 6	45
	840/1	208-230	48Y	X450	48A8T71	✯	$153	F1	1.9-1.9	5 1/4	1/2 x 6	45
1/3	1625/1	208-230	48Y	X466	48A17T86	✯	$146	F1	2.0-2.0	5	1/2 x 6	21,36
	1075/2	208-230	48Y	X415	48A11T2012	✯	$173	F1	2.6-2.6	5	1/2 x 6	36
	1075/1	208-230	48Y	X413	48A11T529	✯	$170	F1	1.9-1.9	4 3/4	1/2 x 6	45
	1075/1	460	48Y	X457	48A11T579	✯	$172	F1	0.9	5	1/2 x 6	36,45
	825/1	208-230	48Y	X451	48A8T72	✯	$161	F1	2.3-2.3	5 3/4	1/2 x 6	34,45
1/2	1625/1	208-230	48Y	X468	48A17T96		$165	F1	4.0-4.0	5 1/4	1/2 x 6	21
	1625/2	208-230	48Y	X464	48A17T359		$185	F1	3.1-2.9	5 1/4	1/2 x 6	45
	1075/2	208-230	48Y	X416	48A11T2013	✯	$190	F1	4.2-4.2	5 1/2	1/2 x 6	36
	1075/1	208-230	48Y	X414	48A11T571	✯	$187	F1	2.7-2.7	5	1/2 x 6	36,45
	1075/1	460	48Y	X458	48A11T580	✯	$190	F1	1.4	5 1/2	1/2 x 6	36,45
	825/1	208-230	48Y	X452	48A8T73	✯	$198	F1	3.1	6 1/4	1/2 x 6	45
3/4	1625/1	208-230	48Y	X469	48A11T276	✯	$165	F1	4.2-3.65	6	1/2 x 6	21,63
	1075/1	460	48Y	X459	48A11T581	✯	$214	F1	2.1	6	1/2 x 6	32,45
1	1075/1	460	48Y	X462	48A11T619	✯	$253	F1	3.4	7 1/4	1/2 x 6	32,45

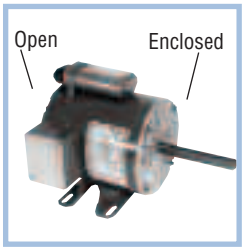
✯ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

MARATHON

Condenser Fan Motors

MARS SERIES 560

Condenser Fan/Heat Pump, PSC, Open Air Over



Applications: Condenser fans, installed outdoors. These motors need to be mounted within the airflow of the fan for proper cooling.

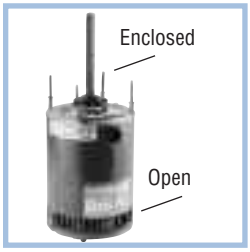
Features:

- Frame and shaft end bracket enclosed
- Heavy gauge steel constructions
- 56Y frame has non-NEMA BA dimension of 1.97″
- Automatic reset thermal protector
- Flat and keyway on shaft
- Ball Bearings
- UL Recognized and CSA Certified
- **Capacitor included on X432, see Accessories section, ME-110 to order capacitor for X433**

Rigid Base, Shaft Up or Horizontal

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	F.L. AMPS	FRAME LENGTH	SHAFT DIM.
3/4	1075	208-230/460	56YZ	X432	56A11O29	★	$311	F1	4.6-4.4/2.2	11.88	5/8 x 4 1/2
1	1075	208-230/460	56YZ	X433	56A11O30	★	$370	F1	5.8-5.4/2.7	12.38	5/8 x 4 1/2

Condenser Fan/Heat Pump, PSC



Applications: Direct drive condenser fans mounted vertically, shaft up or horizontal. These motors need to be mounted within the airflow of the fan for proper cooling.

Features:

- Enclosed shaft end bracket with vented frame
- Ball bearings
- 30″ long leads (except P243)
- Shaft slinger
- **60°C ambient, as noted**
- Automatic reset thermal protector
- Flat & keyway on shaft
- UL Recognized and CSA Certified
- **Capacitor not included, see Accessories section, ME-110**

56 Frame, Resilient Ring, Thru-Bolt, Open Air Over, Shaft Up

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	F.L. AMPS	FRAME LENGTH	SHAFT DIM.	FOOT NOTES
3/4	1075	208-230/460	56Y	P243	5KCP49RN9611S	★	$351	F1	4.9-3.8/1.9	7 1/2	5/8 x 6	d,33
	1075	208-230/460	56Y	X207	56A11O5311	★	$351	F1	3.9-3.6/1.8	8 1/4	5/8 x 6	37,45
1	1075	208-230/460	56Y	P244	5KCP49UN9613S	★	$370	F1	6.3-5.0/2.5	8.4	5/8 x 6	d,34
	1075	208-230/460	56Y	X206	56A1105310	★	$370	F1	5.4-5.2/2.6	10 1/16	5/846	37
1 1/2	1075	208-230/460	56Y	X271	56A11O5305	★	$422	F1	7.7-7.6/3.8	9 3/4	5/8 x 6	34,45

56 Frame, Resilient Ring, Thru-Bolt, Dripproof

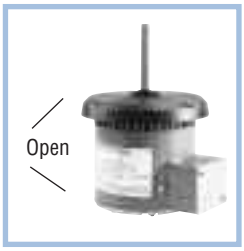
HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	F.L. AMPS	FRAME LENGTH	SHAFT DIM.	FOOT NOTES
1/2	825/1	115/208-230	56Y	P245	5KCP49PN9812S	★	$477	F1	6.2/3.8-3.1	13.66	5/8 X 6	
	825/1	208-230	56Y	P246	5KCP49UN9811S	★	$517	F1	5.8-5.6	14.47	5/8 X 6	
1	1075/3	115	56Y	P184	5KCP49UN9612S	★	$495	F1	10.8	14.87	5/8 x 6	
	1075/3	200-230	56Y	P185	5KCP49UN9614S	★	$495	F1	4.8-5.0	14.87	5/8 X 6	
	825/1	208-230/460	56Y	P180	5KCP49WN9813S	★	$545	F1	6.3-6.4/3.2	11.24	5/8 x 6	

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

Condenser Fan Motors

MARS SERIES 560

Commercial Condenser Fan/Heat Pump, PSC



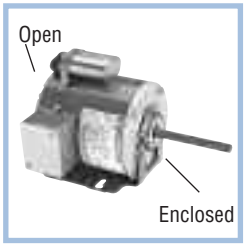
Applications: Heavy duty design for commercial direct drive condenser fans mounted vertically, shaft up. These motors need to be mounted within the airflow of the fan for proper cooling.

Features:

- Open frame and end brackets
- Shaft with flat, unless otherwise noted
- Unique Rain Shield fits over shaft to protect motor in vertical shaft up position
- Shaft slinger
- Automatic reset thermal protector
- **60°C ambient (as noted)**
- Ball bearings
- UL Recognized and CSA Certified
- **Capacitor not included**

Open Air Over, Belly Band, Shaft Up

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	F.L. AMPS	FRAME LENGTH	SHAFT DIM.	FOOT NOTES	CAP REQ'D
0.4	1075	200-230/460	48Y	X445	48A11O1732		$190	F1	3.0-2.8/1.4	5 1/2	1/2 x 4		7.5/370
0.6	1075	200-230/460	48Y	P192	5KCP36PNB523S	✯	$209	F1	4.0/2.0	8 1/4	5/8 x 4 1/4	d	10/440
	1075	200-230/460	48Y	X446	48A11O1643	✯	$209	F1	3.0-3.6/1.8	6 7/8	1/2 x 4		7.5/440
0.8	1075	200-230/460	48Y	P193	5KCP39SNB480S	✯	$234	F1	4.0/2.0	14.19	1/2 x2 3/4	d	12.5/370
	1075	200-230/460	48Y	P194	5KCP39SNB481S	✯	$280	F1	4.0/2.0	9 1/3	5/8 x 4 7/8	d	12.5/370
	1075	200-230/460	48Y	X447	48A11O1642	✯	$280	F1	5.0-4.4/2.2	8 3/4	1/2 x 4	45	20/370
1	1075	200-230/460	48Y	P195	5KCP39SNB482S	✯	$302	F1	5.6/2.8	10 5/8	5/8 x 5 1/4 w/key/flat	d	12.5/440
	1075	200-230/460	56Y	X448	56A11O5314	✯	$302	F1	6.0-5.2/2.6	8 3/4	5/8 x 4 w/key/flat	45	30/370
	1075	575	56Y	P196	5KCP39TNB763T	✯	$302	F1	2.6	10 1/4	1/2 x 5 1/4		15/440
1.5	1075	200-230/460	56Y	P197	5KCP39UNB767T	✯	$347	F1	8.1-7.8/3.9	10 1/4	5/8 spcl.	d	25/440
	1075	200-230/460	56Y	X449	56A11O5315		$347	F1	7.0-7.0/3.5	9 1/4	5/8 x 4	45	25/370
	1075	575	56Y	P198	5KCP39UNB764T	✯	$347	F1	3.5	10 1/4	1/2 x 5 1/4		12.5/440



Applications: Condenser fans, installed outdoors. These motors need to be mounted within the airflow of the fan for proper cooling.

Features:

- Frame and shaft end bracket enclosed
- Automatic reset thermal protector
- Ball bearings
- UL Recognized and CSA Certified
- **Capacitor included**

Resilient Base, Shaft Up or Horizontal

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	F.L. AMPS	FRAME LENGTH	SHAFT DIM.
1/2	1075	208-230/460	48YZ	X431	48A11O1461	✯	$245	F1	3.0-3.0/1.5	11.94	1/2 x 4 1/2

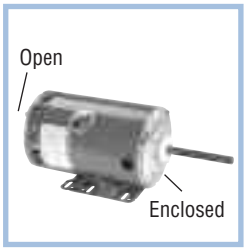
MARATHON

✯ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

Condenser Fan Motors, Three Phase

MARS SERIES **562**

Commercial Condenser Fan/Heat Pump, Three Phase



Applications: Commercial condenser fans may be installed outdoors. These motors need to be mounted within the airflow of the fan for proper cooling. Used on Trane, Carrier, Climtrol and York units, 5 tons and larger.

Features:

- **70°C ambient (except as noted)**
- Enclosed shaft end bracket, vented frame
- Continuous duty, air over
- Automatic reset thermal protector
- Shaft slinger
- Threaded lead exit
- Nameplated 60/50 hertz 190/380 volts, at next lower HP
- Double sealed ball bearings
- Flat and keyway on shaft
- Patented VCD™ - Voltage Change Device (as noted)
- Ball Bearings
- UL Recognized and CSA Certified

Inverter Duty

THIS MOTOR FEATURES MARATHON'S PATENTED VCD VOLTAGE CHANGE DEVICE As Noted

Open Air Over, Rigid Base, Shaft Up or Horizontal

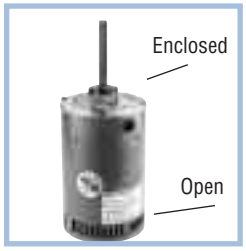
HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	SHAFT DIM.	FOOT NOTES
1/3	1140	208-230/460	56Z	X532	56T11O11001	✯	$330	F1	1.8-1.8/0.9	13.37	1/2 x 5	45,50
1/2	1140	208-230/460	56Z	X533	56T11O11002	✯	$355	F1	2.1-2.0/1.0	13.37	5/8 x 5	45,50
	850	208-230/460	56HZ	X529	56T8O5531	✯	$509	F1	2.9-3.0/1.5	14.68	5/8 x 5	VC,5
3/4	1140	208-230/460	56HZ	X512	56T11O15511		$395	F1	2.7-3.0/1.5	14.18	5/8 x 5	VC,5
1	1140	208-230/460	56HZ	K1485	5K49RN6118S	✯	$405	F1	4.2-4.0/2.0	16.02	5/8 X 6	d,46
	1140	208-230/460	56HZ	X513	56T11O5305	✯	$429	F1	4.1-4.2/2.1	14.68	5/8 x 5	VC,5
	850	208-230/460	56HZ	X528	56T8O5306	✯	$571	F1	5.1-5.3/2.65	17.06	5/8 x 5	VC,5
1 1/2	1140	208-230/460	56HZ	K1486	5K48TN6119S	✯	$440	F1	5.1-5.0/2.5	16.77	5/8 X 6	d,46
	1140	208-230/460	56HZ	X523	56T11O5306	✯	$466	F1	5.45-5.4/2.7	15.68	5/8 x 5	VC,5
	850	208-230/460	56HZ	X531	56T8O15504	✯	$621	F1	7.0-7.0/3.5	16.68	5/8 x 5	VC,5
2	1140	208-230/460	56HZ	X525	56T11O5310	✯	$505	F1	7.2-6.8/3.4	16.68	5/8 x 5	VC,5

✯ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

Condenser Fan Motors, Three Phase

MARS SERIES 562

Condenser Fan/Heat Pump, Three Phase



Applications: Commercial condenser fans may be installed outdoors. These motors need to be mounted within the airflow of the fan for proper cooling. Used on Trane, Carrier, Climatrol and York units, 5 tons and larger.

Features:

- **70°C ambient (except as noted)**
- Enclosed shaft end bracket, vented frame
- Automatic reset thermal protector
- Nameplate 60/50 hertz 190/380 volts, at next lower HP (except as noted)
- Double sealed ball bearings
- 5/8" Dia. x 5" long shaft with flat and key-way
- Ball bearings
- Threaded lead exit
- Patented VCD™ - Voltage Change Device
- 4 Locating screws 90 degrees apart, 3.33" from outer edge of shaft slinger
- Hubs on both ends will accept resilient base kits, see Accessories section (except X524 and X526 - horizontal only)
- UL Recognized and CSA Certified
- External shaft slinger on all, internal slinger on 5K models

Inverter Duty

THIS MOTOR FEATURES MARATHON'S PATENTED VCD VOLTAGE CHANGE DEVICE As Noted

Open Air Over, Belly Band/Resilient Ring

Suitable for use on VFD per guidelines on page 18.

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	F.L. AMPS	FRAME LENGTH	FOOT NOTES
1/3	850	208-230/460	56Y	X511	56T8O5303	★	$459	F1	2.3-2.5/1.25	9 1/2	VC
1/2	1140	208-230/460	56Y	K578	5K46LN6032S	★	$344	F1	2.1-2.4/1.2	8.89	d,46
	1140	200-230/460	56Y	X500	56T11O5300	★	$365	F1	2.4-2.7/1.35	9.00	VC
	1140	575	56Y	K1500	5K49MN6432S	★	$434	F1	1.0	9.49	33,46
3/4	1140	208-230/460	56Y	K378	5K46LN6033S	★	$381	F1	3.0-3.4/1.7	8.89	d,46
	1140	200-230/460	56Y	X501	56T11O5301	★	$404	F1	3.1-3.2/1.6	9.50	VC
	1140	575	56Y	K1505	5K46LN6428S	★	$456	F1	1.5	8.89	33,46
	850	208-230/460	56Y	X506	56T8O5301		$534	F1	3.6-3.6/1.8	11.00	VC
1	1140	208-230/460	56Y	K379	5K49RN6034S	★	$399	F1	4.2-4.0/2.0	10.02	d,46
	1140	200-230/460	56Y	X502	56T11O5302	★	$423	F1	4.0-4.2/2.1	10.00	VC
	1140	575	56Y	X522	56T11O5308	★	$423	F1	1.7	10.00	70
	1140	575	56Y	K1510	5K49RN6429S	★	$397	F1	1.6	16.02	d,33,46
	850	208-230/460	56Y	K1482	5K48WN3013S	★	$524	F1	5.1-5.2/2.6	10.77	d,46
	850	200-230/460	56Y	X507	56T8O5302	★	$555	F1	5.3-5.3/2.6	12.00	VC
	850	575	56Y	K1511	5K48WN3181S	★	$524	F1	2.0	10.77	d,33,46
	850	575	56Y	X527	56T8O5304	★	$555	F1	2.1	12.00	70
1 1/2	1140	208-230/460	56Y	K380	5K48TN6035S	★	$436	F1	5.1-5.0/2.5	10.77	d,46
	1140	200-230/460	56Y	X503	56T11O5303	★	$462	F1	5.5-5.4/2.7	11.00	VC
	1140	575	56Y	X524	56T11O5307	★	$462	F1	2.2	11.00	73
	1140	575	56Y	K1515	5K48TN6430S	★	$434	F1	2.2	10.77	d,33,46
	850	208-230/460	56Y	X530	56T8O5307	★	$598	F1	7.5-6.8/3.4	11.25	VC
2	1140	208-230/460	56Y	X509	56T11O5304	★	$501	F1	7.2-6.8/3.4	12.00	VC
	1140	208-230/460	56Y	K1488	5K49ZN6138S	★	$473	F1	7.4-7.4/3.7	11.97	d,33,46
	1140	575	56Y	K1520	5K49ZN6433S	★	$462	F1	2.5	11.97	d,33,46
	1140	575	56Y	X526	56T11O5309	★	$501	F1	2.7	11.63	73

Open Air Over, Belly Band/Resilient Ring, Shaft Up with Fan Canopy / Rainshield

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	F.L. AMPS	FRAME LENGTH	FOOT NOTES
1/2	1140	200-230/460	48Y	K1403	5K36PN345S	★	$433	F1	2.2-2.6/1.3	7.95	46
3/4	1140	200-230/460	48Y	K1404	5K38SN267S	★	$455	F1	3.3-3.8/1.9	8.95	46
	1140	575	48Y	K1405	5K39SNB765T	★	$483	F1	1.5	8.50	46
1	1140	200-230/460	48Y	K1402	5K39SNB505S	★	$501	F1	4.4-4.0/2.0	8.50	46
1 1/2	1140	200-230/460	48Y	K1407	5K39SNB587S	★	$549	F1	6.0-5.8/2.9	10.63	46

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

Direct Drive Blower Motors

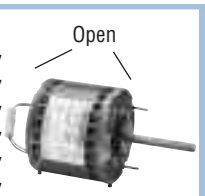
MARS SERIES **564**

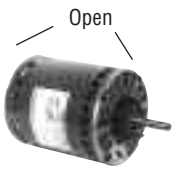
Fan and Blower - Direct Drive, PSC

Features:

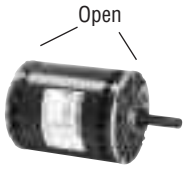
- Open frames and brackets (except X011 and X012 have enclosed shaft end bracket)
- **Single and multi-speed models as noted**
- Grommeted lead exit
- Weather resistant reversing plug
- 2-1/4" resilient ring mounting except where noted (base not included, see Accessories section)
- 2 1/2" adapter rings supplied, shipped loose in box
- Extended thru-bolts on shaft end
- 30" long leads
- Automatic reset thermal protector
- Ball bearings
- UL Recognized and CSA Certified
- **Capacitor not included, see Accessories section ME–110**

Cat. #'s X000, X001, X002, X003, X004, X005, X006, X009, X010, X013, X014, X015, X016, X017, X018, X019, X020, X021, X022, X023, X209, X417, X418, X419

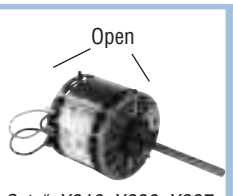




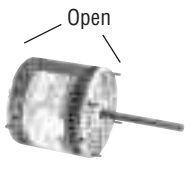
Cat.# X211



Cat.# X242



Cat.# X219, X236, X237, X241



Cat.# X033

Open Air Over, Resilient Ring, Thru-Bolt Mount

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	F.L. AMPS	FRAME LENGTH	SHAFT DIM.	FOOT NOTES
1/5	1075/3	115	48Y	X219	48A11O2047	★	$123	F1	3.5	4	1/2 x 4	39
1/4	1625/3	115	48Y	X013	48A17O152	★	$135	F1	2.9	5	1/2 x 4	32
	1625/3	208-230	48Y	X014	48A17O154	★	$137	F1	1.8-1.35	4 1/4	1/2 x 4	32
	1625/1	208-230	48Y	X012	48A17O2006	★	$137	F1	1.8-1.8	4 1/2	1/2 x 6	34,44
	1075/3	115	48Y	X000	48A11O1798	★	$129	F1	3.4	4 1/4	1/2 x 4	32
	1075/3	208-230	48Y	X001	48A11O1799	★	$133	F1	1.5-1.5	4 1/2	1/2 x 4	32
	1075/3	208-230	48Y	X1001	48A11OB1799	★	$133	F1	1.5-1.5	4 1/2	1/2 x 4	d,4,32
	1075/3	277	48Y	X018	48A11O1350	★	$139	F1	1.6	4 1/4	1/2 x 4	32
	1075/1	208-230	48Y	X006	48A11O2001	★	$127	F1	2.0-2.0	4 1/4	1/2 x 4	32
	1075/1	208-230	48Y	X417	48A11O2051	★	$136	F1	2.0-2.2	4 1/4	1/2 x 6	51,116
1/3	1625/3	115	48Y	X015	48A17O151	★	$143	F1	4.0	4 3/4	1/2 x 4	32
	1625/3	208-230	48Y	X011	48A17O2005	★	$147	F1	2.3-2.3	4 3/4	1/2 x 6	34,44
	1075/4	115	48Y	X236	48A11O699	★	$161	F1	6.4	4 3/4	1/2 x 6	39
	1075/4	208-230	48Y	X237	48A11O694		$164	F1	4.8-4.8	5 1/4	1/2 x 6	39
	1075/3	115	48Y	X002	48A11O1769	★	$139	F1	4.6	4 3/4	1/2 x 4	32
	1075/3	208-230	48Y	X003	48A11OB2042	★	$141	F1	3.3-3.3	4 3/4	1/2 x 4	32
	1075/3	277	48Y	X019	48A11O1351	★	$148	F1	2.7	4 3/4	1/2 x 4	32
	1075/1	208-230	48Y	X418	48A11O2052	★	$144	F1	3.1-3.1	4 1/2	1/2 x 6	51,116
	825/1	230	48Y	X209	48A8O183	★	$177	F1	2.8	5 3/4	1/2 x 5 1/2	34,43
1/2	1625/3	115	48Y	X016	48A17O153	★	$160	F1	5.0	5 1/4	1/2 x 4	32
	1625/3	208-230	48Y	X017	48A17O155	★	$162	F1	4.1-4.1	5 1/4	1/2 x 4	32
	1075/4	115	48Y	X033	48A11O1674	★	$135	F1	6.1	5	1/2 x 5	31,73
	1075/3	115	48Y	X004	48A11O1755	★	$156	F1	6.2	5 1/2	1/2 x 4	32
	1075/3	208-230	48Y	X005	48A11O1756	★	$158	F1	2.65-2.6	5 1/2	1/2 x 4	32
	1075/3	277	48Y	X020	48A11O1352	★	$165	F1	3.6	5 1/2	1/2 x 4	32
	1075/1	208-230	48Y	X419	48A11O2053		$161	F1	4.2	5 1/4	1/2 x 6	51,116
3/4	1625/3	230	48Y	X022	48A17O174	★	$178	F1	3.7	5 1/2	1/2 x 5 1/2	39,43
	1075/4	208-230	48Y	X241	48A11O697	★	$207	F1	5.4-5.4	5 1/2	1/2 x 6	39
	1075/3	115	48Y	X009	48A11O787	★	$182	F1	10.2	5 3/4	1/2 x 4	32
	1075/3	115	48Y	X1009	48A11OB787	★	$182	F1	10.2	5 3/4	1/2 x 4	d,4,32
	1075/3	208-230	48Y	X010	48A11O2046	★	$185	F1	5.6	5 1/2	1/2 x 4	32
	1075/3	208-230	48Y	X1010	48A11OB2046	★	$185	F1	5.6	5 1/2	1/2 x 4	d,4,32
	1075/3	277	48Y	X021	48A11O1353	★	$190	F1	5.0	5 3/4	1/2 x 4	32
1	1625/2	208-230	48Y	X211	48A17O125	★	$231	F1	6.2	6 1/4	1/2 x 2 1/2	39,42,43
	1075/3	230	48Y	X023	48A11O1583	★	$211	F1	5.3	6 1/2	1/2 x 5	34
	1075/3	208-230	48YZ	X242	48A11O756	★	$351	F1	6.2	7 1/4	5/8 x 4	39,51

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

Direct Drive Blower Motors

MARS SERIES 564

Fan and Blower - Direct Drive, PSC

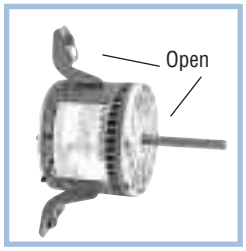
Applications: Single speed PSC motors designed to replace PSC and Shaded pole motors, used in direct drive furnace, air conditioners, and others blowers.

Features:

- Open frame and brackets
- Heavy gauge steel constructions
- Shaft with flat
- **70°C ambient**
- 37″ Leads
- Thermal overload protection
- 1/4″ terminals on the capacitor leads
- 2 1/4″ resilient rings, includes 2 1/2″ expanders
- **Capacitor not included, see Accessories section, ME-110**

Open Air Over, Resilient Ring

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	F.L. AMPS	FRAME LENGTH	SHAFT DIM.	FOOT NOTES
1/6	1625	115	48Y	X477	48A17O128	★	$128	F1	2.6	4	1/2 x 4	
	1625	230	48Y	X475	48A17O123	★	$128	F1	1.3	4	1/2 x 4	
	1075	115	48Y	X473	48A11O1046	★	$124	F1	2.9	4	1/2 x 4	
	1075	230	48Y	X471	48A11O1044	★	$124	F1	1.3	4	1/2 x 4	
1/4	1625	230	48Y	X476	48A17O124	★	$137	F1	1.8	4 1/4	1/2 x 4	
	1075	115	48Y	X472	48A11O1045	★	$129	F1	4.0	4 1/4	1/2 x 4	
	1075	230	48Y	X474	48A11O1047	★	$129	F1	2.0	4 1/4	1/2 x 4	



Applications: Residential and commercial furnaces, air conditioners, exhaust fans, and other air handling equipment installed in clean and dry environments.

Features:

- Open frames and brackets
- Three lug mount fits 9″ or 10″ bolt circle. Mounting holes on lugs are .435″ dia., with grommets and sleeves for .26″ dia. option.
- **Multi-speed capacity**
- Weather resistant reversing plug
- 30″ long leads
- Automatic reset thermal protector
- Ball Bearings
- UL Recognized and CSA Certified
- **Capacitor not included, see Accessories section, ME-110**

Open Air Over, Torsion Flex Mount

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	F.L. AMPS	FRAME LENGTH	SHAFT DIM.	FOOT NOTES
1/4	1075/4	115	48Y	X034	48A11O1773	★	$149	F1	3.3	4 1/2	1/2 x 6	
1/3	1075/4	115	48Y	X035	48A11O1774	★	$160	F1	4.5	4 1/2	1/2 x 6	
1/2	1075/4	115	48Y	X036	48A11O1772	★	$177	F1	6.0	5	1/2 x 6	

Applications: Residential and commercial furnaces, air conditioners, exhaust fans, and other air handling equipment installed in clean and dry environments.

Features:

- Enclosed frame and open end brackets
- **Multi-speed capability**
- Grommeted lead exit
- Weather resistant reversing plug
- Automatic reset thermal protector
- 7/8″ extended thru-bolts on shaft end
- Ball Bearings
- UL Recognized and CSA Certified
- **Capacitor not included, see Accessories section, ME–110**

Open Air Over, Extended Thru-Bolt, 460 Volt

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	F.L. AMPS	FRAME LENGTH	SHAFT DIM.	FOOT NOTES
1/3	1075/2	460	48Y	X037	48A11O1876	★	$278	F1	1.0	4 3/4	1/2 X 6	51
1/2	1075/2	460	48Y	X038	48A11O1874	★	$284	F1	1.6	5 1/4	1/2 X 6	51
3/4	1075/2	460	48Y	X039	48A11O1875	★	$289	F1	2.1	5 1/2	1/2 X 6	51

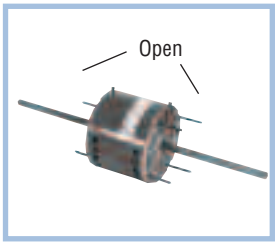
★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

MARATHON

Double Shaft Fan & Blower Motors

MARS SERIES **565**

Fan and Blower - Direct Drive, PSC, Open Air Over



Applications: Continuous air over applications, such as room air conditioners, fan coil units, and other air moving applications.

Features:

- Open frame and brackets
- **Multi-speed capability**
- Automatic reset thermal protector
- 30″ leads
- **CCW rotation, fixed lead end**
- 1″ extended Thru-bolts both end
- 20″ overall length
- Length adapter kits included where noted
- Ball Bearings (except as noted)
- UL Recognized and CSA Certified
- **Capacitor not included, see Accessories section, ME–110**

Belly Band Thru-Bolt, Double Shaft

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	F.L. AMPS	FRAME LENGTH	SHAFT DIM.	FOOT NOTES
1/8	1075/3	115	48Y	X064	48A11O2011		$123	F1	2.4	4	8 1/5 x 1/2 x 7 7/8	4
	1075/3	115	48Y	X056	48A11O901	✯	$136	F1	2.4	4	8 1/5 x 1/2 x 7 7/8	4,71
	1075/3	208-230	48Y	X065	48A11O2012	✯	$123	F1	1.0	4	8 1/5 x 1/2 x 7 7/8	
	1075/3	208-230	48Y	X057	48A11O900		$136	F1	1.0	4	8 1/5 x 1/2 x 7 7/8	4,71
1/6	1075/3	115	48Y	X048	48A11O772		$124	F1	3.0	4	8 1/5 x 1/2 x 7 7/8	4
	1075/3	115	48Y	X042	48A11O653	✯	$139	F1	3.0	4	8 1/5 x 1/2 x 7 7/8	71
	1075/3	208-230	48Y	X049	48A11O773	✯	$124	F1	1.5	4	8 1/5 x 1/2 x 7 7/8	
	1075/3	208-230	48Y	X043	48A11O654	✯	$139	F1	1.5	4	8 1/5 x 1/2 x 7 7/8	71
1/4	1625/3	208-230	48Y	X059	48A17O2002		$137	F1	1.8	4 1/4	8 x 1/2 x 7 7/8	
	1625/3	208-230	48Y	X040	48A17O69	✯	$152	F1	1.8	4 1/4	8 x 1/2 x 7 7/8	71
	1075/3	115	48Y	X066	48A11O2013	✯	$133	F1	4.2	4 1/2	7 5/8 x 1/2 x 7 7/8	d,4
	1075/3	115	48Y	X061	48A11O2022	✯	$148	F1	4.8	4 1/4	8 x 1/2 x 7 7/8	71
	1075/3	208-230	48Y	X050	48A11O774	✯	$133	F1	2.2	4 1/4	8 x 1/2 x 7 7/8	
	1075/3	208-230	48Y	X044	48A11O655	✯	$148	F1	2.2	4 1/4	8 x 1/2 x 7 7/8	71
1/3	1625/3	208-230	48Y	X060	48A17O2003		$147	F1	2.5	4 3/4	7 1/2 x 1/2 x 7 7/8	4
	1625/3	208-230	48Y	X041	48A17O70	✯	$160	F1	2.5	4 3/4	7 1/2 x 1/2 x 7 7/8	71
	1075/3	115	48Y	X070	48A11O2024	✯	$156	F1	7.8	4 3/4	7 1/2 x 1/2 x 7 7/8	71
	1075/3	208-230	48Y	X052	48A11O775	✯	$141	F1	3.4	4 3/4	7 1/2 x 1/2 x 7 7/8	
	1075/3	208-230	48Y	X045	48A11O656	✯	$156	F1	3.4	4 3/4	7 1/2 x 1/2 x 7 7/8	71
	1075/3	208-230	48Y	X258	48A11O1167	✯	$137	F1	2.3	4 1/4	6 7/8 x 1/2 x 6 7/8	
1/2	1625/3	208-230	48Y	X058	48A17O2001	✯	$180	F1	4.1	5 1/4	7 x 1/2 x 7 7/8	71
	1625/3	208-230	48Y	X069	48A17O2004		$165	F1	4.1	5 1/4	7 x 1/2 x 7 7/8	4
	1075/3	115	48Y	X071	48A11O2026	✯	$176	F1	9.4	5 1/2	6 5/8 x 1/2 x 7 7/8	71
	1075/3	208-230	48Y	X062	48A11O2009	✯	$176	F1	4.7	5 1/2	6 5/8 x 1/2 x 7 7/8	71
	1075/3	208-230	48Y	X067	48A11O2014	✯	$161	F1	4.7	5 1/2	6 5/8 x 1/2 x 7 7/8	
3/4	1075/3	208-230	48Y	X068	48A11O2015		$183	F1	5.0	5 3/4	6 3/4 x 1/2 x 6 7/8	
	1075/3	208-230	48Y	X063	48A11O2028	✯	$197	F1	5.4	5 1/2	6 5/8 x 1/2 x 7 7/8	71

✯ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

Cooling Tower: Two-Speed Blue Chip® Severe Duty, XRI®

IP55

Applications: Cooling towers, Fan and Blowers, and other severe duty environments where long life and ultra-high efficiency are desired. Guaranteed efficiencies offer an eXtra Return on your Investment when using these premium efficiency motors on high cycle or long run applications. Replacement for two-speed Marley cooling tower motors.

Features:

- Blue Chip® quality, 100% cast iron construction for rigidity and reduced vibration
- Internal and external epoxy paint
- Class F insulation
- 1.15 Service Factor
- Extended grease tubes, regreasable in service
- T-drains provided for effective drainage (Installed in both endshields)
- Shaft Slinger
- Forsheda seals on both ends
- Actual test and vibration data supplied with each motor
- Ball Bearings
- UL Recognized and CSA Certified
- Three year warranty
- Horizontal mounting only; consult Engineering for Vertical mounting

Three Phase, Totally Enclosed, Rigid Base

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES
3/.75	1800/900	460	184T	Y380	184TTFS7290		$1,287	S3	85.5	4.0/1.75	16.19	
5/1.25	1800/900	460	213T	Y381	213TTFS7238		$1,423	S3	89.5	6.0/2.4	19.72	
7.5/1.9	1800/900	460	215T	Y382	215TTFS7290	✯	$1,845	S3	89.5	9.0/3.1	19.72	
10/2.5	1800/900	460	254T	Y383	254TTFNA7210		$2,223	S3	90.2	12.0/4.0	23.52	
15/3.75	1800/900	460	256T	Y384	256TTFNA7250	✯	$2,777	S3	90.2	18.0/6.0	25.27	
20/5	1800/900	460	284T	Y385	284TTFNA7240	✯	$3,465	S3	91.7	24.0/8.5	26.34	
25/6.25	1800/900	460	286T	Y386	286TTFNA7260	✯	$4,044	S3	91.7	31.0/11.0	27.84	
30/7.5	1800/900	460	324T	Y387	324TTFS7290	✯	$4,935	S3	91.0	35.0/11.2	28.87	
40/10	1800/900	460	326T	Y388	326TTFS9210	✯	$6,167	S3	87.5	46.0/14.6	30.37	
50/13	1800/900	460	364T	Y389	364TTFS9234	✯	$7,844	S3	92.4	61.0/24.0	31.50	
60/15	1800/900	460	365T	Y390	365TTFS9230	✯	$11,353	S3	92.4	75.0/25.0	32.50	
75/18.75	1800/900	460	405T	Y391	405TTFS7297		$14,685	S3	94.1	83.0/27.0	37.12	
100/25	1800/900	460	444T	Y392	444TTFS7262		$17,761	S3	94.1	113/37.5	41.25	

Blue shaded areas are Cast Iron Frames

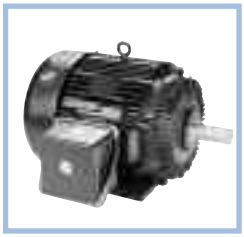
MARATHON

✯ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

HVAC Special Applications

MARS SERIES **567**

Blue Chip® Severe Duty / Cooling Tower: Single Speed EPAct Efficiency



Inverter Duty

IP55

Features:

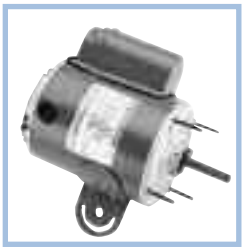
- Blue Chip® quality, 100% cast iron construction for rigidity and reduced vibration
- Internal and external epoxy paint
- Class F insulation
- 1.15 Service Factor
- Rated 60/50 hertz, 190/380 or 380 volt at next lower horsepower
- Extended grease tubes, regreasable in service
- T-drains provided for effective drainage (Installed in both endshields)
- Shaft Slinger
- Forsheda seals on both ends
- Ball Bearings
- Actual test and vibration data supplied with each motor
- UL Recognized and CSA Certified
- Suitable for 10:1 VT and CT (as noted) on VFD
- Two year warranty

Rigid Base, Three Phase

Suitable for use on VFD per guidelines on page 18.

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	CT SPEED RANGE*	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.
3	1800	230/460	182T	U867	182TTFS4557		10:1	$789	S3	87.5	8.4/4.2	15.19
5	1800	230/460	184T	U868	184TTFS4555	★	10:1	$862	S3	87.5	13.0/6.5	16.19
7 1/2	1800	230/460	213T	U869	213TTFS4550	★	10:1	$1,088	S3	89.5	20.0/10.0	18.22
10	1800	230/460	215T	U870	215TTFS4546	★	10:1	$1,246	S3	91.0	26.0/13.0	19.72
15	1800	230/460	254T	U871	254TTFNA4549	★	10:1	$1,608	S3	91.0	39.0/19.5	23.52
20	1800	230/460	256T	U872	256TTFNA4532	★	10:1	$1,891	S3	91.0	50.0/25.0	25.27
25	1800	230/460	284T	U873	284TTFPA4545	★	10:1	$2,241	S3	92.4	62.0/31.0	26.27
30	1800	230/460	286T	U874	286TTFPA4544	★	10:1	$2,622	S3	92.4	74.0/37.0	27.77
40	1800	230/460	324T	U875	324TTFPA4540	★	2:1	$3,399	S3	93.0	100/50.0	28.97
50	1800	230/460	326T	U876	326TTFPA4550	★	2:1	$4,201	S3	93.0	122/61.0	30.47

Pedestal Fan, PSC, TEAO



Features:

- Heavy gauge steel frame and yoke fan shroud mounted by four 7/8" extended stud bolts on 5-1/8" bolt circle
- **Single and multi-speed models as noted**
- Automatic reset thermal protector
- 1/2" x 2-1/2" long shaft with two flats, 90° apart
- 1.0 Service Factor
- Ball bearings (except as noted)
- **Capacitor included**
- UL Recognized and CSA Certified

48 Frame, Yoke Mount

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	F.L. AMPS	FRAME LENGTH	SHAFT DIM.	FOOT NOTES
1/4	1725	115	48Y	H804	5KH140DFK6S	★	$189	F1	4.5	6.4	9.70	d,4
	1625/1	115/230	48Y	X920	48A17T2005	★	$189	F1	3.6/1.8	7.3	10.56	17
	1075/2	115	48Y	X923	48A11T2024	★	$220	F1	3.2	6.5	9.81	17
1/3	1725	115	48Y	H805	5KH140DFK7S	★	$206	F1	5.0	6.4	9.70	d,4
	1625/1	115/230	48Y	X921	48A17T2006	★	$206	F1	3.8/1.9	7.8	11.06	17
	1075/2	115	48Y	X924	48A11T2025	★	$238	F1	4.2	6.5	9.81	17
1/2	1725	115/230	48Y	H806	5KH140DFK8S	★	$227	F1	6.9/3.5	6.8	10.2	d
	1625/1	115/230	48Y	X922	48A17T2007	★	$227	F1	5.4/2.7	8.0	11.31	17
	1075/2	115	48Y	X925	48A11T2026	★	$265	F1	5.7	7.5	10.81	17

Replacements listed may not be an exact duplicate of the original motor

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

Aeration Fan, Farm / Agricultural Duty, Single Phase

Applications: Direct drive vane axial fans. These totally enclosed/air over motors must be mounted within the airstream for proper cooling. These aeration fan motors are often used in agricultural applications.

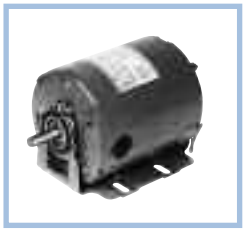
Features:

- Capacitor start design for high starting torque
- 1.0 Service Factor except as noted
- UL Recognized and CSA Certified
- 18" Leads for ease of connection
- 56Z & 143-5TZ have keyway and 1/4" x 20" UNC tapped hole

TEAO, Rigid Base

HP	RPM	VOLTS	FRAME	OVER LOAD	MARS NO.	MODEL NO.	STOCK	FORMER NO.	FORMER MODEL NO.	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
3/4	3600	115/230	56Z	AUTO	C1467	5KC37NN3544T	✯	F120	56C34T160	$242	F1	9.8/4.9	11.26	10
1	3600	115/230	56Z	AUTO	C1468	5KC49NN2081T	✯	F107	56C34T5302	$268	F1	13.0/6.5	11.74	10
1 1/2	3600	115/230	143TZ	AUTO	C1273	5KC49SN8060T	✯	F108	143TCTR5301	$540	S1	16.4/8.2	12.28	
2	3600	115/230	145TZ	AUTO	C1274	5KCR49TN8058T	✯	F109	143TCTR5302	$661	S1	17.8/8.9	12.28	1,18
3	3600	230	145T	AUTO	C1275	5KCR49ZN8061T	✯	F110	145TBTR5301	$901	S1	13.2	13.69	1,18

Attic Fan, Split Phase



Features:

- Variable torque on two speed motors
- 48Y Frame has 48/56 Frame mounting holes
- 56YZ frame with 3" shaft height, 1/2" diameter shaft, and 5/8" adapter with keyway included
- UL Recognized and CSA Certified

Dripproof, Air Over, Resilient Base

HP	RPM	VOLTS	FRAME	OVER LOAD	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
1/3	1800/1200	115	48Y	AUTO	B402	48S17D7209	✯	$194	F1	5.3/2.9	10.31	
	1800	115	48Y	AUTO	B400	48S17D997	✯	$128	F1	6.6	9.34	
1/2	1800	115	56YZ	AUTO	B401	56S17D2062	✯	$160	F1	7.8	10.47	53

Centrifugal Fan, Single Phase

Applications: Direct drive centrifugal fans installed in relatively clean and dry applications.

Features:

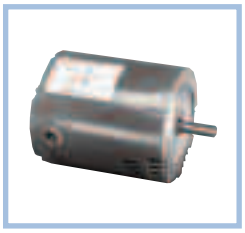
- Capacitor start/capacitor run design for high starting torque and low amps
- Ball bearings, mechanically locked on shaft end
- Heavy gauge steel frame and base
- Shafts are 1" longer than NEMA standard for extra clearance
- Rodent screens
- Thermostats for thermal overload protection
- 1.15 Service Factor (unless otherwise noted)
- UL Recognized and CSA Certified

Dripproof, Rigid Base

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
5	1800	208-230	184TZ	Z1124	184TBDW7369		$1,291	S1	23.0-21.0	16.72	13
7 1/2	1800	208-230	215TZ	Z125	215TBDR7361		$1,709	S1	35.2	19.19	
10	1800	230	215TZ	Z126	215TBDW7362		$1,804	S1	44.0	18.70	
15	1800	230	256TZ	Z127	256TBDX7028		$2,236	S1	61.0	24.06	17

✯ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

Exhaust Ventilator, Single Phase



Features:

- Split phase (except as noted)
- Thermal protection, as noted
- Service Factor, as noted
- Motors with 56CZ frames have 2-1/4 x 5/8 shaft dimensions
- Ball Bearings

Dripproof, C-Face Footless, Single Speed

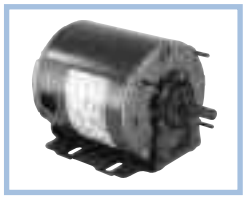
HP	RPM	VOLTS	FRAME	OVER LOAD	MARS NO.	MODEL NO.	STOCK	FORMER NO.	FORMER MODEL NO.	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
1/12	1140	115	56CZ	NONE	H204	5KH32GN142	★			$230	F1	2.4	9.62	112
	850	115	56CZ	NONE	H205	5KH37PN37	★			$333	F1	3.2	11.08	112
	850	115	56CZ	AUTO	H278	5KH37PN37X	★			$341	F1	3.2	11.08	112
1/8	1140	115	56CZ	AUTO	H287	5KH36KN112X	★			$265	F1	3.8	10.68	112
	1140	115	56CZ	NONE	H206	5KH36KN112	★			$252	F1	3.8	10.68	112
	850	115	56CZ	NONE	H207	5KH46MN3041	★			$408	F1	4.6	11.15	112
1/6	1725	115	56CZ	NONE	H208	5KH32DN111	★	B308	56S17D2053	$135	F1	4.2	9.62	20
	1140/850	115	56CZ	NONE	H222	5KH49PN3047	★			$401	F1	4.2/2.9	11.70	20
	1140	115	56CZ	AUTO	H210	5KH37PN36X	★			$294	F1	4.0	11.08	20
	1140	115	56CZ	NONE	H209	5KH37PN36	★	B380	48S11D53	$206	F1	4.0	11.08	20
1/4	1725	115	56CZ	NONE	H212	5KH33FN77	★	B309	56S17D2054	$143	F1	5.6	9.87	20
	1725	115	56CZ	AUTO	H213	5KH33FN77X	★			$215	F1	5.6	9.87	20
	1725/1140	115	56CZ	NONE	H223	5KH37PN40	★			$275	F1	4.2/2.7	11.08	20
	1140/850	115	56CZ	NONE	H224	5KH49SN3049	★			$488	F1	5.8/3.6	11.91	20
	1140	115	56CZ	NONE	H214	5KH46MN6071	★	B381	56S11D2021	$244	F1	5.6	11.15	20
	1140	115	56CZ	AUTO	H215	5KH46MN6071X	★			$336	F1	5.6	11.15	20
	850	115	56CZ	AUTO	H288	5KH49SN3023X	★			$574	F1	6.9	13.59	20
1/3	1725	115	56CZ	NONE	H217	5KH35JN121	★	B320	56S17D2055	$162	F1	6.6	10.25	20
	1725	115	56CZ	AUTO	H218	5KH35JN121X	★			$243	F1	6.6	10.25	20
	1725/1140	115	56CZ	NONE	H225	5KH46MN3040	★			$342	F1	5.7/3.2	11.15	20
	1140	115	56CZ	NONE	H219	5KH49PN6069	★			$402	F1	7.0	11.70	20
	850	115	56CZ	AUTO	H280	5KH49UN3024X	★			$602	F1	9.2	13.59	20
1/2	1725	115	56CZ	NONE	H290	5KH36MN137	★	B321	56S17D2056	$214	F1	7.2	11.31	19
	1725/1140	115	56CZ	AUTO	H282	5KH49PN3042X	★			$413	F1	8.0/4.2	11.70	19
	1725/1140	115	56CZ	NONE	H226	5KH49PN3042	★			$402	F1	8.0/4.2	11.70	19
	1140	115	56CZ	NONE	H221	5KH48UN6074	★			$456	F1	9.0	12.66	19
	1140	115/208-230	56C	NONE	G278	56C11D5304	★			$417	F1	10.6/5.1-5.3	11.94	2,19

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

Fan & Blower Motors, Single Phase

MARS SERIES 570

Fan and Blower, Split Phase, Dripproof



Features:

- Ball bearings (except as noted)
- Service Factor, as noted
- Thermal protection, as noted
- Variable torque on two speed motors
- Extended Thru-bolts, as noted
- Heavy gauge steel constructions
- 48Y and 48YZ Frame have 48/56 Frame mounting holes
- UL Recognized and CSA Certified

Resilient Base (Single & Two-Speed)

HP	RPM	VOLTS	FRAME	OVER LOAD	MARS NO.	MODEL NO.	STOCK	FORMER NO.	FORMER MODEL NO.	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
1/12	1140	115	48Z	AUTO	HG152	5KH32GN140X	✯			$230	F1	2.4	9.32	8,112
1/8	1140	115	48Z	AUTO	HG154	5KH36KN113X	✯			$254	F1	3.8	10.38	8,112
	850	115	56	AUTO	HG155	5KH46MN3021X	✯			$408	F1	4.6	10.88	112
1/6	1725/1140	115	48Z	NONE	H169	5KH36KN114	✯	B604	48S17D7206	$158	F1	3.4/1.9	10.38	8,20,54
	1725/1140	115	48Z	AUTO	H170	5KH36KN114X	✯	B605	48S17D7207	$165	F1	3.4/1.9	10.38	8,20,54
	1725/1140	115	48	NONE	4322	5KH39QN9548	✯			$190	F1	3.4/1.9	10.00	4,20
	1725/1140	115	48	AUTO	4389	5KH39QN9548X	✯			$202	F1	3.4/1.9	10.00	4,20
	1725	115	48	AUTO	4314	5KH39QN5520X	✯			$137	F1	3.9	8.93	4,20
	1725	115	48Y	AUTO	MD107■	48S17D2017	✯			$140	F1	3.6	8.99	CF,4,20
	1725	115	48	NONE	4304	5KH39QN5543	✯			$136	F1	3.9	8.93	4,20
	1725	115	48Z	AUTO	H913	5KH32DNA700X	✯			$144	F1	4.4	9.74	9,20,28
	1725	115	48Z	NONE	HG156	5KH32DN3085	✯			$133	F1	3.9	9.32	8,20
	1725	115	48Z	NONE	H912	5KH32DNA700	✯			$98	F1	4.4	9.74	d,9,20,28
	1725	115	48YZ	NONE	B300	48S17D2052	✯			$135	F1	3.6	9.32	CF,20,31,52
	1725	115	48Z	AUTO	H157	5KH32DN3085X	✯			$140	F1	3.9	9.32	8,20
	1725	115	48YZ	AUTO	B322	48S17D2053	✯			$142	F1	3.6	9.32	CF,20,31,52
	1725	115	56Z	AUTO	4350	5KH39QN5538X	✯			$143	F1	3.9	9.19	4,8,20,26
	1140	115	48	NONE	H112	5KH37PN39	✯			$225	F1	4	10.40	4,20
	1140	115	48Z	AUTO	H159	5KH37PN41X	✯			$279	F1	4	10.78	8,20
	1140	115	48	NONE	HG695	5KH37PNA233	✯			$227	F1	4	10.40	4,20
	1140	115	48Z	NONE	H158	5KH37PN41	✯			$273	F1	4	10.78	8,20
	1140	115	48	AUTO	HG113	5KH37PN39X	✯			$233	F1	4	10.40	4,20
	850	115	56	NONE	H620	5KH49PN3043	✯			$453	F1	6.1	11.48	20
1/4	1725/1140	115	48Y	AUTO	D180	48S17D7204				$172	F1	4.1/2.5	10.06	4,20
	1725/1140	115	48Z	AUTO	H172	5KH37PN33X	✯	B384	48S17D7201	$189	F1	4.2/2.7	10.69	8,20,54
	1725/1140	115	48Z	NONE	H171	5KH37PN33	✯	B383	48S17D7200	$182	F1	4.2/2.7	10.69	82,054
	1725/1140	115	48	AUTO	4399	5KH39QN9551X	✯			$233	F1	4.2/2.7	10.40	4,20,54
	1725/1140	115	56Z	AUTO	HG704	5KH35MNA568T	✯			$237	F1	5.2/2.8	10.18	17,20,48
	1725/1140	230	48	AUTO	4412	5KH39QN9550X	✯			$261	F1	2.1/1.3	10.40	4,20,39
	1725	115	48	AUTO	4305	5KH39QN5511X	✯	D127	48S17D2083	$121	F1	5.1	8.93	4,20
	1725	115	48Y	AUTO	4701	5KH39QN5512T	✯			$119	F1	5.1	9.12	4,20,47
	1725	115	48YZ	AUTO	B206	48S17D2107	✯			$125	F1	5	9.62	CF,4,20,53
	1725	115	48Z	NONE	H160	5KH32FN3083	✯			$142	F1	5.1	9.32	8,20
	1725	115	48Z	NONE	H914	5KH33FNA722	✯			$107	F1	5.6	9.99	d,10,20,28
	1725	115	48YZ	NONE	B302	48S17D2054	✯			$145	F1	5	9.57	CF,20,31,52
	1725	115	48Z	AUTO	H915	5KH33FNA722X	✯			$155	F1	5.6	9.99	9,20,28
	1725	115/230	48Y	AUTO	4702	5KH33HN5725X	✯			$151	F1	5.2/2.6	9.62	4,7,20,26
	1725	115	48Y	AUTO	HG701	5KH32DN5618X	✯			$129	F1	5.1	8.94	4,20,48
	1725	115/208-230	48Z	AUTO	4680	5KH32FN3120T	✯			$204	F1	5.0/2.5	9.94	9,20
	1725	115	48Z	AUTO	HG161	5KH32FN3083X	✯			$149	F1	5.1	9.32	8,20
	1725	115	48YZ	AUTO	B303	48S17D2055	✯			$152	F1	5	9.57	CF,20,31,52
	1725	115	56Z	AUTO	B201	56S17D2047	✯			$125	F1	5	9.47	20,32,53
	1725	115	56Z	AUTO	4363	5KH39QN5526X	✯			$164	F1	5.1	9.19	4,8,20,26
	1725	230	48	AUTO	4306	5KH39QN5537X	✯	D129	48S17D2084	$129	F1	2.5	9.09	4,20
	1725	230	48	NONE	4360	5KH39QN5548	✯			$158	F1	2.5	8.93	4,20
	1725	277	48YZ	NONE	B606	48S17D2116	✯			$162	F1	2.1	9.47	20,31,52
	1140/850	115	56	NONE	H300	5KH49SN3048	✯			$478	F1	5.8/3.6	12.01	20,31
	1140	115	56	AUTO	H163	5KH46MN6053X	✯			$331	F1	5.6	10.88	20
	1140	115	56	NONE	H162	5KH46MN6053	✯			$324	F1	5.6	10.88	20
	850	115	56	NONE	H296	5KH49SN3046	✯			$556	F1	6.9	12.01	19

■ Please note MARS has added an "M" to the front of this item.

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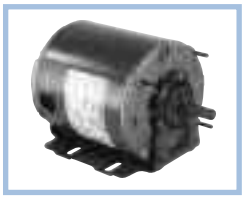
✯ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

Fan & Blower Motors, Single Phase

MARS SERIES 570

Fan and Blower, Split Phase, Dripproof



Features:

- Ball bearings (except as noted)
- Service Factor, as noted
- Thermal protection, as noted
- Variable torque on two speed motors
- Extended Thru-bolts, as noted
- Heavy gauge steel constructions
- 48Y and 48YZ Frame have 48/56 Frame mounting holes
- UL Recognized and CSA Certified

Resilient Base (Single & Two-Speed)

HP	RPM	VOLTS	FRAME	OVER LOAD	MARS NO.	MODEL NO.	STOCK	FORMER NO.	FORMER MODEL NO.	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
1/3	3450	115	48	NONE	H114	5KH35FN124	✯			$184	F1	5.6	9.57	20
	3450	115	48	AUTO	HG115	5KH35FN124X	✯			$196	F1	5.6	9.57	20
	3450	115/230	48Z	AUTO	4798	5KH35FN153T	✯			$214	F1	6.8/3.4	10.25	9,20
	1725/1140	115	48	AUTO	4319	5KH39QN9429T	✯			$238	F1	6.3/3.1	10.40	4,17,54
	1725/1140	115	48	NONE	4396	5KH39QN9683	✯			$229	F1	6.3/3.1	10.40	4,17,54
	1725/1140	115	48Y	AUTO	D181	48S17D7205				$214	F1	5.3/2.9	10.06	4,20
	1725/1140	115	56	NONE	H173	5KH46MN3025	✯	B387	56S17D7202	$230	F1	5.7/3.2	10.88	20,31
	1725/1140	115	56	AUTO	H174	5KH46MN3025X	✯	B388	56S17D7203	$236	F1	5.7/3.2	10.88	20,31
	1725/1140	115	56Z	AUTO	HG706	5KH37PNA569T	✯			$272	F1	6.0/3.8	11.01	17,48
	1725/850	115	56Z	AUTO	HG705	5KH46NN3039T	✯			$413	F1	4.7/2.6	10.90	17,48
	1725	115	48Y	AUTO	MD143■	48S17D2086	✯			$141	F1	6.1	9.34	20
	1725	115	48Y	AUTO	B703	48N17D14	✯			$190	F1	3.2	9.84	20,74
	1725	115	48Y	AUTO	HG711	5KH32HN5620T	✯			$139	F1	6.6	8.94	4,20,26,48
	1725	115	48Y	AUTO	HG700	5KHC37NNA167T	✯			$243	F1	3.7	10.39	ES,20,26,47
	1725	115	48Y	AUTO	4706	5KH39QN5514T	✯	4308	5KH39QNA002X	$132	F1	6.6	9.12	4,20,47
	1725	115	48YZ	AUTO	B207	48S17D2108	✯			$141	F1	5.5	9.62	CF,4,20,53
	1725	115	48Z	NONE	H164	5KH32JN3128	✯			$165	F1	6.2	9.32	8,20
	1725	115	48YZ	NONE	B304	48S17D2056	✯			$167	F1	5.5	9.32	CF,20,31,52
	1725	115	48Z	AUTO	H917	5KH35JNA723X	✯			$177	F1	6.9	10.37	9,20,28
	1725	115	48Z	AUTO	H165	5KH32JN3128X	✯			$170	F1	6.2	9.32	8,20
	1725	115	48YZ	AUTO	B305	48S17D2057	✯			$173	F1	5.5	9.32	CF,20,31,52
	1725	115	56Z	AUTO	B202	56S17D2048	✯			$145	F1	6.1	9.72	20,32,53
	1725	230	48Z	AUTO	H167	5KH35JN26X	✯	D145	48S17D2027	$149	F1	3.3	9.95	8,20
	1725	230	48	AUTO	4309	5KH39QN9514X	✯			$216	F1	3.1	9.18	20
	1725	115	48	NONE	4370	5KH39QN9682	✯	4050	5KH37NN85	$198	F1	6.2	9.18	20
	1725	115/230	48Y	AUTO	4707	5KH33HN5722X	✯			$168	F1	6.0/3.0	9.12	4, 7, 20, 26
	1725	115/208-230	56Z	AUTO	4682	5KH35JN3132T	✯			$229	F1	6.2/3.1	10.26	9, 20, 26, 72
	1725	230	48Z	NONE	H166	5KH35JN26	✯			$219	F1	3.3	9.95	8, 20
	1725	230	56Z	AUTO	4757	5KH39QN9636T	✯			$226	F1	3.1	9.19	7, 20, 26
	1725	277	48YZ	NONE	B607	48S17D2117	✯			$182	F1	2.5	9.72	20, 31, 52
	1725	115	56Z	AUTO	4383	5KH39QN9513X	✯			$212	F1	6.2	9.19	8, 26
	1140	115/230	56	NONE	H168	5KH49PN6055	✯			$376	F1	7.0/3.5	11.48	20
	1140	115/230	56	AUTO	HG621	5KH49PN6055X	✯			$390	F1	7.0/3.5	11.48	20
1/2	1725/1140	115	56	NONE	H175	5KH49PN3026	✯	B389	56S17D5700	$290	F1	8.0/4.2	11.48	19,31
	1725/1140	115	56	AUTO	H176	5KH49PN3026X	✯	B600	56S17D5701	$297	F1	8.0/4.2	11.48	19,31
	1725/1140	115	56	NONE	H130	5KH39QN9632	✯			$326	F1	8.4/4.8	10.32	17
	1725/1140	115	56	AUTO	H131	5KH39QN9631T	✯			$337	F1	8.4/4.8	10.32	17,31
	1725/1140	115	56Z	AUTO	HG715	5KH38SNA731T	✯			$383	F1	7.8/4.8	11.44	17,48
	1725/1140	230	56	NONE	H275	5KH49PN3045	✯			$406	F1	3.8/1.9	11.48	19,31
	1725/1140	230	56	AUTO	H133	5KH39QN9642T	✯			$352	F1	4.1/2.4	10.32	17,31
	1725	115	48Y	AUTO	D162	48S17D2087	✯			$193	F1	7.2	10.09	19
	1725	115	48Y	AUTO	HG703	5KH35MNA519T	✯			$186	F1	7.9	10.32	19,48
	1725	115	48Y	AUTO	4708	5KH39QN9401T	✯			$175	F1	7.9	9.93	4,19,47

■ Please note MARS has added an "M" to the front of this item.

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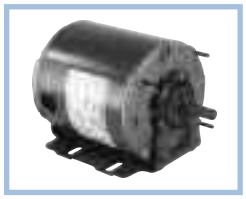
✯ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

Fan & Blower Motors, Single Phase

MARS SERIES 570

Fan and Blower, Split Phase, Dripproof



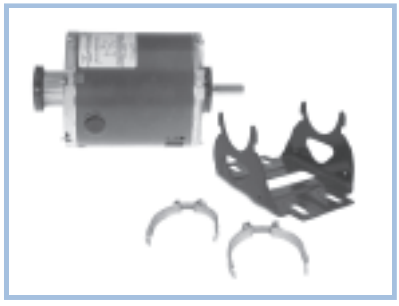
Features:

- Ball bearings (except as noted)
- Service Factor, as noted
- Thermal protection, as noted
- Variable torque on two speed motors
- Extended Thru-bolts, as noted
- Heavy gauge steel constructions
- 48Y and 48YZ Frame have 48/56 Frame mounting holes
- UL Recognized and CSA Certified

Resilient Base (Single & Two-Speed)

HP	RPM	VOLTS	FRAME	OVER LOAD	MARS NO.	MODEL NO.	STOCK	FORMER NO.	FORMER MODEL NO.	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
1/2	1725	115	48YZ	AUTO	B208	48S17D2109	★			$193	F1	7.5	10.43	CF,4,19,53
	1725	115	48YZ	NONE	B306	48S17D2058	★			$203	F1	7.5	10.32	CF,19,31,52
	1725	115	48	AUTO	HG694	5KH39QN9767X	★			$215	F1	7.1	9.99	19
	1725	115	48YZ	AUTO	B307	48S17D2059	★			$220	F1	7.5	10.32	CF,19,31,52
	1725	115	48Z	AUTO	H919	5KH36MNA735X	★			$218	F1	8.7	10.80	10,19,28
	1725	115	56	AUTO	4392	5KH39QN9405X	★	B348	56S17D2059	$214	F1	7.9	10.32	19
	1725	115	56	NONE	4390	5KH39QNA039	★			$240	F1	7.9	10.32	19
	1725	115	56	AUTO	D149	56S17D2050	★			$197	F1	7.2	10.47	19
	1725	115	56	AUTO	H248	5KH36MN3106X	★			$244	F1	9.3	10.32	19
	1725	115	56	NONE	H286	5KH36MN3106	★			$240	F1	9.3	10.32	19
	1725	115	56Z	AUTO	B200	56S17D2049	★			$197	F1	7.2	10.47	19,32,53
	1725	115	56Z	AUTO	4758	5KH39QN9698T	★			$250	F1	7.9	9.99	7,19,26
	1725	115/230	48Y	AUTO	4709	5KH36MN5729X	★			$205	F1	7.6/3.8	9.93	1,4,7,19
	1725	115/230	56	AUTO	B100	56S17D2064	★			$207	F1	7.2/3.6	10.47	19
	1725	115/230	56Z	AUTO	4684	5KH36MN3127T	★			$283	F1	8.9/4.5	10.69	9,26
	1725	230	56	AUTO	4393	5KH39QN9544X	★			$261	F1	4.5	10.32	19
	1725	230	48Y	AUTO	D163	48S17D2088	★	4759	5KH39QN9697T	$202	F1	3.6	10.09	19
	1140	115/230	56	AUTO	H298	5KH48UN6054X	★			$499	F1	9.0/4.5	12.76	19
3/4	1725	115	56	AUTO	4338	5KH39QN9541T	★	D164	56S17D2060	$256	F1	11.4	10.72	18

Furnace Blower, Split Phase



Applications: Designed for replacement of virtually any NEMA 48 and 56 frame belt drive furnace blower motors. PDQ models have 1 1/2" extended splined hub on opposite shaft end for quick and easy positioning of resilient ring to properly fit the pre-existing motor base.

Features:

- Ball bearings
- Reversible rotation connected for CCW rotation from factory
- NEMA service factors
- 4733, 4734 and 4735 have both 48 and 56 frame mounting holes and includes mounting base
- UL Recognized and CSA Certified

Open, PDQ Mounting

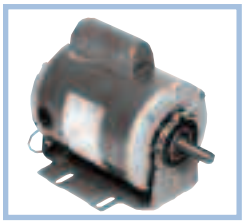
HP	RPM	VOLTS	FRAME	OVER LOAD	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	F.L AMPS	"C" DIM.	MIN/MAX BASE DIM'S	FOOT NOTES
1/4	1725	115	48Y	AUTO	4733	5KH39DNA533T	★	$148	F1	5.1	9.78	6.62" & 7.91"	
	1725	115	48Y	AUTO	4730	5KH39QN9725T	★	$136	F1	5.0	9.78	6.62" & 7.91"	30
1/3	1725	115	48Y	AUTO	4734	5KH32HNA532T	★	$159	F1	6.6	10.03	6.87" & 8.16"	
	1725	115	48Y	AUTO	4731	5KH39QN9696X	★	$146	F1	5.8	10.28	7.12" & 8.41"	30
	1725	230	48Y	AUTO	4738	5KH39QN9703T	★	$238	F1	3.1	10.28	7.12" & 8.41"	30
1/2	1725	115	48Y	AUTO	4732	5KH39QN9702T	★	$193	F1	7.9	10.66	7.50" & 8.79"	30
	1725	115	48Y	AUTO	4735	5KH33JNA534T	★	$208	F1	7.9	10.28	6.62" & 7.91"	
	1725	230	48Y	AUTO	4739	5KH39QN9704T	★	$300	F1	4.0	10.66	7.50" & 8.79"	30

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

Fan & Blower Motors, Single Phase

MARS SERIES **570**

Fan and Blower - Capacitor Start, Dripproof



Features:

- Ball bearings
- Heavy gauge steel constructions
- Service Factor, as noted
- Capacitor start / capacitor run as noted
- Thermal protection, as noted
- 48Y and 48YZ Frame have 48/56 Frame mounting holes
- UL Recognized and CSA Certified

Resilient Base (Single & Two-Speed)

HP	RPM	VOLTS	FRAME	OVER LOAD	MARS NO.	MODEL NO.	STOCK	FORMER NO.	FORMER MODEL NO.	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
1/4	1725	115/230	48	NONE	G1114	5KC35JN7J	★	G114	48C17D2036	$162	F1	5.2/2.6	9.57	20
	1725	115/208-230	48YZ	AUTO	B313	48C17D2042	★			$189	F1	5.2/2.8-2.6	9.95	CF,20,31,52
	1725	115/208-230	48YZ	NONE	B312	48C17D2041	★			$180	F1	6.2/2.8-3.1	9.72	20,31,52
	1725	115/230	48	AUTO	G1115	5KC35JN7X	★	G115	48C17D2018	$171	F1	5.2/2.6	9.57	20
1/3	1725	115/208-230	48YZ	NONE	B314	48C17D2043	★			$213	F1	5.8/3.1-2.9	10.22	20,31,52
	1725	115/208-230	48YZ	AUTO	B315	48C17D2044	★			$220	F1	5.8/3.1-2.9	10.22	20,31,52
	1725	115/208-230	56	AUTO	C216	5KC36LN1X	★	B210	56C17D2100	$225	F1	6.0/3.2-3.0	10.32	20,50
	1725	115/230	48YZ	AUTO	MD119■	48C17D2055	★			$203	F1	5.8/2.9	10.22	20,31,52
	1725	115/230	56	AUTO	G135	56C17D2088	★			$207	F1	6.4/3.2	10.22	20
1/2	3450	115/208-230	48	AUTO	D1110	5KC39QN3220X	★	D110	48C34D2022	$164	F1	8.2/3.9-4.1	11	19
	1725/1140	115	56	AUTO	C419	5KC49PN3027X	★			$467	F1	8.2/3.9	11.38	19
	1725	115/208-230	56	NONE	B1316	5KC49GN0001	★	B316	56C17D2071	$242	F1	8.8/4.2-4.4	10.38	19
	1725	115/208-230	56	AUTO	C1153	5KC49GN0022X	★			$274	F1	8.6/4.1-4.3	10.38	d,19
	1725	115/208-230	56	AUTO	B317	56C17D2072	★			$280	F1	8.0/4.1-4.0	10.32	CF,19,31
	1725	115/208-230	56Y	AUTO	B353	56B17D67	★			$298	F1	6.2/3-3.1	12.92	1,19,55
	1725	115/230	56	AUTO	D111	56C17D2079	★			$246	F1	7.2/3.6	10.72	19
	1725	115/230	56	AUTO	G151	56C17D2025	★			$246	F1	8.6/4.3	11.72	19
	1725	277	56	NONE	B608	56C17D2113	★			$275	F1	3.6	11.72	19
3/4	3450	115/208-230	56	AUTO	C1155	5KC38NN410X	★	D117	56C34D2095	$213	F1	10.0/4.9-5.0	11.32	19
	3450	115/208-230	48	AUTO	C1154	5KC38NN413X	★			$301	F1	9.8/5.0-4.9	11	19
	1725/1140	115	56	AUTO	B332	56B17D5701				$440	F1	8.9/6.1	12.85	1,19,31
	1725/1140	115	56	NONE	C420	5KCR49PN3011	★	B331	56B17D5700	$433	F1	9.0/6.4	11.48	ES,1,19
	1725/1140	208-230	56	NONE	C486	5KCR49PN3012X	★	B350	56B17D5706	$442	F1	4.3-4.4/3.1-3.2	11.48	ES,1,19
	1725/1140	115	56	AUTO	C474	5KCR49PN3011X	★			$510	F1	9.0/6.4	11.48	ES,1,19
	1725	115/208-230	56	AUTO	C1156	5KC46LN0149X	★			$330	F1	13.3/6.5-6.6	10.78	19
	1725	115/208-230	56	AUTO	B319	56C17D2074	★			$340	F1	10.0/5.2-5.0	10.72	CF,19,31
	1725	115/208-230	56	NONE	CG230	5KC46LN0158	★			$305	F1	13.2/6.2-6.6	10.78	19
	1725	115/208-230	56	NONE	B318	56C17D2073	★			$315	F1	10.0/5.2-5.0	10.72	CF,19,31
	1725	115/208-230	56	NONE	G156	56B17D2012	★			$303	F1	11.0/5.5-5.5	11.47	1,19
	1725	115/208-230	56Z	AUTO	4686	5KC46LN0269X	★			$358	F1	13.3/6.5-6.6	11.15	10,19
	1725	115/230	56	AUTO	D1113	5KC46LN0158X	★	D113	56C17D2080	$304	F1	13.2/6.6	10.78	19
	1725	277	56	NONE	B609	56B17D2013	★			$335	F1	4.3	11.47	1,19,31

■ Please note MARS has added an "M" to the front of this item.

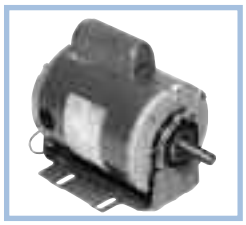
Continued on next page.

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

Fan & Blower Motors, Single Phase

MARS SERIES 570

Fan and Blower - Capacitor Start, Dripproof



Features:

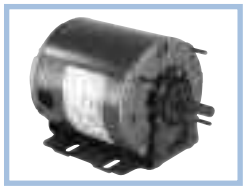
- Ball bearings
- Heavy gauge steel constructions
- Service Factor, as noted
- Capacitor start / capacitor run as noted
- Thermal protection, as noted
- 48Y and 48YZ Frame have 48/56 Frame mounting holes
- UL Recognized and CSA Certified

Resilient Base (Single & Two-Speed)

HP	RPM	VOLTS	FRAME	OVER LOAD	MARS NO.	MODEL NO.	STOCK	FORMER NO.	FORMER MODEL NO.	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
1	3450	115/208-230	56	AUTO	C1157	5KC39RN383X	★	K136	56C34D5314	$266	F1	13.4/6.7-6.6	11.85	19
	3450	115/208-230	56	AUTO	MD118■	56C34D2106	★			$249	F1	12.0/6.2-6.0	12.22	18
	1725/1140	115	56	AUTO	B335	56B17D5703	★			$548	F1	11.5/7.0	12.85	1,18,31
	1725/1140	115	56	NONE	C475	5KCR49SN3009	★	B334	56B17D5702	$541	F1	10.8/7.4	12.01	ES,1,18
	1725/1140	115	56	AUTO	C1478	5KCR49SN3009X	★			$562	F1	10.8/7.4	12.01	ES,1,18
	1725/1140	208-230	56	NONE	C476	5KCR49SN3010	★			$562	F1	5.3-5.4/3.6-3.7	12.01	ES,1,18
	1725/1140	208-230/190-380	56H	AUTO	C1479	5KCR48TN3084X				$573	F1	5.3-5.4/3.6-3.7	12.54	ES,1,17
	1725	115/208-230	56	AUTO	C1158	5KC49PN0164X	★	D114	56C17D5345	$345	F1	14.7/7.2-7.4	11.38	18
	1725	115/208-230	56Z	AUTO	4688	5KC49NN0061T	★	B311	56C17D5322	$348	F1	14.4/7.2-7.4	11.75	10,18
	1725	115/208-230	56H	NONE	C235	5KC49PN0155	★	B310	56C17D5321	$322	F1	13.6/6.7-6.8	11.38	18
	1725	277	56	NONE	B337	56C17D5348	★			$359	F1	5.6	11.85	19,32
1 1/2	3450	115/208-230	56H	AUTO	C1159	5KC49RN2152T	★			$346	F1	19.6/9.8-9.8	12.01	d,18
	3450	115/208-230	56	AUTO	MD115■	56B34D2027	★			$346	F1	13.4/7.4-6.7	11.72	1,18
	1725	115/208-230	145T	NONE	I146	145TCDR5331	★			$392	S1	18.0/9.3-9.0	13.22	18,32
	1725	115/208-230	56H	NONE	B336	56C17D5347	★			$386	F1	18.0/9.3-9.0	12.85	5,18,32
	1725	115/208-230	56H	AUTO	C1160	5KCR49SN0150X	★	B330	56C17D5316	$401	F1	16.4/8.4-8.2	11.91	ES,1,18
	1725	277	56H	NONE	B338	56C17D5349	★			$416	F1	7.5	12.85	5,18,32
2	3450	115/208-230	56H	AUTO	C1161	5KCR49RN2148T	★	D116	56B34D5340	$422	F1	19.6/10.4-9.8	11.91	ES,1,110
	3450	115/208-230	56H	AUTO	K152	56B34D5320	★			$421	F1	19.2/10.5-9.6	11.85	d,1,5,18
	1725	115/208-230	56H	AUTO	C1162	5KCR49WN0291T	★	B352	56B17D5331	$512	F1	22.0/10.9-11.0	13.96	ES,1,18
	1725	115/208-230	145T	NONE	I147	145TBDR5345	★			$412	S1	21/11.3-10.5	14.22	1,18

■ Please note MARS has added an "M" to the front of this item.

Fan and Blower, Split Phase and Capacitor Start



Features:

- Thermal protection, as noted
- 1.0 Service Factor (except as noted)
- Heavy gauge steel constructions
- Split phase (except as noted)
- Ball bearings
- UL Recognized and CSA Certified

Totally Enclosed, Resilient Base (Single & Two-Speed)

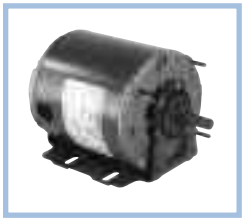
HP	RPM	VOLTS	FRAME	OVER LOAD	MARS NO.	MODEL NO.	STOCK	FORMER NO.	FORMER MODEL NO.	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
1/6	1725	115	48	NONE	HG178	5KH32EN79	★			$225	F1	4.0	9.92	
	1725	115	48	AUTO	H291	5KH32EN72X	★			$237	F1	4.0	9.92	
	1140	115	48	NONE	H233	5KH36PN109	★			$312	F1	4.0	10.98	
1/4	1725	115	48	AUTO	H234	5KH39QN9105X	★	B501	48S17T2002	$165	F1	5.1	9.92	
	1725	115	48	NONE	B1502	5KH39QN9105	★	B502	48S17T2003	$158	F1	5.1	9.92	
	1725	115/230	48	NONE	C247	5KC32GN13	★			$279	F1	5.4/2.7	9.92	2
	1725/1140	115	48	NONE	HG189	5KH36PN108	★			$312	F1	4.2/2.7	10.98	
	1140	115/230	56	NONE	HG182	5KH49MN6060	★			$359	F1	5.6/2.8	11.54	
1/3	1725	115	56	NONE	B1504	5KH35MN56	★	B504	56S17F5302	$195	F1	5.9	10.93	
	1725	115	56	AUTO	H236	5KH35MN56X	★	B500	56S17F5305	$202	F1	5.9	10.93	
	1725/1140	115	56	NONE	H190	5KH49MN3035	★			$387	F1	5.7/3.2	11.54	
	1140	115	56	NONE	HG186	5KH46PN6059	★			$413	F1	7.0	11.94	
1/2	1725	115	56	AUTO	B506	56S17F5303				$277	F1	8.4	12.30	
	1725	115	56	NONE	B1507	5KH42GN0336	★	B507	56S17F5304	$234	F1	8.0	11.11	19
	1725	115/230	56	AUTO	C289	5KC42GN0309X	★			$377	F1	8.6/4.3	11.11	2,18
	1725/1140	115	56	NONE	HG191	5KH46PN3033	★			$431	F1	8.0/4.2	11.94	
	1725/1140	230	56	NONE	H293	5KH46PN3034	★			$442	F1	3.8/1.9	11.94	
	1140	115	56	NONE	HG188	5KH49UN6064	★			$526	F1	9.0	13.07	
3/4	1725	115/230	56	AUTO	C806	5KC49PN0281X	★			$438	F1	11.0/5.5	12.54	2,17
1	1725	115/230	56	AUTO	C292	5KC49TN0285X	★			$484	F1	13.2/6.6	13.07	2

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

MARATHON

Fan & Blower Motors, Three Phase

MARS SERIES **572**



Applications: Designed for applications like commercial fans and blowers, direct and belt drive air handlers and exhaust fans.

Features:

- Ball bearings
- 1.0 Service Factor
- .62" extended thru-bolts
- UL Recognized and CSA Certified

TEAO, Resilient Base

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	F.L AMPS	"C" DIM.	FOOT NOTES
1/4	1800	230/460	48	K281	5K32GN48	✯	$262	F1	1.4/0.7	8.94	
	1200	230/460	56	K282	5K35MN294	✯	$377	F1	1.4/0.7	9.89	
1/3	1800	230/460	48	K283	5K33KN52	✯	$294	F1	1.5/0.8	9.19	
1/2	1800	208-230/460	56	K284	5K42HN4128	✯	$330	F1	2.3-2.2/1.1	10.05	
	1200	208-230/460	56	K285	5K49MN6080	✯	$442	F1	2.6-2.6/1.3	10.48	
	1200	208-230/460	56	K541	5K49MN6081	✯	$478	F1	2.6-2.6/1.3	11.54	
3/4	1800	208-230/460	56	K286	5K49KN4142	✯	$356	F1	3.3-3.0/1.5	10.48	
1	1800	208-230/460	56	K525	5K49MN4114	✯	$374	F1	3.6-3.8/1.9	10.48	

✯ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

Fan & Blower Motors, Three Phase

MARS SERIES 572

Fan & Blower - Three Phase, Dripproof

Features:

- **Single and two-speed models, as noted**
- Variable torque on two speed ratings
- Ball bearings
- Heavy gauge steel constructions
- Thermal protection, as noted
- Service Factor, as noted
- Nameplated 60/50 Hz at next lower horsepower (except as noted)
- **Patented VCD™**, Voltage Change Device where footnoted "VC"
- UL Recognized and CSA Certified

THIS MOTOR FEATURES MARATHON'S PATENTED VCD VOLTAGE CHANGE DEVICE — As Noted

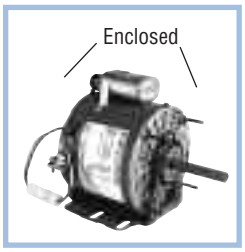
Resilient Base (Single and Two-Speed)

HP	RPM	VOLTS	FRAME	OVER LOAD	MARS NO.	MODEL NO.	STOCK	FORMER NO.	FORMER MODEL NO.	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
1/4	1800	230/460	48Z	NONE	K275	5K33GN45	✯			$248	F1	1.4/0.7	9.57	20
1/3	1800/1200	460	56	NONE	G161	56T17D5701				$327	F1	0.6/0.4	12.35	20
	1800	208-230/460	56	AUTO	G106	56T17D2104	✯			$260	F1	1.5-1.6/.8	9.97	20
	1800	208-230/460	56	NONE	G162	56T17D2121	✯			$216	F1	1.5-1.6/.8	9.97	20
	1800	575	56	NONE	G964	56T17D2117				$216	F1	0.64	9.97	20,70
1/2	1800/1200	200-230	56	NONE	K544	5K42JN3051	✯	G165	56T17D5702	$355	F1	2.4-2.8/1.5-1.7	10.05	19
	1800/1200	460	56	NONE	K546	5K42JN3050	✯	G166	56T17D5703	$355	F1	1.1/0.6	10.05	19
	1800	208-230/460	56	AUTO	K1408	5K42HN4089X	✯	G107	56T17D2097	$288	F1	2.3-2.2/1.1	10.05	19
	1800	208-230/460	56	NONE	K381	5K42HN4089	✯	G109	56T17D2096	$244	F1	2.3-2.2/1.1	10.05	19
	1800	208-230/460	56	AUTO	G140	56T17D5345	✯			$301	F1	2.3-2.4/1.2	10.85	VC,19
	1800	575	56	NONE	G961	56T17D2118	✯			$243	F1	0.9	10.47	19,70
3/4	3600	208-230/460	56	AUTO	K1409	5K37MN252X	✯	G167	56T34D5306	$264	F1	2.6-2.6/1.3	10.72	19
	1800/1200	200-230	56	NONE	K279	5K49PN3053	✯	G168	56T17D5704	$422	F1	2.8-3.0/1.6-1.8	11.48	19
	1800/1200	460	56	NONE	K280	5K49PN3052	✯	G169	56T17D5705	$422	F1	1.3/0.7	11.48	19
	1800	208-230/460	56	AUTO	K1410	5K46KN4085X	✯	G101	56T17D2099	$315	F1	3.3-3.0/1.5	10.88	19
	1800	208-230/460	56	AUTO	G141	56T17D5346	✯			$329	F1	2.9-3.0/1.5	10.85	VC,19
	1800	208-230/460	56	NONE	K277	5K46KN4085	✯	G966	56T17D2098	$273	F1	3.3-3.0/1.5	10.88	19
	1800	575	56	NONE	G962	56T17D2119	✯			$272	F1	1.1	10.97	19,70
1	3600	208-230/460	56	AUTO	K1411	5K38PN258X	✯	G180	56T34D5307	$294	F1	3.3-3.2/1.6	11.32	19
	1800/1200	200-230	56	NONE	K518	5K49SN3054	✯	G181	56T17D5706	$437	F1	3.7-3.9/2.0-2.2	12.01	18
	1800/1200	460	56	NONE	K519	5K49SN3055	✯	G182	56T17D5707	$437	F1	1.8/1.1	12.01	18
	1800	208-230/460	56	AUTO	K1412	5K46MN4087X	✯			$335	F1	3.6-3.8/1.9	10.88	d,18
	1800	208-230/460	56	AUTO	G142	56T17D5347	✯			$335	F1	3.5-3.6/1.8	11.35	VC,18
	1800	208-230/460	56H	AUTO	G100	56T17D2101	✯			$322	F1	3.4-3.4/1.7	11.47	5,18
	1800	208-230/460	56	NONE	K278	5K46MN4087	✯	G120	56T17D2100	$280	F1	3.6-3.8/1.9	10.88	18
	1800	575	56H	NONE	G963	56T17D2120	✯			$279	F1	1.4	11.47	5,18,70
1 1/2	3600	208-230/460	56H	AUTO	K1413	5K49KN2150X	✯	G183	56T34D5308	$351	F1	5.0-4.8/2.4	12.01	18
	1800/1200	200-230	56H	NONE	K520	5K48UN3056	✯	G184	56T17D5708	$450	F1	5.0-5.3/2.8-3.1	12.76	18
	1800/1200	460	56H	NONE	K549	5K48UN3057	✯	G185	56T17D5709	$450	F1	2.3/1.4	12.76	18
	1800	208-230/460	56	NONE	G122	56T17D5329	✯			$310	F1	4.8-4.8/2.4	11.35	18
	1800	208-230/460	56H	AUTO	K1415	5K49PN4088X	✯	G126	56T17D5330	$352	F1	5.5-5.6/2.8	12.01	18
	1800	208-230/460	56	AUTO	G143	56T17D5348	✯			$366	F1	4.8-4.8/2.4	11.35	VC,18
	1800	208-230/460	145T	AUTO	K2030	5KE49TN8384T	✯			$380	E6	4.5-4.4/2.2	1319	d,18,70
	1800	575	56H	AUTO	G965	56T17D5357				$351	F1	1.9	11.35	18,70
2	3600	208-230/460	56H	AUTO	K1416	5K49NN2147X	✯	G186	56T34D5309	$405	F1	6.0-6.0/3.0	12.01	18
	1800	208-230/460	56H	AUTO	G144	56T17D5349	✯			$405	F1	6.2-6.2/3.1	12.35	VC,5,18
	1800	208-230/460	56H	NONE	G127	56T17D5332	✯			$339	F1	6.2-6.2/3.1	12.35	5,18
	1800	208-230/460	56H	AUTO	K1418	5K49UN4086X	✯	G128	56T17D5333	$383	F1	6.2-6.0/3.0	13.96	18
	1800	208-230/460	145T	AUTO	K2040	5KE49UN8370T	✯			$399	E6	6.4-6.0/3.0	13.19	d,18,70
	1800	575	56H	AUTO	G967	56T17D5385				$382	F1	2.5	12.35	5,18,70
3	3600	208-230/460	56HZ	AUTO	B193	56T34D5357	✯			$454	F1	8.9-8.4/4.2	12.22	Z,5,18
	3600	208-230/460	145T	AUTO	K2037	5KE49UN8376T	✯			$443	E6	8.4-7.6/3.8	13.19	d,18,70
	1800	208-230/460	56HZ	AUTO	G145	56T17D5350	✯			$426	F1	9.2-8.6/4.3	14.22	Z,VC,5,18
	1800	208-230/460	56HZ	AUTO	K1497	5K49WN4335X	✯			$473	F1	10.2/4.8	15.31	11,18
5	3600	208-230/460	56HZ	AUTO	X251	56T34D5364	✯			$608	F1	13.5-12.4/6.2	13.49	Z,5,12,17,70
	3600	230/460	145T	AUTO	K2038	5KE49QN8375T	✯			$503	E6	12.4/6.2	14.19	d,17,70

Heating Motors

MARS SERIES 578

Unit Heater Fan, PSC, TEAO



Applications: Replacement motors for unit heaters. Air over motors need to be mounted within the airstream for proper cooling.

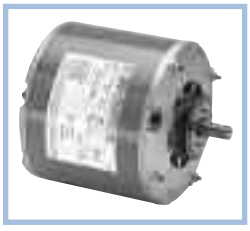
Features:

- Totally enclosed
- Direct drive, air over
- Ball Bearings
- Horizontal or vertical mount
- Weather resistant reversing plug
- BX connector mounted in frame
- 1" Extended thru-bolts
- 48Y Frame has non-standard BA dimension
- Automatic reset thermal protection
- UL Recognized and CSA Certified
- **Capacitor included**

Resilient Base

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	F.L. AMPS	FRAME LENGTH	SHAFT DIM.	FOOT NOTES
1/6	1625	115	48Y	X305	48A17T2001	✯	$153	F1	2.0	4 3/4	1/2 x 2 3/4	
	1625	115	48Y	X301	48A17T72	✯	$136	F1	2.0	5 1/4	1/2 x 2 3/4	
	1075	115	48Y	X306	48A11T2005	✯	$158	F1	3.0	4 3/4	1/2 x 2 3/4	d
	1075	115	48Y	X302	48A11T199	✯	$158	F1	3.0	4 3/4	1/2 x 2 3/4	
1/4	1075	115	48Y	X307	48A11T2006	✯	$166	F1	4.1	4 3/4	1/2 x 2 3/4	d
	1075	115	48Y	X303	48A11T198	✯	$166	F1	4.1	4 3/4	1/2 x 2 3/4	
1/3	1075	115	48Y	X304	48A11T201	✯	$183	F1	6.5	21	1/2 x 2 3/4	
	1075	115	48Y	X308	48A11T2007	✯	$183	F1	6.5	20	1/2 x 2 3/4	d

Circulator Pump, Split Phase



Applications: Direct replacements for Taco hot water circulators.

Features:

- Quiet sleeve bearing construction
- 48Z frame with 1/2" diameter shaft, 1" long without flat
- 1.40 Service Factor (except as noted)
- Fixed CCW rotation, viewed opposite shaft end
- 4722 replaces Taco No. 110-388, Marathon No. 48S17D1027, 48S17D2102
- 4404 replaces GE No. 5KH32EG129GA, Marathon No. 48S17D1084
- UL Recognized and CSA Certified

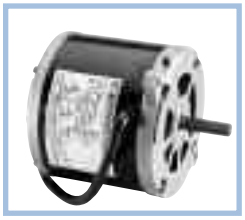
Dripproof, Resilient Ring

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	FORMER NO.	FORMER MODEL NO.	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
1/12	1800	115	48Y	4722	5KH39QN5558T	✯	X700	48S17D2102	$108	F1	2.1	7.29	4
1/8	1800	115	48Y	4404	5KH39QN5550X	✯	X701	48S17D1084	$117	F1	2.6	8.93	4
1/4	1800	115	48Y	HG716	5KH36DNA780X	✯			$258	F1	5.7	9.01	4,17
1/3	1800	115	48Y	HG717	5KH37GNA782X	✯			$275	F1	6.2	9.41	4,17

MARATHON

✯ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

Oil Burner, Split Phase and Capacitor Start



Applications: Direct replacement motors for residential and commercial oil burners and hot water pressure/steam cleaners.

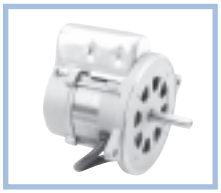
Features:

- Quiet, economical sleeve bearings
- 20″ Long leads from a 1/2″ NPT opening
- Split phase and capacitor start designs
- **Catalog numbers 4781, 4788, O010 and O011 have dripproof enclosures**
- Semi- or totally enclosed steel frame (totally enclosed footnoted with N)
- Two-bolt, NEMA N- or M-Flange direct mounting
- 1.0 Service Factor

NEMA 48M and 48N Flange Mount

HP	RPM	VOLTS	FRAME	OVER LOAD	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
1/8	3450	115	48N	MANUAL	4773	5KH39BN5016U	✯	$119	F1	2.4	7.6	d,3,4
	3450	115	48N	MANUAL	O005	48S34S2004	✯	$119	F1	2.4	7.09	3,61
	1725	115	48N	MANUAL	4782	5KH39BN5017U	✯	$104	F1	2.9	7.4	d,3,4
	1725	115	48N	MANUAL	O600	48S17T286	✯	$104	F1	2.8	7.7	CF,N,3
1/7	3450	115	48M	MANUAL	4779	5KH39BN5010Y	✯	$120	F1	2.4	7.15	3,4,15,81
	3450	115	48M	MANUAL	O100	48S34S361	✯	$128	F1	2.8	7.7	CF,3,4
1/6	3450	115	48M	MANUAL	O102	48S34S2005	✯	$136	F1	3.0	7.25	3
	1725	115	48N	MANUAL	4784	5KH39CN5018U	✯	$112	F1	3.3	7.6	d,3,4
	1725	115	48N	MANUAL	O601	48S17T290	✯	$112	F1	2.7	7.59	CF,N,3
1/5	3450	115/230	48N	MANUAL	O012	48C34S24	✯	$158	F1	3.0/1.5	8.35	2,61
1/4	3450	115	48N	MANUAL	4785	5KH32EN5015U	✯	$150	F1	4.1	8.13	3,4
	3450	115	48N	MANUAL	O004	48S34S2003	✯	$158	F1	4.2	8.13	CF,3,4
	3450	115/230	48N	MANUAL	O013	48C34S2001		$165	F1	4.4/2.2	8.6	2,4
	1725	115	48N	MANUAL	4786	5KH39DN5019U	✯	$135	F1	4.1	7.9	d,3,4
	1725	115	48N	MANUAL	O002	48S17S25	✯	$135	F1	4.2	7.59	3
1/3	3450	115/230	48N	MANUAL	4788	5KC37EN3900U	✯	$173	F1	6.0/3.0	10.13	d
	3450	115/208-230	48N	MANUAL	O010	48C34D2024	✯	$173	F1	5.6/2.7-2.8	10.34	2
	3450	115/230	48N	MANUAL	O014	48C34S20		$173	F1	5.2/2.6	8.85	2,4
	3450	115	48N	MANUAL	4774	5KH33GN5014U	✯	$161	F1	4.9	8.38	3,4
	1725	115	48N	MANUAL	4787	5KH32GN5020U	✯	$156	F1	4.8	8.13	d,3,4
	1725	115	48N	MANUAL	O003	48S17S24	✯	$156	F1	5.0	8.34	3
1/2	3450	115/230	48N	MANUAL	4781	5KC37HN3898U		$213	F1	8.2/4.1	10.13	
	3450	115/208-230	48N	MANUAL	O011	48C34D2028	✯	$213	F1	7.4/3.5-3.7	10.84	2

Oil Burner, PSC



Applications: Replacement motors for mini pumps in residential or light commercial furnaces.

Features:

- High efficiency design
- Ultra quiet performance
- 14″ cord for easy connection
- UL Recognized and CSA Certified

NEMA 48M Flange Mount

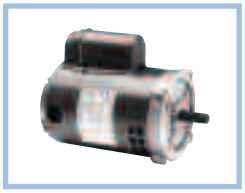
HP	RPM	VOLTS	FRAME	OVER LOAD	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
1/7	3450	115	48M	AUTO	4777	5KCP100EZA001X	✯	$111	F1	1.7	6.61	
	3450	115	48M	AUTO	O701	48A34SU1001	✯	$111	F1	1.7	6.61	

✯ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

Heating Motors

MARS SERIES 578

Oil Burner, Split Phase and Capacitor Start



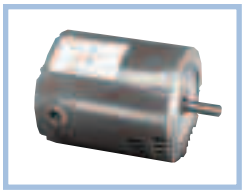
Features:

- Ball Bearings (except as noted)
- Split Phase and capacitor start designs
- NEMA 56C direct mounting
- Moderate starting torque
- Manual or automatic reset thermal protector
- NEMA Jet Pump Service Factors
- UL Recognized and CSA Certified

Dripproof, NEMA 56C, C-Face Footless

HP	RPM	VOLTS	FRAME	OVER LOAD	MARS NO.	MODEL NO.	STOCK	FORMER NO.	FORMER MODEL NO.	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
1/4	3600	115	56C	MAN	O200	56S34D2000	★			$129	F1	4.3	10.19	3,4,15,115
1/3	3600	115	56C	AUTO	O201	56S34D93	★			$123	F1	5.6	10.44	3,4,15,2
	3600	115/230	56C	AUTO	J1025	5KC37FN71X	★	J025	56C34D2111	$143	F1	6.4/3.2	10.71	2,115
	3600	115/208-230	56C	MAN	O211	56C34D2109	★			$150	F1	5.6/2.7-2.8	10.44	2,115
	3600	115/208-230	56C	AUTO	O210	56C34D2114	★			$143	F1	5.6/2.7-2.8	10.44	2,115
1/2	3600	115/208-230	56C	MAN	O213	56C34D2099	★			$164	F1	7.4/3.5-3.7	10.69	2,114
	3600	115/208-230	56C	AUTO	O212	56C34D2098	★			$157	F1	7.4/3.5-3.7	10.69	2,114
	3600	115/230	56C	AUTO	C330	5KC36JN268X	★	J009	56C34D2097	$157	F1	7.6/3.8	10.31	2,114
3/4	3600	115/208-230	56C	MAN	O215	56C34D2112	★			$191	F1	9.8/4.8-4.9	10.94	2,113
	3600	115/208-230	56C	AUTO	O214	56C34D2104	★			$185	F1	9.8/4.8-4.9	10.94	2,113
	3600	115/230	56C	AUTO	C332	5KC39NN50X	★	J013	56C34D2103	$185	F1	11.2/5.6	11.84	2,113
1	3600	115/230	56C	AUTO	C334	5KC39RN44X	★	J017	56C34D1173	$207	F1	13.2/6.6	12.59	2,112
	3600	115/208-230	56C	MAN	O217	56C34D2105	★			$214	F1	12.0/6.2-6.0	11.94	2,112
1 1/2	3600	115/208-230	56C	MAN	O231	56B34D2028	★			$290	F1	13.4/7.4-6.7	11.97	1,111
	3600	115/208-230	56C	AUTO	C336	5KC49NN2140X	★	J019	56B34D2025	$283	F1	18.4-9.8/9.2	11.38	1,111
2	3600	115/208-230	56C	AUTO	C338	5KC49TN2141X	★	J021	56B34D5325	$351	F1	21.2-11.5/10.6	13.22	1,110
	3600	115/208-230	56C	MAN	O232	56B34D5337				$359	F1	19.2/10.3-9.6	11.44	1,110
3	3600	115/230	56C	AUTO	C340	5KCR48TN2142T	★	J023	56B34D5327	$557	F1	29.4/14.7	12.66	1,18

Oil Burner, Three Phase



Features:

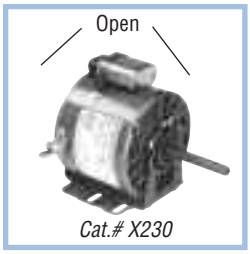
- Double sealed ball bearings
- NEMA Jet Pump Service Factors
- NEMA 56C direct mounting
- Ball Bearings
- UL Recognized and CSA Certified

Dripproof, NEMA 56C, C-Face Footless

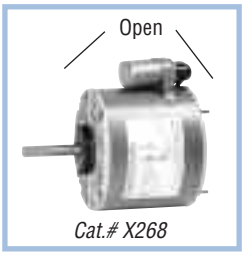
HP	RPM	VOLTS	FRAME	OVER LOAD	MARS NO.	MODEL NO.	STOCK	FORMER NO.	FORMER MODEL NO.	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
1/3	3600	208-230/460	56C	NONE	KG215	5K35FN55	*	P001	56T34D5310	$166	F1	1.5-1.8/0.9	9.88	68,115
1/2	3600	208-230/460	56C	NONE	K216	5K36JN57	*	P002	56T34D5311	$188	F1	2.0-2.0/1.0	10.31	68,114
3/4	3600	208-230/460	56C	NONE	K218	5K37MN37	*	P003	56T34D5312	$226	F1	2.6-2.6/1.3	10.7	68,113
1	3600	208-230/460	56C	NONE	K220	5K38PN47	*	P004	56T34D5313	$257	F1	3.3-3.2/1.6	11.3	68,112
1 1/2	3600	208-230/460	56C	NONE	K222	5K46KN2173	*	P005	56T34D5314	$313	F1	5.0-4.8/2.4	10.73	68,111
2	3600	208-230/460	56C	NONE	K224	5K49NN2180	*	P006	56T34D5315	$367	F1	6.0-6.0/3.0	11.33	68,110
3	3600	208-230/460	56C	NONE	K226	5K48TN2182	*	P007	56T34D5316	$412	F1	8.9-8.2/4.1	12.61	68,18

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

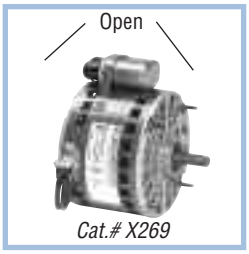
Refrigeration Fan, PSC, Open Air Over



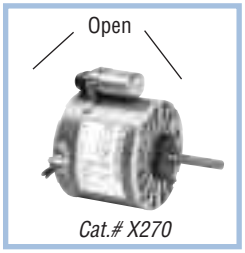
Cat.# X230



Cat.# X268



Cat.# X269



Cat.# X270

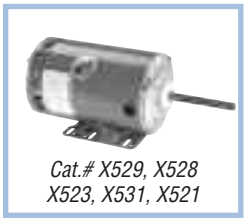
Features:

- Open end bracket
- Ball Bearings
- Automatic reset thermal protector
- BX connector included in frame (except on Catalog # X262)
- Catalog # X263 and X264 have 12″ cord and molded plug
- UL Recognized and CSA Certified
- **Capacitor included (except on Catalog # X262 and X426)**

Resilient Ring & Thru-Bolt Mount

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	F.L. AMPS	FRAME LENGTH	SHAFT DIM.	FOOT NOTES
1/6	1625	208-230	48Y	X269	48A17O147	★	$187	F1	1.2	5.00	1/2 x 1 1/2	15
1/4	1625	208-230	48Y	X270	48A17O149	★	$201	F1	1.9	5.69	1/2 x 2 1/2	16
	1075	208-230	48Y	X263	48A11O11041		$161	F1	2.0	4.25	1/2 X 3 3/4	16
	1075	208-230	48Y	X262	48A11D245	★	$169	F1	1.8	7.25	1/2 x 1 5/8	67,69,82
	1075	460	48Y	X264	48A11O11040		$164	F1	0.8	4.50	1/2 X 3 3/4	16
1/3	1625	208-230	48YZ	X230	48A17O136	★	$168	F1	1.8	5.69	1/2 x 3 1/2	15
	1075	208-230	48YZ	X268	48A11O1239	★	$206	F1	3.0	5.69	1/2 x 2 1/2	15
3/4	1075	460	48YZ	X426	48A11O1375	★	$251	F1	2.2	6.38	5/8 X 4 1/2 w/key	67,69

Refrigeration Fan Motors, Three Phase


Cat.# X529, X528
X523, X531, X521

Cat.# X507

Applications: Replacement motor for refrigeration equipment.

Features:

- **70°C ambient**
- Enclosed shaft end bracket, vented frame
- Continuous duty
- Automatic reset thermal protector
- Shaft slinger
- Threaded lead exit
- Nameplated 60/50 hertz 190/380 volts, at next lower HP
- Double sealed ball bearings
- Flat and keyway on shaft
- Patented VCD, Voltage Change Device
- Ball Bearings
- UL Recognized and CSA Certified

THIS MOTOR FEATURES MARATHON'S PATENTED VCD VOLTAGE CHANGE DEVICE — As Noted

Inverter Duty

Open Air Over, Shaft Up & Horizontal Rigid Base Mount

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	F.L. AMPS	FRAME LENGTH	SHAFT DIM.	FOOT NOTES
1/2	850	208-230/460	56HZ	X529	56T8O5531	★	$509	F1	2.9-3.0/1.5	9.62	5/8 x 5	VC,5
1	850	208-230/460	56HZ	X528	56T8O5306	★	$571	F1	5.1-5.3/2.65	10.62	5/8 x 5	VC,5
	850	208-230/460	56Y	K1482	5K48WN3013S	★	$524	F1	5.1-5.2/2.6	10.77	5/8 X 6	d
	850	208-230/460	56Y	X507	56T8O5302	★	$555	F1	5.3-5.3/2.6	12.00	5/8 x 5	VC
	850	575	56Y	K1511	5K48WN3181S	★	$524	F1	2.0	10.77	5/8 X 6	d
1 1/2	1140	208-230/460	56HZ	K1486	5K48TN6119S	★	$440	F1	5.1-5.0/2.5	10.77	5/8 X 6	d,5
	1140	208-230/460	56HZ	X523	56T11O5306	★	$466	F1	5.45-5.4/2.7	11.00	5/8 x 5	VC,5
	850	208-230/460	56HZ	X531	56T8O15504	★	$621	F1	7.0-7.0/3.5	11.50	5/8 x 5	VC,5
2	1140	208-230/460	56HZ	X525	56T11O5310	★	$505	F1	7.2-6.8/3.4	12.00	5/8 x 5	VC,5

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

Variable Torque Motors

MARS SERIES **582**

Multi-Speed: Two-Speed, One-Winding, Variable Torque

Applications: Commercial and industrial fans, blowers, pumps, and other machinery that have variable torque characteristics. Prolonged use at low speed can result in significant energy savings. Dripproof motors are intended for use in environments that are relatively clean and dry. For use outdoors an enclosure or drip cover may be required (see Accessories section).

Features:

- Ball Bearings
- 1.15 Service Factor
- UL Recognized and CSA Certified

Three Phase, Dripproof, Rigid Base

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES
3/.75	1800/900	200-230	182T	Y1484	182TTDW7412	★	$606	S3	82.7	8.8-3.8/8.0-3.6	14.19	F,13
	1800/900	460	182T	Y1485	182TTDW7203		$606	S3	82.7	4.0/1.8	13.19	13,25
5/1.25	1800/900	200-230	184T	Y486	184TTDR7287	★	$848	S3	85.5	15.0-14.0/6.0-6.2	14.72	d,F,13,25
	1800/900	200-230	184T	Y1486	184TTDW7287	★	$848	S3	85.5	14.5-13.8/5.6-6	14.19	F,13
	1800/900	460	184T	Y1487	184TTDW7209		$848	S3	85.5	6.9/3.0	14.72	13
7.5/1.88	1800/900	200-230	213T	Y488	213TTDW7202		$1,052	S3	86.5	21.6-19.8/7.6-7.8	17.30	
	1800/900	460	213T	Y489	213TTDW7201	★	$1,052	S3	87.5	9.6/3.6	17.30	
10/2.5	1800/900	200-230	215T	Y490	215TTDW17206		$1,329	S3	86.5	29.0-26.4/10.0-10.0	18.55	F,13
	1800/900	460	215T	Y491	215TTDW7201		$1,329	S3	86.5	12.5/4.5	17.30	
15/3.75	1800/900	460	256T	Y492	256TTDX7207		$1,745	S3	87.5	18.4/6.1	22.32	
20/5	1800/900	460	284T	Y493	284TTDP7202		$2,172	S3	87.5	25.0/8.0	23.49	

Multi-Speed: Two-Speed, Two-Winding, Variable Torque

Three Phase, Dripproof, Rigid Base

Additional Features: ▪ Economical two-winding design

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES
1/.25	1800/900	460	145T	Y465	145TTDR5701	★	$730	S3	79.5	1.5/0.75	12.99	5,13
1/.44	1800/1200	200-230	145T	Y449	145TTDR5703	★	$730	S3	80.0	3.4-3.2/2.0-2.0	12.99	5,13
	1800/1200	460	145T	Y450	145TTDR5704		$730	S3	78.5	1.5/1.0	12.49	5,13
1.5/.37	1800/900	460	145T	Y466	145TTDR5702	★	$801	S3	78.5	2.2/1.1	13.49	5,13
1.5/.67	1800/1200	200-230	145T	Y451	145TTDR5705	★	$801	S3	80.0	5.0-4.8/2.6-2.9	13.49	5,13
	1800/1200	460	145T	Y452	145TTDR5706	★	$801	S3	78.5	2.3/1.3	12.99	5,13
2/.5	1800/900	460	182T	Y467	182TTDR7411	★	$883	S3	80.0	3.0/1.2	13.22	d,13,25
	1800/900	460	182T	Y1467	182TTDW7411	★	$883	S3	82.0	2.8/2.15	13.19	13
2/.88	1800/1200	200-230	182T	Y453	182TTDR7413	★	$883	S3	81.0	6.5-6.3/3.5-3.5	13.72	d,13,25
	1800/1200	200-230	182T	Y1453	182TTDW7413	★	$883	S3	76.4	6.6-6.5/3.8-4	12.69	13
2/.9	1800/1200	460	182T	Y409	182TTDR7211	★	$883	S3	80.0	3.0/1.7	12.72	25
	1800/1200	460	182T	Y1409	182TTDW7211	★	$883	S3	76.4	3.3/2.0	12.69	13
3/.75	1800/900	460	184T	Y468	184TTDR7230	★	$919	S3	82.5	4.3/1.8	13.72	d,25
	1800/900	460	184T	Y1468	184TTDW7230	★	$919	S3	82.5	4/2.75	13.72	13
3/1.3	1800/1200	200-230	184T	Y454	184TTDR7286	★	$919	S3	82.5	9.3-8.5/4.9-4.6	14.72	d,13,25
	1800/1200	200-230	184T	Y1454	184TTDW7286	★	$919	S3	82.0	9.0-8.6/4.6-5	13.69	13
	1800/1200	460	184T	Y412	184TTDR7215	★	$919	S3	82.5	4.6/2.7	13.72	d,25
	1800/1200	460	184T	Y1412	184TTDW7215	★	$919	S3	82.0	4.3/2.5	13.69	13
5/1.25	1800/900	460	215T	Y469	215TTDW7205	★	$1,286	S3	86.5	6.8/3.1	17.30	
5/2.22	1800/1200	200-230	215T	Y455	215TTDW7204	★	$1,286	S3	85.5	14.5-13.0/7.3-7.0	17.30	
	1800/1200	460	215T	Y415	215TTDW7203	★	$1,286	S3	85.5	6.5/3.5	17.30	
7.5/1.9	1800/900	460	254T	Y470	254TTDX7201		$1,595	S3	85.5	10.5/4.1	20.57	
7.5/3.3	1800/1200	200-230	254T	Y456	254TTDX7278	★	$1,595	S3	87.5	20.8-18.4/11.0-10.2	22.32	
	1800/1200	460	254T	Y418	254TTDX7208	★	$1,595	S3	84.0	10.0/5.6	20.57	
10/2.5	1800/900	460	256T	Y471	256TTDX7253		$1,978	S3	86.5	12.9/5.6	22.32	
10/4.4	1800/1200	200-230	256T	Y457	256TTDX7263		$1,978	S3	88.5	28.0-26.0/15.0-14.0	22.32	
	1800/1200	460	256T	Y458	256TTDX7264	★	$1,978	S3	87.5	12.0/6.5	22.32	
15/3.8	1800/900	460	284T	Y472	284TTDP7205		$2,646	S3	88.5	18.0/6.5	23.49	
15/6.7	1800/1200	460	284T	Y459	284TTDP7221	★	$2,646	S3	87.5	18.5/9.5	23.49	
20/5	1800/900	460	286T	Y473	286TTDP7251		$3,296	S3	88.5	25.0/8.5	24.99	
20/8.9	1800/1200	460	286T	Y460	286TTDP7217		$3,296	S3	88.5	25.0/12.0	24.99	

Blue shaded areas are Cast Iron Frames

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

MARATHON

Special Application Motors

MARS SERIES 583

Hazardous Duty™ Division 1 Explosion Proof Class I and II, Groups C (as noted), D, F & G

Features:

- 1.0 Service Factor
- Automatic reset thermal protector
- Meets temperature code T3B
- Economical split phase or capacitor start designs, as noted
- UL Listed File No. E12044
- CSA Certified File No. LR47504, MC236833

Steel Frame, Single Phase, Resilent Base

HP	RPM	VOLTS	FRAME	GROUP C	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
1/4	1800	115	56	N	K032	56C17E5302		$350	F1	4.8	11.88	2,N
	1200	115	56	N	K033	56C11G5303	★	$481	F1	5.4	14.46	2,37
1/3	1800	115	56	N	K037	56C17G5308		$457	F1	6.6	13.96	2,37

Steel Frame, Single Phase,Rigid Base

HP	RPM	VOLTS	FRAME	GROUP C	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
1/12	1800	115	48	N	H454	5KH32ENB168X	★	$422	F1	1.90	9.68	3,N
1/8	1200	115	48	N	HG455	5KH36NNB166X	★	$478	F1	3.00	10.74	3,N
1/6	1800	115	48	N	HG456	5KH35LNB164X	★	$438	F1	3.30	10.31	3,N
	1200	115	56	Y	H891	5KC49LN6386X	★	$559	F1	3.80	12.47	3,N
1/4	3600	115	48	N	HG458	5KH36PNB171X	★	$453	F1	4.40	10.74	3,N
	1800	115/208-230	56	Y	G639	56C17E5314	★	$417	F1	4.8/2.3-2.4	11.97	2,N
	1800	115/230	48	Y	C646	5KC36PNB169X	★	$513	F1	4.2/2.1	10.74	2,N
	1200	115	56	Y	C1801	5KC49MN6384X	★	$667	F1	5.6	13.94	2
	1200	115/208-230	56	Y	C1802	5KC49JN6377X	★	$558	F1	6.8/3.1-3.4	13.94	d,2
	1200	115/208-230	56	Y	G650	56C11G5306	★	$558	F1	6.8/3.1-3.4	13.94	2
1/3	1800	115/208-230	56	Y	C1804	5KC49HN0713X	★	$476	F1	6.6/3.1-3.3	13.44	d,2
	1800	115/208-230	56	Y	G651	56C17G5315	★	$476	F1	6.6/3.1-3.3	13.44	2
	1500	110/220-230	56	Y	C1803	5KC49HN0719X	★	$564	F1	6.8/3.1-3.4	13.44	2,50
	1200	115/208-230	56	Y	C1805	5KC49MN6378X	★	$600	F1	7.8/3.6-3.9	13.94	d,2
	1200	115/208-230	56	Y	G652	56C11G5307	★	$600	F1	7.8/3.6-3.9	13.94	2
1/2	3600	115/208-230	56	Y	C1806	5KC49HN2508X	★	$428	F1	8.4/4.0-4.2	13.44	d,2
	3600	115/208-230	56	Y	G653	56C34G5308		$428	F1	8.4/4.0-4.2	13.44	2
	1800	115/208-230	56	Y	C1808	5KC49JN0715X	★	$520	F1	8.4/4.2-4.4	13.94	d,2
	1800	115/208-230	56	Y	G654	56C17G5316	★	$520	F1	8.8/4.2-4.4	13.94	2
	1500	110/220-230	56	Y	C1807	5KC49QN0716X	★	$578	F1	8.4/4.2-4.4	14.44	2,50
	1200	115/208-230	56	Y	C1809	5KC49SN6375X		$691	F1	9.4/4.7-5.0	14.94	2
	1200	115/208-230	56	Y	G655	56B11G5301	★	$691	F1	9.6/4.7-4.8	14.94	1
3/4	3600	115/208-230	56	Y	G656	56C34G5309		$483	F1	10.6/5.3-5.3	13.94	2
	1800	115/208-230	56	Y	C1810	5KC49QN4559X	★	$584	F1	11.0/5.4-5.5	14.44	d,2
	1800	115/208-230	56	Y	G657	56C17G5317	★	$584	F1	11.0/5.4-5.5	14.44	2
1	3600	115/208-230	56	Y	G658	56C34G5310		$521	F1	12.4/6.7-6.2	14.44	2
	1800	115/208-230	56	Y	C1811	5KC49QN0717X	★	$610	F1	13.4/6.8-6.7	14.44	d,2
	1800	115/208-230	56	Y	G659	56C17G5318	★	$610	F1	13.4/6.8-6.7	14.44	2

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

Special Application Motors

MARS SERIES 583

Hazardous Duty™ Division 1 Explosion Proof Class I and II, Groups C, D, F & G

Features:

- 1.0 Service Factor (except as noted)
- Meets temperature code T3B
- Explosion proof conduit box included, shipped loose
- UL Listed File No. E12044, MC228275
- CSA Certified File No. LR47504, MC236833
- K717 & K718 are rated for Class I Group D, Class II Groups F&G only
- Automatic Overload (except as noted)

Steel Frame, Standard and EPAct Efficiencies, Three Phase, Rigid Base

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES
1/4	1800	230/460	48	K717	5K32GNB249X	★	$541	F1	62.5	1.2/0.6	9.68	
	1800	208-230/460	56	G646	56T17E5308	★	$510	F1	71.0	1.1-1.1/.55	11.97	N
	1800	575	56	G664	56T17E5314		$510	F1	71.0	0.43	11.97	N
1/3	1800	230/460	56	K718	5K33NNB234X	★	$543	F1	74.0	1.2/0.6	11.12	d
	1800	208-230/460	56	G647	56T17E5309	★	$543	F1	74.0	1.3-1.2/.60	11.97	N
	1800	575	56	G665	56T17E5315		$543	F1	74.0	0.50	11.97	N
	1200	230/460	56	K2101	5K49FN6381X	★	$732	F1	62.0	2.2/1.1	13.44	
1/2	3600	208-230/460	56	G648	56T34G5303		$499	F1	66.5	2.1-2.4/1.2	13.44	
	1800	208-230/460	56	K2103	5K49JN4560X	★	$573	F1	68.0	2.2-2.4/1.2	13.94	d
	1800	208-230/460	56	G649	56T17G5312	★	$573	F1	68.0	2.3-2.4/1.2	13.94	
	1800	200	56	K2102	5K49JN4582X	★	$656	F1	68.0	2.75	13.94	
	1800	575	56	G666	56T17G5321	★	$573	F1	68.0	1.0	13.94	
	1200	230/460	56	K2104	5K49HN6385X	★	$772	F1	68.0	2.7/1.35	13.44	
3/4	3600	208-230/460	56	G660	56T34G5304		$547	F1	74.0	3.0-3.2/1.6	13.44	
	1800	208-230/460	56	K2106	5K49JN4561X	★	$605	F1	75.5	2.9-3.0/1.5	13.94	d
	1800	208-230/460	56	G661	56T17G5313	★	$605	F1	75.5	2.9-3.0/1.5	13.94	
	1800	200	56	K2105	5K49JN4574X	★	$699	F1	75.5	3.45	13.94	
	1800	575	56	G667	56T17G5322	★	$605	F1	75.5	1.2	13.94	
	1200	208-230/460	143T	K2107	5K49MN8349X	★	$826	F1	74.0	3.2-3.2/1.6	14.00	
	1200	208-230/460	56	K2116	5K49MN6382X	★	$821	F1	74.0	3.2-3.2/1.6	13.94	
1	3600	208-230/460	56	K2108	5K49HN2507X	★	$581	F1	74.0	3.0-3.2/1.6	13.44	d
	3600	208-230/460	56	G662	56T34G5305		$581	F1	74.0	3.9-3.6/1.8	13.44	
	1800	208-230/460	143T	**K2201**	5KE49PN4579X	★	$813	E7	82.5	3.2-3/1.5	14.50	
	1800	208-230/460	56	K2109	5K49LN4575X	★	$611	F1	77.0	3.5-3.6/1.8	13.94	d
	1800	208-230/460	56	G663	56T17G5314	★	$611	F1	77.0	3.5-3.6/1.8	13.94	
	1800	575	56	G668	56T17G5323	★	$611	F1	77.0	1.45	13.94	
	1200	208-230/460	145T	**K2202**	5KE49TN8356V	★	$984	E7	80.0	3.6-3.4/1.7	15.50	TS
	1200	230/460	56H	K2110	5K49TN6383X	★	$862	F1	77.0	3.4/1.7	15.50	
1 1/2	3600	230/460	143T	**K2203**	5KE49PN8357V	★	$753	E7	82.5	4.0/2.0	14.50	TS,18
	1800	208-230/460	56H	K2111	5K49NN4580X	★	$770	F1	80.0	4.8-4.8/2.4	14.08	
2	3600	208-230/460	145T	**K2205**	5KE49SN8355V	★	$1,129	E7	84.0	5.6-5.2/2.6	15.00	TS,18,68
	1800	208-230/460	145T	**K2206**	5KE49QN8350V	★	$941	E7	85.5	6-5.6/2.8	16.00	TS,18

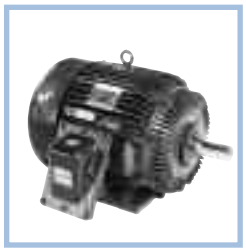
Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EPAct and/or NRCan Canadian standards.

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

Special Application Motors

MARS SERIES 583

Hazardous Duty™ Division 1 Explosion Proof Class I Only, Groups C (as noted), D



MARINE DUTY

IP54

Inverter Duty

Features:

- 10:1 Variable torque, 2:1 Constant torque
- 1.15 Service Factor
- Class F insulation
- Meets temperature code T2A
- All Cast iron construction
- Shaft slinger
- External surface treated with epoxy paint
- Nameplated 60/50 Hz, 190/380 Volts, at next lower HP
- See modification section for addition of C-Face kits (254T-445T)
- Ball bearings (except as noted)
- UL Listed File No. E12044
- CSA Certified File No. LR47504
- Two year warranty

Blue Chip®, EPAct Efficiency, Three Phase, Rigid Base

Suitable for use on VFD per guidelines on page 18.

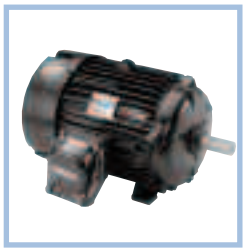
HP	RPM	VOLTS	FRAME	GROUP C	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES
1	1800	208-230/460	143T	N	U930	143TTGN1026	★	$538	E7	82.5	3.0-3.0/1.5	13.48	25,80
	1200	208-230/460	145T	N	U931	145TTGN1076		$632	E7	80.0	3.6-3.4/1.7	14.73	25,80
1 1/2	1800	208-230/460	145T	N	U933	145TTGN1026	★	$566	E7	84.0	4.6-4.4/2.2	14.73	25,80
	1200	230/460	182T	N	U934	182TTGS1076		$683	E7	85.5	5.0/2.5	17.44	25
2	3600	230/460	145T	N	U935	145TTGN1001		$628	E7	84.0	5.2/2.6	13.48	25,80
	1800	208-230/460	145T	N	U936	145TTGN1027	★	$605	E7	85.5	6.2-6.0/3.0	14.73	25,80
	1200	230/460	184T	N	U937	184TTGS1076	★	$791	E7	86.5	6.0/3.0	17.44	25
3	3600	230/460	182T	N	U938	182TTGS1001		$708	E7	85.5	7.4/3.7	16.19	25
	1800	208-230/460	182T	N	U939	182TTGS1026	★	$709	E7	87.5	9.0-8.4/4.2	16.19	25
	1200	230/460	213T	N	U940	213TTGS1076	★	$1,016	E7	87.5	9.0/4.5	19.66	25
5	3600	230/460	184T	N	U941	184TTGS1001	★	$891	E7	87.5	12.4/6.2	17.44	25
	1800	230/460	184T	N	U942	184TTGS1026	★	$789	E7	86.5	13.0/6.5	17.44	25
	1200	208-230/460	215T	N	U943	215TTGS1076	★	$1,347	E7	87.5	15.2-14.0/7.0	20.91	25
7 1/2	3600	230/460	213T	N	U944	213TTGS1001	★	$1,141	E7	88.5	19.0/9.5	20.91	25
	1800	230/460	213T	N	U945	213TTGS1026	★	$1,083	E7	89.5	20.0/10.0	19.66	25
	1200	230/460	254T	Y	U946	254TTGN1076		$1,800	E7	89.5	20.0/10.0	23.52	
10	3600	230/460	215T	N	U947	215TTGS1001	★	$1,313	E7	90.2	24.0/12.0	20.91	25
	1800	230/460	215T	N	U948	215TTGS1026	★	$1,286	E7	91.0	26.0/13.0	20.91	25
	1200	208-230/460	256T	Y	U949	256TTGN1076		$2,204	E7	89.5	29.0-26.0/13.0	25.27	
15	3600	208-230/460	254T	N	U950	254TTGP1001	★	$1,758	E7	90.2	39.0-36.0/18.0	23.69	
	1800	230/460	254T	Y	U951	254TTGN1026	★	$1,687	E7	91.0	39.0/19.5	23.52	
	1200	230/460	284T	N	U952	284TTGN1076		$3,032	E7	90.2	40.0/20.0	26.34	
20	3600	230/460	256T	Y	U953	256TTGN1001		$2,254	E7	90.2	47.0/23.5	25.27	
	1800	230/460	256T	Y	U954	256TTGN1026	★	$2,049	E7	91.0	50.0/25.0	25.27	
	1200	230/460	286T	N	U955	286TTGN1076		$3,576	E7	90.2	54.0/27.0	27.84	
25	3600	230/460	284TS	N	U956	284TSTGP1001		$2,866	E7	91.0	60.0/30.0	24.89	
	1800	230/460	284T	Y	U957	284TTGP1026	★	$2,561	E7	92.4	62.0/31.0	26.26	
	1200	230/460	324T	Y	U958	324TTGP1076		$4,472	E7	91.7	67.0/33.5	28.97	

Blue shaded areas are Cast Iron Frames

Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EPAct and/or NRCan Canadian standards.

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

Hazardous Duty™ Division 1 Explosion Proof, NEMA Premium® XRI®, Class I and II, Groups C, D, F & G



Features:

- **Meets NEMA Premium® efficiencies**
- 10:1 Variable torque, see Inverter Duty column for constant torque
- MAX GUARD® Class F insulation
- 1.15 Service Factor on sinewave or 1.0 Service Factor on IBGT power
- Normally closed thermostats (must be connected to control circuit)
- Meets temperature code T3B
- All cast iron construction
- Shaft slinger
- Internal and external surfaces treated with epoxy paint
- Extended grease tubes
- Nameplated 60/50 Hz, 190/380 Volts, at next lower HP where footnoted
- See modification section for addition of C-Face Kits (254T-445T)
- Contact Marathon Electric for F2 mounting
- Ball Bearings (except as noted)
- UL Listed File No. E12044
- CSA Certified File No. LR47504
- Three year warranty
- **Contact Marathon Electric for lower HP ratings**

MAX GUARD

MARINE DUTY

Inverter Duty

IP54

XRI ENERGY EFFICIENT MOTORS NEMA Premium

Blue Chip® Severe Duty, Three Phase, Rigid Base

Suitable for use on VFD per guidelines on page 18.

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	CT SPEED RANGE	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES
7 1/2	1200	230/460	254T	E500	254TTGN6576		10:1	$2,101	E7	91.0	19.8/9.9	23.52	20
10	1200	230/460	256T	E501	256TTGN6576		10:1	$2,534	E7	91.0	26.2/13.1	25.27	20
15	3600	230/460	254T	E502	254TTGN6507		10:1	$2,054	E7	91.7	35.0/17.5	23.52	20
	1800	230/460	254T	E503	254TTGN6531	✯	10:1	$2,042	E7	92.4	37.5/18.8	23.52	20
	1200	230/460	284T	E504	284TTGN6576	✯	10:1	$3,520	E7	91.7	41.0/20.4	26.34	20
20	1800	230/460	256T	E506	256TTGN6531	✯	10:1	$2,417	E7	93.0	48/24.1	25.27	20
	1200	230/460	286T	E507	286TTGN16577		10:1	$4,105	E7	91.7	53.6/26.8	27.69	
25	3600	230/460	284TS	E546	284TSTGN6503		10:1	$3,341	E7	93.6	56/28.1	24.97	20
	1800	230/460	284T	E547	284TTGN6533	✯	10:1	$3,075	E7	93.6	62.0/31.0	26.34	20
30	3600	230/460	286TS	E563	286TSTGN6501		10:1	$3,601	E7	93.6	67.5/34.0	26.47	20
	1800	230/460	286T	E564	286TTGN6537	✯	10:1	$3,565	E7	94.1	73.0/36.5	27.84	20
	1200	230/460	326T	E565	326TTGS6578		10:1	$6,068	E7	93.0	77.0/38.5	30.37	87

Blue shaded areas are Cast Iron Frames

Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EPAct and/or NRCan Canadian standards.

✯ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

Pressure Washer, Single Phase

Features:

- Ball bearings, shaft end mechanically locked on C-face models
- Heavy gauge steel constructions
- Capacitor start/capacitor run design for higher efficiency, as noted
- Continuous duty, 1.15 Service Factor (except as noted)
- Thermal protection on some models
- UL Recognized and CSA Certified

Dripproof, Rigid Base

HP	RPM	VOLTS	FRAME	OVER LOAD	MARS NO.	MODEL NO.	STOCK	FORMER NO.	FORMER MODEL NO.	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
3/4	3600	115	56	MANUAL	9032	5KC49MN2049Y	✯	D015	56C34D2094	$233	F1	12.5	11.14	2,17
	1800	115	56	AUTO	9030	5KC49NN0222X				$324	F1	10.5	11.14	2,17
	1800	115/208-230	56	MANUAL	K016	56B17D56				$324	F1	11.0/5.5-5.5	11.47	1
1	3600	115/208-230	56	MANUAL	D010	56B34D2029	✯			$267	F1	10.6/5.5-5.3	11.72	1
	1800	115/230	56	MANUAL	C1480	5KC49PN0161U	✯	G936	56C17D5305	$353	F1	13.6/6.8	11.38	2
1 1/2	3600	115/208-230	56	MANUAL	G987	56B34D2021				$363	F1	14.8/8.0-7.4	11.72	1
	1800	115/208-230	56H	MANUAL	G958	56B17D5323	✯			$429	F1	13.2/7.2-6.6	11.94	1,5,14
2	3600	115/208-230	56H	MANUAL	G976	56B34D5304				$449	F1	17.6/9.7-8.8	11.44	1,5,14
	1800	115/208-230	145T	MANUAL	I127	145TBDR5337	✯			$497	S1	18.8/10.2-9.4	13.49	1,14
	1800	115/208-230	56H	MANUAL	G979	56B17D5319				$566	F1	18.8/10.2-9.4	13.44	1,5,14
3	3600	208-230	56H	MANUAL	G996	56B34D5334				$576	F1	14.2-12.5	12.44	1,5,14
	1800	208-230	184T	NONE	I128	184TBDR7631	✯			$580	S1	15.4-13.7	15.22	d,1
	1800	208-230	184T	NONE	I1128	184TBDW7631	✯			$580	S1	13.8-12.8	13.69	1,13
	1800	208-230	184T	MANUAL	I130	184TBDR7630	✯			$629	S1	15.4-13.7	15.22	d,1
	1800	208-230	184T	MANUAL	I1130	184TBDW7630	✯			$629	S1	13.8-12.8	13.69	1,13
5	1800	208-230	184T	MANUAL	I1119	184TBDW7375		I119	184TBDR7375	$829	S1	25.0-24.1	16.22	1,13
	1800	208-230	184T	NONE	I131	184TBDR7632	✯			$837	S1	25.0-24.1	16.22	d,1
	1800	208-230	184T	NONE	I1131	184TBDW7632	✯			$837	S1	22.0-20.0	15.19	1,13

Dripproof, C-Face with Rigid Base

HP	RPM	VOLTS	FRAME	OVER LOAD	MARS NO.	MODEL NO.	STOCK	FORMER NO.	FORMER MODEL NO.	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
1 1/2	3600	115/208-230	56C	MANUAL	K212	56B34D2018				$380	F1	14.8/8.0-7.4	11.72	
	1800	115/208-230	56HC	MANUAL	G290	56B17D5328				$445	F1	13.2/7.2-6.6	11.94	5
2	3600	115/208-230	56HC	MANUAL	G294	56B34D5307				$464	F1	16.8/9.4-8.4	11.44	5
	1800	115/208-230	56HC	MANUAL	K232	56B17D5322	✯			$554	F1	18.8/10.2-9.4	13.43	5
3	3600	208-230	56HC	MANUAL	K219	56B34D5336				$591	F1	14.2-12.5	12.44	5
	1800	208-230	184TC	MANUAL	I1305	184TBDW7628		I305	184TBDR7628	$689	S1	15.4-13.7	15.96	1,13
5	1800	208-230	184TC	MANUAL	I1308	184TBDW7634		I308	184TBDR7634	$949	S1	25.0-24.1	16.96	1,13

✯ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

Special Application Motors

MARS SERIES 583

Pressure Washer, Single Phase

Features:

- Ball bearings, shaft end mechanically locked on C-face models
- Heavy gauge steel constructions
- Capacitor start/capacitor run design for higher efficiency, as noted
- Continuous duty, 1.15 Service Factor
- Manual reset thermal protector
- UL Recognized and CSA Certified

Totally Enclosed Fan Cooled, Rigid Base

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
3/4	3600	115/208-230	56	G379	56C34F5309	★	$259	F1	10.6/5.3-5.3	12.32	2,14
	1800	115/208-230	56	G356	56C17F5308	★	$357	F1	11.0/5.4-5.5	12.32	2,14
1	3600	115/208-230	56	G390	56C34F5311	★	$293	F1	12.4/6.7-6.2	12.32	2,14
	1800	115/208-230	56	G373	56C17F5311	★	$374	F1	13.4/6.8-6.7	12.82	2,14
1 1/2	3600	115/208-230	56	K332	56B34F5303		$397	F1	12.1/6.9-6.1	13.32	1,14
	1800	115/208-230	56H	G378	56B17F5302	★	$429	F1	15.2/8.2-7.6	13.82	1,5,14
2	1800	115/230	145T	I702	145TBFR5336		$550	S1	18.8/9.4	14.87	1,14

Totally Enclosed Fan Cooled, C-Face with Rigid Base

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
1/2	1800	115/208-230	56C	G380	56C17F5957		$330	F1	8.8/4.2-4.4	11.82	2
3/4	1800	115/208-230	56C	G381	56C17F5955	★	$395	F1	11/5.4-5.5	12.32	2
1	1800	115/208-230	56C	G382	56C17F5956	★	$413	F1	13.4/6.8-6.7	12.82	2
1 1/2	3600	115/208-230	56C	K612	56B34F5306	★	$412	F1	12.1/6.9-6.0	13.32	1
	1800	115/208-230	56HC	G396	56B17F5310	★	$471	F1	13.6/7.5-6.8	13.82	1,5
2	3600	115/230	56HC	K615	56B34F5312	★	$489	F1	17.5/8.7	13.32	1,5
	1800	115/230	145TC	I311	145TBFR5333		$666	S1	18.8/9.4	14.87	1
	1800	115/230	56HC	K319	56B17F5319	★	$559	F1	18.8/9.4	14.82	1,5
3	3600	230	56HC	K618	56B34F5318	★	$617	F1	11.8	14.82	1,5
	1800	230	184TC	I314	184TBFR7041	★	$838	S1	13.7	17.61	d,1
	1800	230	184TC	I1314	184TBFW7041	★	$838	S1	12.8	14.96	1,13
5	1800	230	184TC	I315	184TBFR7034	★	$1,000	S1	21.0	18.72	d,1,17
	1800	230	184TC	I1315	184TBFW7034	★	$1,000	S1	19.5	17.47	1,13,17

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

MARATHON

Air Compressor, Single Phase

Features:

- Capacitor start / capacitor run design for low amps and high efficiency, as noted
- High starting and breakdown torque
- Heavy gauge steel frame and base
- Continuous duty at nameplate ratings
- Thermal protection, as noted
- UL Recognized and CSA Certified

Dripproof, Rigid Base

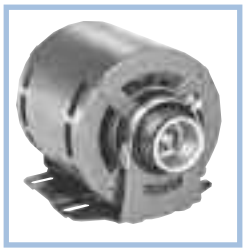
HP	RPM	VOLTS	FRAME	OVER LOAD	MARS NO.	MODEL NO.	STOCK	FORMER NO.	FORMER MODEL NO.	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
1/2	3600	115	56	MANUAL	9031	5KC49MN2043Y	★	D014	56C34D2107	$201	F1	11.5	11.14	2,17
	1800	115/208-230	56	MANUAL	C169	5KC49GN0010Y	★	G912	56C17D2013	$266	F1	8.8/4.4	10.38	2
3/4	3600	115	56	MANUAL	9032	5KC49MN2049Y	★	D015	56C34D2094	$233	F1	12.5	11.14	2,17
	1800	115/208-230	56	MANUAL	K016	56B17D56				$324	F1	11.0/5.5	11.47	1
1	3600	115/208-230	56	MANUAL	D010	56B34D2029	★	9033	5KC49NN2050Y	$267	F1	10.6/5.5-5.3	11.72	1
	1800	115/208-230	56	MANUAL	C1480	5KC49PN0161Y	★	G936	56C17D5305	$353	F1	13.6/6.8	11.38	2
1 1/2	3600	115/208-230	56	MANUAL	C704	5KC49PN2521Y	★	D018	56B34D133	$345	F1	21.3/10.6	11.91	2
	1800	115/208-230	56H	MANUAL	G951	56C17D5308	★	C1299	5KCR48WN0756Y	$414	F1	18.0/9.3-9.0	12.44	2,5,7
2	3600	115/208-230	56H	MANUAL	9035	5KCR48TN2650Y	★	D012	56B34D5318	$432	F1	15.0/7.5	11.14	ES,1,17
	1800	115/208-230	145T	MANUAL	I127	145TBDR5337	★			$497	S1	18.8/10.2-9.4	13.49	1,7
3	3600	230	56H	MANUAL	9036	5KCR48UN2653Y	★	D013	56B34D5332	$563	F1	15.0	11.44	ES,1,17
	1800	230	184T	NONE	Z502	184TBDR5326	★			$520	S1	12.6	14.27	1
SPCL	3600	230	56	MANUAL	9040	5KCR48UN2654Y	★			$504	F1	15.0	12.1	ES,1
5	3600	230	56H	MANUAL	9038	5KCR49ZN2151U	★			$599	F1	21.0	15.04	ES,1,5 ,17
	3600	230	56H	MANUAL	D017	56B34D5302	★			$599	F1	20.0	13.94	1,5
	3600	230	184T	NONE	Z504	184TBDR5301				$730	S1	20.0	14.77	1
	1800	208-230	184T	MANUAL	I1119	184TBDR7375	★	I119	184TBDR7375	$829	S1	25.0-24.1	16.22	1,13
	1800	208-230	184T	NONE	I114	184TBDR7026	★			$488	S1	23.0-21.0	15.70	1
	1800	208-230	184T	NONE	I1114	184TBDW7026	★			$642	S1	23.0-21.0	14.69	1,13
	1800	208-230	184T	NONE	Z1506	184TBDR7656		Z506	184TBDR7656	$625	S1	22.0-20.0	15.21	1,13
7 1/2	3600	208-230	184T	NONE	I1108	184TBDW7001	★			$720	S1	34.3-31.0	16.69	1,13
	3600	208-230	213T	NONE	I105	213TCDW7001	★			$974	S1	40.0-37.0	16.55	2
	1800	208-230	215T	NONE	I115	215TBDW7026	★			$961	S1	37.2-34.5	18.05	1
10	1800	208-230	215T	NONE	I116	215TBDW7028	★			$1,237	S1	49.0-44.0	19.3	1

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

Special Application Motors

MARS SERIES 583

Carbonator Pump, Split Phase



Features:

- Ball bearings (except as noted)
- Completely interchangeable with OEM units
- Automatic reset thermal protector
- UL Recognized and CSA Certified

Dripproof

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	SERVICE FACTOR	F.L. AMPS	"C" DIM.	FOOT NOTES
1/4	1800/1500	208-240	48Y	H451	5KH32GNB813X	★	$155	F1	1.0	2.3-2.4	7.69	12,68
	1800/1500	115/230	48Z	H344	5KH36KNB633X	★	$129	F1	1.0	4.3/2.2	8.75	12
	1800	115	48Y	4725	5KH32DN5587X	★	$129	F1	1.0	5.0	7.69	4,12
	1800	115	48Y	HG679	5KH32DN5597X	★	$123	F1	1.0	5.0	7.69	4,82
1/3	1800/1500	100-120/200-240	48Y	HG681	5KH32GNB814X	★	$162	F1	1.0	5.5-5.6/2.7-2.8	7.69	68,82
	1800/1500	100-120/200-240	48Y	H683	5KH33GNA444X	★	$182	F1	1.0	5.5-5.6/2.7-2.8	7.94	12
	1800/1500	100-120/200-240	48Y	4805	5KH32GNB811X	★	$169	F1	1.0	5.5-5.6/2.7-2.8	7.69	12,68
	1800/1500	220-240	48Y	H450	5KH32GNB812X	★	$164	F1	1.0	2.7-2.7	7.69	12,68
	1800	115	48Y	4406	5KH32FN5586X	★	$141	F1	1.15	5.6	7.69	4,12
	1800	115	48Y	HG680	5KH32FN5598X	★	$136	F1	1.15	5.6	7.69	4,82
	1800	115	48Y	H682	5KH32ENA443X	★	$164	F1	1.0	6.1	7.69	12
1/2	1800	115	48Y	H926	5KH36MNB637X	★	$211	F1	1.0	7.2	8.75	12
	1800/1500	100-120/200-240	48Y	H684	5KH36MNA445X	★	$211	F1	1.0	7.1-7.2/3.4-3.6	8.75	12,68
3/4	1800	115/230	48Y	HG714	5KH37PNA479X	★	$281	F1	1.0	10.4/5.2	9.15	12

Dripproof, Double Shaft

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	SERVICE FACTOR	F.L. AMPS	"C" DIM.	FOOT NOTES
1/3	1800/1500	100-120/200-240	48Y	H712	5KH32GNB815X	★	$173	F1	1.0	5.5-5.6/2.7-2.8	9.47	68

Transformer Cooling Fan Replacement

Features:

- External cooling air required
- Reversible rotation
- Ball Bearings
- Optional extended clamp screws
- Z shaft is .50 x 2.25" with 1.91" Flat

TEAO, Single Speed, Rigid Base, Single Phase

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
1/20	1625	115/200-230	48Z	PG240	5KCP35CNA490S	★	$304	F1	1.5/.07-0.8	10.32	9,25,50,94,113
1/3	1075	115/200-230	56Z	P241	5KCP36RNA491S	★	$384	F1	4.4/2.1-2.2	10.75	9,25,50,94,113

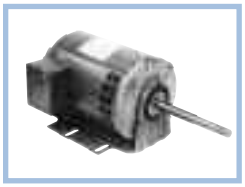
TEAO, Single Speed, Rigid Base, Three Phase

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
1/3	1200	200-230/460	56	K1487	5K49MN6126T	★	$539	F1	2.1-2.0/1.0	10.38	68,113

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

MARATHON

Commercial Laundry Dryer



Applications: Commercial laundry dryer motors.

Features:
- Replaces Huebsch commercial laundry dryer motors
- Automatic reset thermal protection
- Special threaded shaft extension
- X602 has 3/4" shaft adapter included
- Ball bearings
- 48YZ have 48/56 Fr. mounting holes

Single Phase, Dripproof, Resilient Base

HP	RPM	VOLTS	FRAME	MARS NO. NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
1/4	1725	100-120/200-240	48YZ	X600	48C17D2057		$222	F1	5.4-6.6/2.7-3.3	12.02	16,68
1/3	1725	115/208-230	56Z	X601	56C17D2101	★	$263	F1	5.8/2.8-2.9	14.41	16
1/2	1725	115/208-230	56Z	X602	56C17D2102	★	$324	F1	8.0/4.0-4.0	15.41	16
3/4	1725	115/208-230	56Z	X603	56C17D5346	★	$408	F1	12.0/5.8-6.0	15.10	16

Commercial Laundry Dryer

Applications: Commercial laundry dryer motors.

Features:
- Replaces Huebsch commercial laundry dryer motors
- Automatic reset thermal protection
- Special threaded shaft extension on X605
- Ball bearings
- 48YZ have 48/56 Fr. mounting holes

Three Phase, Dripproof, C-Face, Resilient Base, or Rigid Base

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
1/4	3450	200-240/460-480	56CZ	X610	56T34D5375	★	$230	F1	1.4-1.8/0.8-0.9	11.80	d,68
	1725	200-240/460-480	48YZ	X605	48T17D2002		$249	F1	1.3-1.8/0.8-0.9	12.02	12,68
1/3	1725	230/460	56	X606	56T17D3318		$289	F1	1.6/0.8	10.35	68
1/2	1725	230/460	56Z	X607	56T17D3320		$347	F1	1.7/0.85	15.10	68
3/4	1725	230/460	56Z	X608	56T17D3319		$421	F1	2.4/1.2	15.60	68
	1140	208-203/460	56	X609	56T11D5317		$539	F1	3.1-3.1/1.55	11.44	12

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

Special Application Motors

MARS SERIES 583

Farm Duty / Agriculture, High Torque

Features:

- Ball bearings, shaft end mechanically locked on C-face models
- 1.15 Service Factor (except as noted)
- Capacitor start design for high starting torque
- Capacitor start/capacitor run design for higher efficiency, as noted
- Low temperature manual reset thermal protector
- Totally enclosed and fully gasketed construction for dirty environments
- Condensate drains
- Shaft slinger
- UL Recognized and CSA Certified

Single Phase, TEFC, Rigid Base

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
1/3	1800	115/230	56	F13E1	5KC42GN0051Y	✯	$266	F1	7.8/3.9	11.00	d
	1800	115/208-230	56	F101	56C17F5324	✯	$266	F1	6.6/3.1-3.3	11.82	
1/2	1800	115/208-230	56	F12E1	5KC46GN0050Y	✯	$304	F1	9.0/4.5-4.5	11.83	d
	1800	115/208-230	56	F102	56C17F5325	✯	$304	F1	8.8/4.2-4.4	11.82	
3/4	1800	115/230	56	F34E1	5KC46PN0062Y	✯	$363	F1	11.0/5.5	11.83	d,17
	1800	115/208-230	56	F103	56C17F5326	✯	$363	F1	11.0/5.4-5.5	12.32	
1	1800	115/208-230	143T	Z123	143TCFR5328	✯	$420	S1	13.4/6.8-6.7	12.87	
	1800	115/230	56	F10E1	5KC49TN0063Y	✯	$395	F1	13.2/6.6	12.96	d,17
	1800	115/208-230	143T	F104	56C17F5327	✯	$395	F1	13.4/6.8-6.7	12.82	
1 1/2	1800	115/208-230	145T	F15E1	5KCR48WN0292Y		$495	S1	14.5/7.1-7.3	14.07	ES,1
	1800	115/208-230	145T	Z118	145TBFR5328	✯	$495	S1	15.2/8.2-7.6	13.87	1
	1800	115/208-230	56H	F100	5KCR48WN0273Y	✯	$486	F1	14.5/7.1-7.3	13.82	d,ES,1
	1800	115/208-230	56H	F105	56B17F5307	✯	$486	F1	15.2/8.2-7.6	13.82	ES,1
2	1800	115/230	145T	Z128	145TBFR5341	✯	$550	S1	18.8/9.4	14.87	1
	1800	208-230	145T	C1904	5KCR49ZN0564Y	✯	$550	S1	9.2	14.63	d,1,17
	1800	115/230	182T	Z119	182TCFR7072	✯	$599	S1	26.8/13.4	15.53	d
	1800	115/230	182T	Z1119	182TCFW7072	✯	$599	S1	24.0/12.0	14.46	13
3	1800	230	184T	Z120	184TCFR7061	✯	$746	S1	17.0	18.03	d
	1800	230	184T	Z1120	184TBFW17045	✯	$746	S1	14.2	14.96	1,13
5	1800	230	184T	Z121	184TBFR7737	✯	$908	S1	20.2	18.06	d,1
	1800	230	184T	Z1121	184TBFW7737	✯	$908	S1	19.5	17.45	1,13
7 1/2	1800	230	215T	Z122	215TBFW7029	✯	$1,347	S1	30.0	21.48	1

Single Phase, TEFC, C-Face Footed (Rigid Base)

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
1/3	1800	115/208-230	56C	F131	56C17F5358	✯	$325	F1	6.6/3.1-3.3	11.82	
1/2	1800	115/208-230	56C	F132	56C17F5912	✯	$363	F1	8.8/4.2-4.4	11.82	
3/4	1800	115/208-230	56C	F133	56C17F5913	✯	$422	F1	11/5.4-5.5	12.32	
1	1800	115/208-230	56C	F134	56C17F5914	✯	$454	F1	13.4/6.8-6.7	12.82	
1 1/2	1800	115/208-230	56HC	F135	56B17F5584	✯	$545	F1	15.2/8.2-7.6	13.82	1,5
2	1800	115/230	56HC	K319	56B17F5319	✯	$559	F1	18.8/9.4	14.82	1,5
3	1800	230	184TC	I314	184TBFR7041	✯	$838	S1	13.7	17.61	d,1
	1800	230	184TC	I1314	184TBFW7041	✯	$838	S1	12.8	14.96	1,13
5	1800	230	184TC	I315	184TBFR7034	✯	$1,000	S1	21.0	18.72	d,1
	1800	230	184TC	I1315	184TBFW7034	✯	$1,000	S1	19.5	17.45	1,13

✯ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

Jet Pump, Two-Compartment

Features:

- Two-compartment design for easy servicing
- 50° C Ambient
- Fixed CW rotation, viewed opposite shaft end
- UL Recognized and CSA Certified

Single Phase, Dripproof, C-Face Footless, 56C/56J

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	SERVICE FACTOR	F.L. AMPS	"C" DIM.	FOOT NOTES
1/3	3600	115	56C	H439	5KH39EN2552X	★	$176	F1	1.75	6.2	11.03	3
	3600	115	56J	H440	5KH39EN2506X	★	$179	F1	1.75	6.2	11.54	3
	3600	115	56J	H685	5KH39EN2887X	★	$186	F1	1.75	6.2	11.54	3
	3600	115/230	56C	C1081	5KC39EN2553X	★	$194	F1	1.75	6.2/3.1	11.03	2
	3600	115/230	56J	C1087	5KC39EN2500X	★	$200	F1	1.75	6.2/3.1	11.54	2
1/2	3600	115/230	56C	C1082	5KC39HN2554X	★	$204	F1	1.6	8.2/4.1	11.03	2
	3600	115/230	56J	C1088	5KC39HN2501X	★	$208	F1	1.6	8.2/4.1	11.54	2
	3600	115/230	56J	C1462	5KC39HN2888X	★	$214	F1	1.6	8.2/4.1	11.54	2
3/4	3600	115/230	56C	C1083	5KC33MN2555X	★	$226	F1	1.5	11.6/5.8	12.01	2
	3600	115/230	56J	C1089	5KC33MN2502X	★	$232	F1	1.5	11.6/5.8	12.42	2
	3600	115/230	56J	C1463	5KC33MN2889X	★	$238	F1	1.5	11.6/5.8	12.42	2
1	3600	115/230	56C	C1084	5KC39SN2810X	★	$259	F1	1.4	14.2/7.1	13.47	2
	3600	115/230	56J	C1090	5KC39SN2812X	★	$265	F1	1.4	14.2/7.1	13.98	2
	3600	115/230	56J	C1464	5KC39SN2890X	★	$269	F1	1.4	14.2/7.1	13.98	2
1 1/2	3600	115/230	56C	C1085	5KCR39SN2557X	★	$344	F1	1.3	15.8/7.9	13.47	1
	3600	115/230	56J	C1091	5KCR39SN2504X	★	$351	F1	1.3	15.8/7.9	13.98	1
	3600	115/230	56J	C1465	5KCR39SN2891X	★	$355	F1	1.3	15.8/7.9	13.98	1
2	3600	115/230	56C	C1086	5KCR39UN2558X	★	$420	F1	1.2	19.2/9.6	13.47	1
	3600	115/230	56J	C1092	5KCR39UN2505X	★	$426	F1	1.2	19.2/9.6	13.98	1
	3600	115/230	56J	C1466	5KCR39UN2892X	★	$431	F1	1.2	19.2/9.6	13.98	1

Single Phase, Dripproof, Square Flange

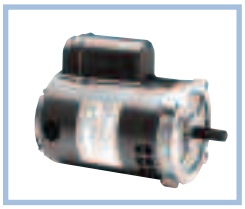
HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	SERVICE FACTOR	F.L. AMPS	"C" DIM.	FOOT NOTES
1/3	3600	115/230	56Y	C1168	5KC36GN2507X	★	$200	F1	1.95	6.4/3.2	11.59	2
1/2	3600	115/230	56Y	C1169	5KC36MN2508X	★	$201	F1	1.9	10.8/5.4	11.59	2
3/4	3600	115/230	56Y	C1170	5KC38PN2509X	★	$211	F1	1.65	12.6/6.3	12.59	2
1	3600	115/230	56Y	C1171	5KC38SN2510X	★	$238	F1	1.65	16.4/8.2	12.59	2
1 1/2	3600	230	56Y	C1172	5KCR39UN2511X	★	$273	F1	1.5	7.6	13.12	1
2	3600	230	56Y	C1173	5KCR39UN2512X	★	$363	F1	1.3	8.7	13.12	1

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

Pump Motors

MARS SERIES 584

Centrifugal Pump (Jet Pump)



Features:

- Service Factor, as noted
- Double sealed ball bearings, mechanically locked on shaft end
- Capacitor start design for high starting torque
- Capacitor start/capacitor run design for higher efficiency, as noted
- Fixed CW rotation, viewed opposite shaft end
- Automatic reset thermal protector
- 56C = carbon steel shaft with key, drip cover not included, see Accessories Section
- 56J = 416 stainless steel threaded shaft with slinger, drip cover included
- UL Recognized and CSA Certified

Single Phase, Dripproof, C-Face Footless, 56C/56J

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	FORMER NO.	FORMER MODEL NO.	LIST PRICE	MULT. SYMB.	SERVICE FACTOR	F.L. AMPS	"C" DIM.	FOOT NOTES
1/3	3600	115/230	56C	J1025	5KC37FN71X	✯	J025	56C34D2111	$143	F1	1.75	6.4/3.2	10.71	
	3600	115/230	56J	C329	5KC37FN65X	✯	J033	56C34D2110	$151	F1	1.75	6.4/3.2	11.22	15
	1800/1500	115/208-230	56J	C683	5KC36LN84X	✯			$326	F1	1.35	6.0/3.2-3.0	10.82	15,50
1/2	3600	115/230	56C	C330	5KC36JN268X	✯	J009	56C34D2097	$157	F1	1.6	7.6/3.8	10.31	
	3600	115/230	56J	C331	5KC36JN269X	✯	J034	56C34D2096	$164	F1	1.6	7.6/3.8	10.82	15
3/4	3600	115/230	56C	C332	5KC39NN50X	✯	J013	56C34D2103	$185	F1	1.5	11.2/5.6	11.84	
	3600	115/230	56J	C333	5KC39QN3219X	✯	J035	56C34D2102	$192	F1	1.5	11.2/5.6	12.40	15
	2900	110/220	56C	CG732	5KC39RN114T	✯			$318	F1	1.5	9.8/4.9	12.60	50
1	3600	115/230	56C	C334	5KC39RN44X	✯	J017	56C34D1173	$207	F1	1.4	13.2/6.6	12.59	
	3600	115/230	56J	C335	5KC39RN45X	✯	J036	56C34D1172	$213	F1	1.4	13.2/6.6	13.14	15
1 1/2	3600	115/208-230	56C	C336	5KC49NN2140X	✯	J019	56B34D2025	$283	F1	1.3	18.4/9.8-9.2	11.38	
	3600	115/230	56J	C337	5KC49NN2167X	✯	J037	56B34D2024	$300	F1	1.3	18.4/9.2	11.89	
2	3600	115/208-230	56C	C338	5KC49TN2141X	✯	J021	56B34D5325	$351	F1	1.2	21.2/11.5-10.6	13.22	
	3600	115/208-230	56J	C339	5KC49TN2170X	✯	J038	56B34D5326	$368	F1	1.2	21.2/10.6	13.73	
3	3600	115/230	56C	C340	5KCR48TN2142T	✯	J023	56B34D5327	$557	F1	1.15	29.4/14.7	12.66	1
	3600	115/230	56J	C341	5KCR48TN2174T	✯	J039	56B34D5328	$587	F1	1.15	29.4/14.7	13.17	1,15

Single Phase, Dripproof, C-Face Footed (Rigid Base), 56J

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	SERVICE FACTOR	F.L. AMPS	"C" DIM.	FOOT NOTES
1/3	3600	115/208-230	56J	J054	56C34D2118	✯	$155	F1	1.75	5.6/2.7-2.8	10.94	
1/2	3600	115/208-230	56J	J055	56C34D2119	✯	$168	F1	1.6	7.4/3.5-3.7	11.19	
3/4	3600	115/208-230	56J	J056	56C34D2120	✯	$196	F1	1.5	9.8/4.8-4.9	11.44	
1	3600	115/208-230	56J	J057	56C34D2121	✯	$218	F1	1.4	12.0/6.2-6.0	12.44	
1 1/2	3600	115/208-230	56J	J058	56B34D2033	✯	$304	F1	1.3	13.4/7.4-6.7	12.43	1
2	3600	115/208-230	56J	J059	56B34D5341	✯	$374	F1	1.2	18.2/9.8-9.1	11.94	1

Features:

- Service Factor, as noted
- Double sealed ball bearings, mechanically locked on shaft end
- Capacitor start design for high starting torque
- Capacitor start/capacitor run design for higher efficiency, as noted
- Reversible CW rotation, viewed opposite shaft end
- Automatic reset thermal protector
- 56C = carbon steel shaft with key, drip cover not included, see Accessories Section
- 56J = 416 stainless steel threaded shaft with slinger, drip cover included
- UL Recognized and CSA Certified

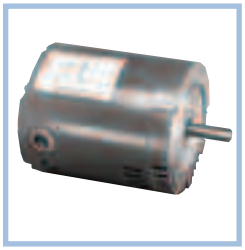
Single Phase, Totally Enclosed, C-Face Footless, 56C/56J

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	SERVICE FACTOR	F.L. AMPS	"C" DIM.	FOOT NOTES
1/3	3600	115/230	56J	C1336	5KC33FN4180X	✯	$262	F1	1.0	5.6/2.8	11.87	
1/2	3600	115/230	56J	C465	5KC39QN3218X	✯	$326	F1	1.15	7.4/3.7	11.9	15
3/4	3600	115/230	56C	C847	5KC37NN115X	✯	$347	F1	1.0	9.8/4.9	11.76	
1	3600	115/230	56J	C352	5KC49NN2135X	✯	$374	F1	1.15	13.0/6.5	12.95	15
2	3600	115/230	56J	C878	5KCR49TN2164T	✯	$562	F1	1.0	17.8/8.9	14.79	ES,1,15

Catalog numbers in ( ) are GE catalog numbers that are no longer valid and have been replaced by MEMC/GE catalog numbers.

✯ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

Centrifugal Pump (Jet Pump)



Features:

- Service Factor, as noted
- Double sealed ball bearings, mechanically locked on shaft end
- Continuous Duty
- Nameplated 60/50 hertz, 190/380 volts at next lower HP, as noted
- 56C = carbon steel shaft with key, drip cover not included, see Accessories Section
- 56J = 416 stainless steel threaded shaft with slinger, drip cover included
- UL Recognized and CSA Certified
- Drip cover not included, see Accessories section

Three Phase, Dripproof, C-Face Footless, 56C/56J

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	FORMER NO.	FORMER MODEL NO.	LIST PRICE	MULT. SYMB.	SERVICE FACTOR	F.L. AMPS	"C" DIM.	FOOT NOTES
1/3	3600	208-230/460	56C	KG215	5K35FN55	✯	P001	56T34D5310	$166	F1	1.75	1.5-1.8/0.9	9.90	68
	3600	208-230/460	56J	K748	5K35FN101	✯	J040	56T34D5347	$166	F1	1.75	1.5-1.8/0.9	10.40	48
1/2	3600	208-230/460	56C	K216	5K36JN57	✯	P002	56T34D5311	$188	F1	1.6	2.0-2.0/1.0	10.31	48,68
	3600	208-230/460	56J	K217	5K36JN56	✯	J041	56T34D5348	$188	F1	1.6	2.0-2.0/1.0	10.82	48,68
	1800	208-230/460	56J	K553	5K42HN4139	✯			$369	F1	1.25	2.3-2.2/1.1	10.41	48
3/4	3600	208-230/460	56C	K218	5K37MN37	✯	P003	56T34D5312	$226	F1	1.5	2.6-2.6/1.3	10.70	48,68
	3600	208-230/460	56J	KG219	5K37MN38	✯	J042	56T34D5349	$226	F1	1.5	2.6-2.6/1.3	11.22	48,68
	1800	208-230/460	56J	K555	5K46KN4141	✯			$434	F1	1.25	3.3-3.0/1.5	11.24	48
1	3600	208-230/460	56C	K220	5K38PN47	✯	P004	56T34D5313	$257	F1	1.4	3.3-3.2/1.6	11.30	48,68
	3600	208-230/460	56J	K221	5K38PN48	✯	J043	56T34D5350	$257	F1	1.4	3.3-3.2/1.6	11.82	48,68
	1800	208-230/460	56J	K750	5K46MN4144	✯			$449	F1	1.15	3.6-3.8/1.9	11.24	48
1 1/2	3600	208-230/460	56C	K222	5K46KN2173	✯	P005	56T34D5314	$313	F1	1.3	5.0-4.8/2.4	10.73	48,68
	3600	208-230/460	56J	K223	5K46KN2172	✯	J044	56T34D5351	$313	F1	1.3	5.0-4.8/2.4	11.24	48,68
	1800	208-230/460	56J	K751	5K49PN4121	✯			$496	F1	1.15	5.8-5.6/2.8	11.84	48
2	3600	208-230/460	56C	K224	5K49NN2180	✯	P006	56T34D5315	$367	F1	1.2	6.0-6.0/3.0	11.33	48,68
	3600	208-230/460	56J	K225	5K49NN2178	✯	J045	56T34D5352	$367	F1	1.2	6.0-6.0/3.0	11.84	48,68
3	3600	208-230/460	56C	K226	5K48TN2182	✯	P007	56T34D5316	$412	F1	1.15	8.9-8.2/4.1	12.61	48,68
	3600	208-230/460	56J	K227	5K48TN2181	✯	J046	56T34D5353	$412	F1	1.15	8.9-8.2/4.1	13.12	48,68

Features:

- Service Factor, as noted
- Double sealed ball bearings, mechanically locked on shaft end
- Continuous Duty
- Nameplated 60/50 hertz, 190/380 volts at next lower HP, as noted
- 56C = carbon steel shaft with key, drip cover not included, see Accessories Section
- 56J = 416 stainless steel threaded shaft with slinger, drip cover included
- UL Recognized and CSA Certified
- Drip cover not included, see Accessories section

Three Phase, Dripproof, C-Face Footed (Rigid Base), 56J

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	SERVICE FACTOR	F.L. AMPS	"C" DIM.	FOOT NOTES
1/3	3600	208-230/460	56J	J047	56T34D5368		$170	F1	1.75	1.2-1.1/.55	10.43	68
1/2	3600	208-230/460	56J	J048	56T34D5367	✯	$192	F1	1.6	2.1-2.2/1.1	10.93	68
3/4	3600	208-230/460	56J	K1483	5K37MN3543	✯	$230	F1	1.5	2.6-2.6/1.3	11.22	d,48
	3600	208-230/460	56J	J049	56T34D5365	✯	$230	F1	1.5	2.6-2.6/1.3	11.22	68
1	3600	208-230/460	56J	J050	56T34D5366	✯	$261	F1	1.4	3.7-3.7/1.85	10.93	68
1 1/2	3600	208-230/460	56J	K1484	5K46KN2082	✯	$317	F1	1.15	5.0-4.8/2.4	11.24	d,48
	3600	208-230/460	56J	J051	56T34D5369	✯	$317	F1	1.15	5.0-4.8/2.4	11.24	68
2	3600	208-230/460	56J	J052	56T34D5370	✯	$371	F1	1.2	6.4-6.2/3.1	10.93	68
3	3600	208-230/460	56J	J053	56T34D5371	✯	$416	F1	1.15	8.9-8.4/4.2	11.93	68

✯ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

Pump Motors

MARS SERIES 584

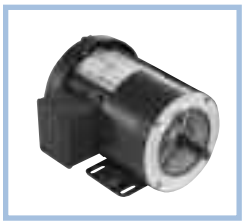
Centrifugal Pump (Jet Pump)

Features:

- Service Factor, as noted
- Double sealed ball bearings, mechanically locked on shaft end
- Continuous Duty
- Nameplated 60/50 hertz, 190/380 volts at next lower HP, as noted
- 56C = carbon steel shaft with key, drip cover not included, see Accessories Section
- 56J = 416 stainless steel threaded shaft with slinger, drip cover included
- UL Recognized, CSA Certified, and CF Mark
- Drip cover not included, see Accessories section

Three Phase, Totally Enclosed, C-Face Footless, 56C/56J

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	SERVICE FACTOR	F.L. AMPS	"C" DIM.	FOOT NOTES
1/3	3600	208-230/460	56C	K228	5K33FN41	★	$192	F1	1.0	1.5-1.8/0.9	10.60	d
	3600	208-230/460	56C	P101	56T34T5306	★	$192	F1	1.35	1.7-2.0/1.0	9.94	N,68
1/2	3600	200-230/460	56C	K229	5K35JN46	★	$213	F1	1.6	2.1-2.0/1.0	10.93	d
	3600	208-230/460	56C	P102	56T34F5321	★	$213	F1	1.15	2.1-2.2/1.1	11.82	68
	3600	200-230/460	56J	K230	5K35JN47	★	$308	F1	1.6	2.1-2.0/1.0	11.40	48
	1800	208-230/460	56J	K550	5K42HN4133	★	$374	F1	1.0	2.3-2.2/1.1	11.52	48
3/4	3600	200-230/460	56C	K231	5K36MN340	★	$253	F1	1.5	2.6-2.6/1.3	11.36	d
	3600	208-230/460	56C	P103	56T34F5322	★	$253	F1	1.15	3.0-3.2/1.6	11.82	68
	3600	208-230/460	56J	KG232	5K36MN339	★	$340	F1	1.5	2.6-2.6/1.3	11.90	48
1	3600	200-230/460	56C	K233	5K38RN44	★	$283	F1	1.4	3.2-3.0/1.5	12.36	d
	3600	208-230/460	56C	P104	56T34F5323	★	$283	F1	1.15	3.7-3.7/1.85	11.82	68
	3600	200-230/460	56J	KG234	5K38RN49	★	$391	F1	1.4	3.2-3.0/1.5	12.90	48
1 1/2	3600/3000	208-220/460	56C	K642	5K49JN2534	★	$329	F1	1.15	4.8-4.6/2.3	11.82	d,68
	3600	208-230/460	56C	P105	56T34F5324	★	$329	F1	1.15	4.6/2.3	11.82	68
	3600	200-230/460	56J	KG236	5K49PN2330	★	$420	F1	1.3	4.8-4.2/2.1	12.95	48
2	3600/3000	208-230/460	56C	K637	5K46MN2533	★	$382	F1	1.15	6.0-6.0/3.0	12.32	d,68
	3600	208-230/460	56C	P106	56T34F5325	★	$382	F1	1.15	6.0-6.0/3.0	12.32	68
	3600	200-230/460	56J	K238	5K49SN2184	★	$477	F1	1.2	5.8-5.4/2.7	13.48	48
3	3600	208-230/460	56C	K239	5K49ZN2189	★	$414	F1	1.0	8.0/4.0	14.25	d
	3600	208-230/460	56C	P107	56T34F5326	★	$414	F1	1.15	8.4-7.6/3.8	13.32	68
	3600	208-230/460	56J	K240	5K49ZN2190	★	$578	F1	1.0	8.0/4.0	14.79	48



Features:

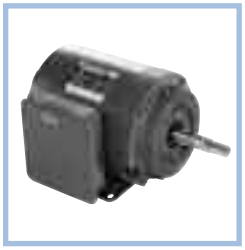
- Service Factor, as noted
- Double sealed ball bearings, mechanically locked on shaft end
- Continuous Duty
- Nameplated 60/50 hertz, 190/380 volts at next lower HP, as noted
- 56C = carbon steel shaft with key, drip cover not included, see Accessories Section
- 56J = 416 stainless steel threaded shaft with slinger, drip cover included
- UL Recognized, CSA Certified, and CF Mark
- Drip cover not included, see Accessories section

Three Phase, Totally Enclosed, C-Face Footed (Removable Base), 56J

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	SERVICE FACTOR	F.L. AMPS	"C" DIM.	FOOT NOTES
1/3	3600	208-230/460	56J	J060	56T34T5308		$209	F1	1.15	1.7-2.0/1.0	10.44	N,68
1/2	3600	200-220/440	56J	K1333	5K35JN4176	★	$230	F1	1.0	2.1-2.0/1.0	11.44	d,82
	3600	208-230/460	56J	J061	56T34F5342	★	$230	F1	1.15	2.1-2.2/1.1	12.32	68
3/4	3600/3000	208-230/440	56J	K630	5K36MN4157	★	$270	F1	1.0	2.8-2.9/1.5	11.90	d,82
	3600	208-230/460	56J	J062	56T34F5343	★	$270	F1	1.15	3.0-3.2/1.6	12.32	68
1	3600	200-230/460	56J	K245	5K38RN117	★	$300	F1	1.4	3.2-3.0/1.5	12.90	d,48,82,
	3600	208-230/460	56J	J063	56T34F5344	★	$300	F1	1.15	3.7-3.7/1.85	12.32	68
1 1/2	3600	200-230/460	56J	K246	5K49PN2350	★	$361	F1	1.3	4.8-4.2/2.1	12.95	d,48,82
	3600	208-230/460	56J	J064	56T34F5345	★	$361	F1	1.15	4.7-4.6/2.3	12.32	68
2	3600	208-230/460	56J	J065	56T34F5346	★	$414	F1	1.15	6.0-6.0/3.0	12.82	68
3	3600	208-230/460	56J	J066	56T34F5347	★	$472	F1	1.15	8.4-7.6/3.8	13.82	68

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

Close-Coupled Pump, JM



Applications: Close-coupled pumps where the pump impeller is mounted directly on the motor shaft in environments that are relatively clean and dry.

Features:

- NEMA JM pump shaft dimensions
- Ball bearings, mechanically locked on shaft end
- Capacitor start design for high starting torque
- Capacitor start / capacitor run design for higher efficiency, as noted
- Continuous duty
- 1.15 Service Factor
- UL Recognized and CSA Certified

Single Phase, Dripproof, C-Face Footed (Rigid Base)

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES
1	1800	115/208-230	143JM	Z401	143TCDR5328		$397	S2	72.0	13.4/6.8-6.7	13.62	
1 1/2	1800	115/208-230	145JM	Z403	145TCDR5328		$442	S2	77.0	18.0/9.3-9.0	14.62	
2	3600	115/208-230	145JM	Z404	145TBDR5304		$445	S2	78.5	19.2/10.5-9.6	13.62	1
	1800	115/230	182JM	Z405	182TCDR7074	✯	$507	S2	72.0	23.0/11.5	16.09	d
	1800	115/230	182JM	Z1405	182TCDW7074	✯	$507	S2	72.0	23.0/11.5	16.09	13
3	3600	115/230	182JM	Z406	182TCDR7318	✯	$563	S2	74.0	32.0/16.0	15.59	d
	3600	115/230	182JM	Z1406	182TCDW7318	✯	$563	S2	75.5	32.0/16.1	15.32	13
	1800	115/230	184JM	Z407	184TCDR7047	✯	$658	S2	75.5	33.0/16.5	17.59	d
	1800	115/230	184JM	Z1407	184TCDR7047	✯	$658	S2	75.5	33.0/16.5	17.59	13
5	3600	230	184JM	Z408	184TCDR7011	✯	$824	S2	80.0	24.0	17.09	d,CF
	3600	230	184JM	Z1408	184TBDW17007	✯	$824	S2	80.0	22.0	16.32	1,13
	1800	230	213JM	Z409	213TCDW7027	✯	$904	S2	78.5	28.0	19.92	
7 1/2	3600	230	213JM	Z410	213TCDW7002	✯	$1,029	S2	78.5	37.0	18.42	
	1800	230	215JM	Z411	215TBDW7029	✯	$1,249	S2	84.0	34.5	19.92	1
10	3600	230	215JM	Z412	215TCDW7002	✯	$1,324	S2	81.5	47.0	19.92	
	1800	230	215JM	Z413	215TBDW7027	✯	$1,514	S2	82.5	44.0	21.17	1

Applications: Close-coupled pumps where the pump impeller is mounted directly on the motor shaft in damp, dusty, or dirty environments.

Features:

- NEMA JM pump shaft dimensions
- Ball bearings, mechanically locked on shaft end
- Capacitor start/capacitor run design for higher efficiency
- Continuous duty
- 1.0 Service Factor (except as noted)
- UL Recognized and CSA Certified

Single Phase, Totally Enclosed, C-Face Footed (Rigid Base)

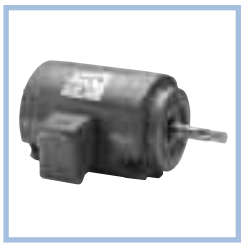
HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES
5	3600	230	184JM	Z433	184TBFR7315	✯	$853	S2	80.0	22.4	19.75	d
	3600	230	184JM	Z1433	184TBFW7315	✯	$853	S2	82.5	19.2	18.59	13
7 1/2	3600	230	213JM	Z434	213TBFW7010	✯	$1,145	S2	81.5	32.0	20.59	
10	3600	230	215JM	Z435	215TBFW7010	✯	$1,395	S2	85.5	41.5	22.09	18

✯ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

Pump Motors

MARS SERIES 584

Close-Coupled Pump, JM, Three Phase



Applications: Close-coupled pumps where the pump impeller is mounted directly on the motor shaft in environments that are relatively clean and dry.

Features:

- NEMA JM pump shaft dimensions
- JMV frame includes drip cover for vertical mount without base
- JM frame has rigid base, drip cover not included
- Ball bearings, mechanically locked on shaft end
- Continuous duty
- 1.15 Service Factor
- UL Recognized and CSA Certified
- UL Listed for Fire Pump applications (except as noted)

Inverter Duty

Dripproof, C-Face Footless (Vertical) and C-Face Footed (Rigid Base)

Suitable for use on VFD per guidelines on page 18.

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES
1	1800	200	143JM	**E115**	143TTDR4040		$329	S2	82.5	3.6	14.62	
	1800	200	143JMV	**E117**	143TTDR4041		$367	S2	82.5	3.6	14.92	27
	1800	208-230/460	143JM	M301	143TTDR5336	✯	$263	S2	77.0	3.5-3.6/1.8	13.12	68
	1800	208-230/460	143JMV	M302	143TTDR5334	✯	$301	S2	77.0	3.5-3.6/1.8	13.42	27,68
	1800	230/460	143JM	**E100**	143TTDR4035		$329	S2	82.5	3.1/1.55	14.62	68
	1800	230/460	143JMV	**E118**	143TTDR4034		$367	S2	82.5	3.1/1.55	14.92	27,68
	1800	575	143JM	**E116**	143TTDR4047		$329	S2	82.5	1.1	14.62	
	1800	575	143JMV	**E119**	143TTDR4046		$367	S2	82.5	1.1	14.92	27
1 1/2	3600	200	143JM	**E120**	143TTDR4016		$376	S2	82.5	5.5	13.12	
	3600	200	143JMV	**E122**	143TTDR4017		$414	S2	82.5	5.5	12.92	27
	3600	208-230/460	143JM	M303	143TTDR5309	✯	$300	S2	80.0	4.9-5.0/2.5	13.12	68
	3600	208-230/460	143JMV	M304	143TTDR5310		$339	S2	80.0	4.9-5.0/2.5	12.92	27,68
	3600	230/460	143JM	**E123**	143TTDR4009		$376	S2	82.5	4.8/2.4	13.12	68
	3600	575	143JM	**E121**	143TTDR4022		$376	S2	82.5	1.9	13.12	
	3600	575	143JMV	**E124**	143TTDR4024		$414	S2	82.5	1.9	12.92	27
	1800	200	145JM	**E125**	145TTDR4040		$359	S2	84.0	5.0	14.62	
	1800	200	145JMV	**E127**	145TTDR4041		$399	S2	84.0	5.0	14.92	27
	1800	208-230/460	145JM	M305	145TTDR5348	✯	$287	S2	80.0	4.8-4.8/2.4	13.12	68
	1800	208-230/460	145JMV	M306	145TTDR5346	✯	$325	S2	80.0	4.8-4.8/2.4	13.42	27,68
	1800	230/460	145JM	**E102**	145TTDR4034		$359	S2	84.0	4.4/2.2	14.62	68
	1800	230/460	145JMV	**E128**	145TTDR4035		$399	S2	84.0	4.4/2.2	14.92	27,68
	1800	575	145JM	**E126**	145TTDR4072		$359	S2	84.0	1.8	14.62	
	1800	575	145JMV	**E129**	145TTDR4047		$399	S2	84.0	1.8	14.92	27
2	3600	200	145JM	**E130**	145TTDR4015		$422	S2	84.0	6.2	13.12	
	3600	200	145JMV	**E132**	145TTDR4016		$461	S2	84.0	6.2	13.42	27
	3600	208-230/460	145JM	M307	145TTDR5313	✯	$337	S2	80.0	6.4-6.2/3.1	13.12	68
	3600	208-230/460	145JMV	M308	145TTDR5314	✯	$376	S2	80.0	6.4-6.2/3.1	12.92	27,68
	3600	230/460	145JMV	**E133**	145TTDR4010		$461	S2	84.0	5.4/2.7	13.42	27,68
	3600	575	145JM	**E131**	145TTDR4021		$422	S2	84.0	2.2	13.12	
	3600	575	145JMV	**E134**	145TTDR4022		$461	S2	84.0	2.2	13.42	27
	1800	200	145JM	**E135**	145TTDR4066		$376	S2	84.0	6.7	15.12	
	1800	200	145JMV	**E137**	145TTDR4067		$414	S2	84.0	6.7	15.42	27
	1800	208-230/460	145JM	M309	145TTDR5352	✯	$300	S2	81.5	6.2-6.2/3.1	14.12	68
	1800	208-230/460	145JMV	M310	145TTDR5350	✯	$339	S2	81.5	6.2-6.4/3.2	14.42	27,68
	1800	230/460	145JM	**E104**	145TTDR4060		$376	S2	84.0	5.8/2.9	15.12	68
	1800	230/460	145JMV	**E138**	145TTDR4051		$414	S2	84.0	5.8/2.9	15.42	27,68
	1800	575	145JM	**E136**	145TTDR4046		$376	S2	84.0	2.3	15.12	
	1800	575	145JMV	**E139**	145TTDR4073		$414	S2	84.0	2.3	15.42	27

Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EPAct and/or NRCan Canadian standards.

Continued on next page.

Prices and Specifications are subject to change without notice.

Close-Coupled Pump, JM, Three Phase

Dripproof, C-Face Footless (Vertical) and C-Face Footed (Rigid Base)

Inverter Duty

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES
3	3600	200	145JM	**E140**	145TTDR4115		$472	S2	84.0	10.0	13.62	
	3600	200	145JMV	**E142**	145TTDR4307		$511	S2	84.0	10.0	13.92	27
	3600	208-230/460	145JM	M311	145TTDR5315	★	$378	S2	84.0	8.9-8.4/4.2	13.62	68
	3600	208-230/460	145JMV	M312	145TTDR5316	★	$417	S2	84.0	8.9-8.4/4.2	13.92	27,68
	3600	230/460	145JM	**E105**	145TTDR4303		$472	S2	84.0	8.4/4.2	13.62	68
	3600	230/460	145JMV	**E143**	145TTDR4110		$511	S2	84.0	8.4/4.2	13.92	27,68
	3600	575	145JM	**E141**	145TTDR4121		$472	S2	84.0	3.5	13.62	
	3600	575	145JMV	**E144**	145TTDR4025		$511	S2	84.0	3.5	13.92	27
	1800	200	182JM	**E1145**	182TTDW4140		$438	S2	86.5	9.4	17.09	13
	1800	200	182JMV	**E1147**	182TTDW4036		$516	S2	86.5	9.9	18.87	13,27
	1800	208-230/460	182JM	M313	182TTDB7355	★	$367	S2	80.0	9.6-10/5.0	13.87	68,98
	1800	208-230/460	182JM	M360	182TTDR5336	★	$351	S2	84.0	9.2-8.6/4.3	16.59	d,68
	1800	208-230/460	182JMV	M361	182TTDR5337	★	$430	S2	84.0	9.2-8.6/4.3	16.94	27,68
	1800	208-230/460	182JMV	M314	182TTDR7350	★	$447	S2	81.5	9.4-9.0/4.5	17.87	d,27,68
	1800	208-230/460	182JMV	M1314	182TTDB7350	★	$447	S2	81.5	9.4-9.0/4.5	17.87	27,68,98
	1800	230/460	182JM	**E1106**	182TTDW4033		$438	S2	86.5	9.2/4.6	16.09	13,68
	1800	230/460	182JMV	**E1148**	182TTDW4135		$516	S2	86.5	9.2/4.6	18.87	13,27,68
	1800	575	182JM	**E1146**	182TTDW4146		$438	S2	86.5	3.45	16.09	13
	1800	575	182JMV	**E1149**	182TTDW4147		$516	S2	86.5	3.45	17.18	13,27
5	3600	200	182JM	**E1150**	182TTDW4116		$566	S2	86.5	13.8	16.09	13
	3600	200	182JMV	**E1152**	182TTDW4117		$642	S2	86.5	13.8	16.68	13,27
	3600	208-230/460	182JM	M362	182TTDR5303	★	$453	S2	84.0	13.5-12.4/6.2	18.87	13
	3600	208-230/460	182JM	M315	182TTDR7325	★	$468	S2	84.0	14-13.4/6.7	14.82	d,68,98,CF
	3600	208-230/460	182JM	M1315	182TTDB7325	★	$468	S2	85.5	13.6-12.4/6.2	14.82	68,98
	3600	208-230/460	182JMV	M363	182TTDR5304	★	$532	S2	84.0	13.5-12.4/6.2	16.94	27,68
	3600	208-230/460	182JMV	M316	182TTDR7601	★	$549	S2	82.5	14.2-13.2/6.6	19.24	d,27,68,98,CF
	3600	208-230/460	182JMV	M1316	182TTDB7601	★	$549	S2	85.5	13.6-12.4/6.2	19.24	27,68,98
	3600	230/460	182JM	**E1107**	182TTDW4002		$566	S2	86.5	12.0/6.0	16.35	13
	3600	230/460	182JMV	**E1153**	182TTDW4111		$642	S2	86.5	12.0/6.0	18.87	13,27
	3600	575	182JM	**E1151**	182TTDW4122		$566	S2	86.5	4.8	16.09	13
	3600	575	182JMV	**E1154**	182TTDW4123		$642	S2	86.5	4.8	16.68	13,27
	1800	200	184JM	**E1155**	184TTDW4140		$566	S2	87.5	15.1	16.59	13
	1800	200	184JMV	**E1157**	184TTDW4141		$642	S2	87.5	14.5	19.37	13,27
	1800	208-230/460	184JM	M317	184TTDB7357	★	$453	S2	86.5	14.4-13.6/6.8	16.35	68,98
	1800	208-230/460	184JMV	M318	184TTDB7356	★	$532	S2	86.5	14.6-13.6/6.8	18.87	27,68,98
	1800	230/460	184JM	**E1108**	184TTDW4034		$566	S2	87.5	13.2/6.6	17.09	13
	1800	230/460	184JMV	**E1158**	184TTDW4135		$642	S2	87.5	13.2/6.6	15.72	13,27,68
	1800	575	184JM	**E1156**	184TTDW4146		$566	S2	87.5	5.3	17.59	13
	1800	575	184JMV	**E1159**	184TTDW4147		$642	S2	87.5	5.2	19.37	13,27
7 1/2	3600	200	184JM	**E1160**	184TTDW4115		$680	S2	87.5	20.2	17.09	13
	3600	200	184JMV	**E1162**	184TTDW4116		$758	S2	87.5	20.2	19.87	13,27
	3600	208-230/460	184JM	M319	184TTDR7322	★	$543	S2	84.0	19.8-18.4/9.2	15.82	d,68,98,CF
	3600	208-230/460	184JM	M1319	184TTDB7322	★	$543	S2	86.5	20.0-18.0/9.0	15.82	68,98
	3600	208-230/460	184JMV	M320	184TTDR7325	★	$622	S2	84.0	19.8-18.4/9.2	20.24	d,27,68,98,CF
	3600	208-230/460	184JMV	M1320	184TTDB7325	★	$622	S2	86.5	20.0-18.0/9.0	20.24	27,68,98
	3600	230/460	184JM	**E1109**	184TTDW4002		$680	S2	87.5	17.6/8.8	17.09	13
	3600	230/460	184JMV	**E1163**	184TTDW4110		$758	S2	87.5	17.6/8.8	19.87	13,27
	3600	575	184JM	**E1161**	184TTDW4121		$680	S2	87.5	7.2	17.09	13
	3600	575	184JMV	**E1164**	184TTDW4122		$758	S2	87.5	7.2	17.68	13,27
	1800	200	213JM	**E165**	213TTDW4042		$638	S2	88.5	22.1	19.16	
	1800	200	213JMV	**E167**	213TTDW4033		$718	S2	88.5	22.1	20.44	27
	1800	208-230/460	213JM	M321	213TTDBA7047	★	$654	S2	87.5	22.0-20.4/10.2	17.66	68,98
	1800	208-230/460	213JMV	M322	213TTDW7048	★	$758	S2	84.0	22.0-21.6/10.8	18.94	d,27,68
	1800	208-230/460	213JMV	M1322	213TTDBA7048	★	$758	S2	84.0	22.0-21.6/10.8	18.94	27,68,98
	1800	230/460	213JM	**E110**	213TTDW4047		$818	S2	88.5	19.2/9.6	19.16	68
	1800	230/460	213JMV	**E168**	213TTDW4048		$718	S2	88.5	19.2/9.6	20.44	27,68
	1800	575	213JM	**E166**	213TTDW4041		$638	S2	88.5	7.6	19.16	
	1800	575	213JMV	**E169**	213TTDW4038		$921	S2	88.5	7.7	20.44	27

Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EPAct and/or NRCan Canadian standards.

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

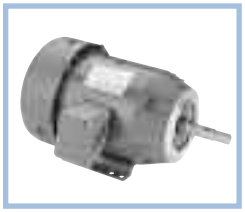
Suitable for use on VFD per guidelines on page 18.

MARATHON

Pump Motors

MARS SERIES 584

Close-Coupled Pump, JM



Applications: Close-coupled pumps where the pump impeller is mounted directly on the motor shaft in damp, dusty, or dirty environments.

Features:
- NEMA JM pump shaft dimensions
- Ball bearings, mechanically locked on shaft end
- Continuous duty
- 1.15 Service Factor
- UL Recognized and CSA Certified

Inverter Duty

Three Phase, Totally Enclosed, C- Face Footed (Rigid Base)

Suitable for use on VFD per guidelines on page 18.

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES
1	1800	200	143JM	**U300**	143TTFR4040		$408	S2	82.5	3.5	15.00	
	1800	208-230/460	143JM	M401	143TTFR5332	★	$328	S2	77.0	3.5-3.6/1.8	14.50	68
	1800	230/460	143JM	**U301**	143TTFR4034		$408	S2	82.5	3.0/1.5	15.00	
	1800	575	143JM	**U302**	143TTFR4046		$408	S2	82.5	1.2	15.00	
1 1/2	3600	200	143JM	**U303**	143TTFR4015		$480	S2	82.5	4.6	15.00	
	3600	208-230/460	143JM	M415	143TTFR5303		$384	S2	80.0	4.7-4.6/2.3	14.50	68
	3600	230/460	143JM	**U304**	143TTFR4007		$480	S2	82.5	4.0/2.0	15.00	68
	3600	575	143JM	**U305**	143TTFR4021		$480	S2	82.5	1.6	15.00	
	1800	200	145JM	**U306**	145TTFR4048		$447	S2	84.0	5.1	16.50	
	1800	208-230/460	145JM	M402	145TTFR5336	★	$358	S2	80.0	4.8-4.8/2.4	14.50	68
	1800	230/460	145JM	**U307**	145TTFR4045		$447	S2	84.0	4.4/2.2	16.50	68
	1800	575	145JM	**U308**	145TTFR4054		$447	S2	84.0	1.8	16.50	
2	3600	200	145JM	**U309**	145TTFR4017		$520	S2	84.0	6.0	15.50	
	3600	208-230/460	145JM	M403	145TTFR5303	★	$414	S2	80.0	6.0-6.0/3.0	14.50	68
	3600	230/460	145JM	**U310**	145TTFR4011		$520	S2	84.0	5.2/2.6	15.50	
	3600	575	145JM	**U311**	145TTFR4023		$520	S2	84.0	2.1	15.50	
	1800	200	145JM	**U312**	145TTFR4050		$468	S2	84.0	6.4	16.00	
	1800	208-230/460	145JM	M404	145TTFR5338	★	$375	S2	82.5	6.0-5.8/2.9	16.00	68
	1800	230/460	145JM	**U313**	145TTFR4044		$468	S2	84.0	5.6/2.8	16.00	
	1800	575	145JM	**U314**	145TTFR4128		$468	S2	84.0	2.2	16.00	
3	3600	200	182JM	**U1315**	182TTFW4015		$596	S2	85.5	8.5	17.35	13
	3600	208-230/460	182JM	M405	182TTFR5302	★	$476	S2	84.0	8.4-7.6/3.8	16.47	68
	3600	230/460	182JM	**U1316**	182TTFW4009		$596	S2	85.5	7.4/3.7	17.35	13
	3600	575	182JM	**U1317**	182TTFW4021		$596	S2	85.5	2.95	17.35	13
	1800	208-230/460	182JM	M422	182TTFR5330	★	$436	S2	85.5	9.2-8.6/4.3	17.97	68
	1800	208-230/460	182JM	M1106	182TTFW7757		$453	S2	82.5	9.0-8.4/4.2	17.35	13,68
	1800	230/460	182JM	**U1319**	182TTFW4044		$545	S2	87.5	8.4/4.2	17.85	13
	1800	575	182JM	**U1320**	182TTFW4056		$545	S2	87.5	3.35	18.35	13
5	3600	230/460	184JM	M423	184TTFR5302	★	$567	S2	84.0	13.4-12.6/6.3	17.97	17,68,98
	3600	208-230/460	184JM	M1407	184TTFW7908	★	$584	S2	85.5	13.6-12.4/6.2	15.59	13,68
	3600	230/460	184JM	**U1322**	184TTFW4009		$708	S2	87.5	12.4/6.2	18.35	13
	3600	575	184JM	**U1323**	184TTFW4021		$708	S2	87.5	4.9	18.35	13
	1800	208-230/460	184JM	M408	184TTFR7760	★	$567	S2	84.0	14.4-13.2/6.6	19.35	d,68
	1800	208-230/460	184JM	**M1408**	184TTFW7760	★	$567	S2	87.5	14.0-13.0/6.5	15.59	13,68
	1800	230/460	184JM	**U1325**	184TTFW4042		$708	S2	87.5	12.6/6.3	18.85	13
	1800	575	184JM	**U1326**	184TTFW4056		$708	S2	87.5	5.2	18.85	13
7 1/2	3600	200	213JM	**U327**	213TTFW4009		$883	S2	88.5	21.1	22.09	
	3600	208-230/460	184JM	M416	184TTFR8915	★	$624	S2	85.5	20.0-19.0/9.5	18.85	d,68
	3600	208-230/460	184JM	M1416	184TTFW8915	★	$624	S2	86.5	19.9-18.4/9.2	16.59	13,68
	3600	208-230/460	213JM	M409	213TTFW7022	★	$705	S2	84.0	21.2-19.2/9.6	20.59	68
	3600	230/460	213JM	**U329**	213TTFW4022		$883	S2	88.5	18.4/9.2	22.09	68
	3600	575	213JM	**U331**	213TTFW4010		$883	S2	88.5	7.3	22.09	68
	1800	208-230/460	213JM	M410	213TTFW7047	★	$807	S2	87.5	22.0-19.4/9.7	20.59	
	1800	230/460	213JM	**U334**	213TTFW4047		$1,009	S2	89.5	20.0/10.0	20.59	68
	1800	575	213JM	**U335**	213TTFW4038		$1,009	S2	89.5	8.0	20.59	68

Continued on next page.

Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EPAct and/or NRCan Canadian standards.

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

Pump Motors

MARS SERIES 584

Close-Coupled Pump, JM

Inverter Duty

Three Phase, Totally Enclosed, C-Face Footed (Rigid Base)

Suitable for use on VFD per guidelines on page 18.

HP	RPM	VOLTS NO.	FRAME NO.	MARS NO	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES
10	3600	200	215JM	U336	215TTFW4014		$1,080	S2	89.5	27.6	22.09	
	3600	208-230/460	215JM	M411	215TTFW7303	★	$863	S2	86.5	27.0-24.0/12.0	22.09	68
	3600	230/460	215JM	U337	215TTFW4022		$1,080	S2	89.5	24.0/12.0	22.09	68
	3600	575	215JM	U338	215TTFW4015		$1,080	S2	89.5	9.6	22.09	
	1800	200	215JM	U339	215TTFW4035		$1,207	S2	89.5	29.9	22.09	
	1800	208-230/460	215JM	M412	215TTFW7047	★	$964	S2	88.5	28.0-25.0/12.5	22.09	68
	1800	230/460	215JM	U340	215TTFW4047		$1,207	S2	89.5	25.6/12.8	22.09	
	1800	575	215JM	U341	215TTFW4036		$1,207	S2	89.5	10.4	22.09	
15	3600	208-230/460	215JM	M417	215TTFW7022	★	$1,028	S2	88.5	40.0-37.0/18.5	22.09	68
	3600	208-230/460	254JM	M413	254TTFL5004	★	$1,080	S2	85.5	41.0-36.0/18.0	26.49	AL,68
	3600	230/460	254JM	U344	254TTFL4006		$1,350	S2	91.0	35.0/17.5	24.74	AL,68
	3600	575	254JM	U346	254TTFL4010		$1,350	S2	90.2	14.0	24.74	AL
	1800	200	254JM	U347	254TTFL4034		$1,637	S2	91.0	46.0	24.74	AL
	1800	208-230/460	254JM	M420	254TTFL5751	★	$1,309	S2	88.5	43.0-38.5/19.3	26.49	AL,68
	1800	230/460	254JM	U348	254TTFL4031		$1,637	S2	91.0	40.0/20.0	24.74	AL,68
	1800	575	254JM	U349	254TTFL4036		$1,637	S2	91.0	16.0	24.74	AL
20	3600	200	256JM	U350	256TTFL4010		$1,817	S2	90.2	54.1	26.49	AL
	3600	230/460	256JM	M414	256TTFL5023	★	$1,454	S2	88.5	49.6/24.8	26.49	AL,68
	3600	230/460	256JM	U351	256TTFL4006		$1,817	S2	90.2	47.0/23.5	26.49	AL,68
	3600	575	256JM	U352	256TTFL4012		$1,817	S2	90.2	18.8	26.49	AL
	1800	200	256JM	U353	256TTFL4036		$1,987	S2	91.0	58.7	28.49	AL
	1800	230/460	256JM	U354	256TTFL4031		$1,987	S2	91.0	51.0/25.5	28.49	AL,68
	1800	230/460	256JM	M421	256TTFL5055	★	$1,589	S2	88.5	52.0/26.0	26.49	AL,68
	1800	575	256JM	U355	256TTFL4038		$1,987	S2	91.0	20.4	28.49	AL

Close-Coupled Pump, JP

Applications: Close-coupled pumps where the pump impeller is mounted directly on the motor shaft in environments that are relatively clean and dry.

Features:

- NEMA JP pump shaft dimensions
- Ball bearings, mechanically locked on shaft end
- Capacitor start design for high starting torque
- Capacitor start / capacitor run design for higher efficiency, as noted
- Continuous duty
- 1.15 Service Factor
- UL Recognized and CSA Certified

Single Phase, Dripproof, C-Face Footed (Rigid Base)

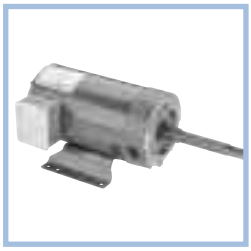
HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES
1	1800	115/208-230	143JP	Z420	143TCDR5330		$367	S2	72.0	13.4/6.8-6.7	16.68	95
1 1/2	1800	115/208-230	145JP	Z422	145TCDR5329		$442	S2	77.0	18.6/9.9-9.3	17.68	95
2	1800	115/230	182JP	Z1424	182TCDW7354		$563	S2	72.0	23.0/11.5	19.15	13
3	3600	115/230	182JP	Z1425	182TCDW8005		$563	S2	74.0	32.0/16.0	18.65	13
	1800	115/230	184JP	Z1426	184TCDW7626		$658	S2	75.5	33.0/16.5	20.65	13
5	3600	230	184JP	Z427	184TCDR7909	★	$824	S2	80.0	24.0	20.15	d,95
	3600	230	184JP	Z1427	184TBDW17011	★	$824	S2	80.0	22.0	19.46	1,13
	1800	230	213JP	Z428	213TCDW7028		$904	S2	78.5	28.0	23.79	95
7 1/2	3600	230	213JP	Z429	213TCDW7003	★	$1,029	S2	78.5	37.0	22.29	95
	1800	230	215JP	Z430	215TBDW7045		$1,249	S2	84.0	34.5	23.79	1,95
10	3600	230	215JP	Z431	215TCDW7004	★	$1,324	S2	81.5	47.0	23.79	95
	1800	230	215JP	Z432	215TBDW7030		$1,514	S2	82.5	44.0	25.04	1,95

Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EPAct and/or NRCan Canadian standards.

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

MARATHON

Close-Coupled Pump, JP, Three Phase



Applications: Close-coupled pumps where the pump impeller is mounted directly on the motor shaft in environments that are relatively clean and dry.

Features:

- NEMA JP pump shaft dimensions
- JPV frame includes drip cover for vertical mount without base
- JP frame has rigid base, drip cover not included
- Ball bearings, mechanically locked on shaft end
- Continuous duty
- 1.15 Service Factor
- UL Recognized and CSA Certified
- UL Listed for Fire Pump applications (except as noted)

Inverter Duty

Dripproof, C-Face Footless (Vertical) and C-Face Footed (Rigid Base)

Suitable for use on VFD per guidelines on page 18.

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES
1	1800	200	143JP	**U122**	143TTDR4042		$329	S2	82.5	3.6	17.68	
	1800	200	143JPV	**U125**	143TTDR4043		$367	S2	82.5	3.6	17.98	27
	1800	208-230/460	143JP	M101	143TTDR5338		$263	S2	77.0	3.5-3.6/1.8	16.18	68
	1800	208-230/460	143JPV	M102	143TTDR5337		$301	S2	77.0	3.5-3.6/1.8	16.48	27,68
	1800	230/460	143JP	**U123**	143TTDR4036		$329	S2	82.5	3.1/1.55	17.68	
	1800	230/460	143JPV	**U126**	143TTDR4037		$367	S2	82.5	3.1/1.55	17.98	27,68
	1800	575	143JP	**U124**	143TTDR4048		$329	S2	82.5	1.1	17.68	
	1800	575	143JPV	**U127**	143TTDR4049		$367	S2	82.5	1.1	17.98	27
1 1/2	3600	200	143JP	**U128**	143TTDR4018		$376	S2	82.5	5.5	16.18	
	3600	200	143JPV	**U131**	143TTDR4019		$414	S2	82.5	5.5	15.98	27
	3600	208-230/460	143JP	M103	143TTDR5307		$300	S2	80.0	4.9-5.0/2.5	16.18	68
	3600	230/460	143JP	**U129**	143TTDR4010		$376	S2	82.5	4.8/2.4	16.18	68
	3600	230/460	143JPV	**U132**	143TTDR4011		$414	S2	82.5	4.8/2.4	15.98	27
	3600	575	143JP	**U130**	143TTDR4023		$376	S2	82.5	1.9	16.18	
	3600	575	143JPV	**U133**	143TTDR4025		$414	S2	82.5	1.9	15.98	27
	1800	200	145JP	**U134**	145TTDR4042		$359	S2	84.0	5.0	17.68	
	1800	200	145JPV	**U137**	145TTDR4043		$399	S2	84.0	5.0	17.98	27
	1800	208-230/460	145JP	M105	145TTDR5354	★	$287	S2	80.0	4.8-4.8/2.4	16.18	68
	1800	230/460	145JP	**U135**	145TTDR4061		$359	S2	84.0	4.4/2.2	17.68	68
	1800	230/460	145JPV	**U138**	145TTDR4037		$399	S2	84.0	4.4/2.2	17.98	27,68
	1800	575	145JP	**U136**	145TTDR4048		$359	S2	84.0	1.8	17.68	
	1800	575	145JPV	**U139**	145TTDR4049		$399	S2	84.0	1.8	17.98	27
2	3600	200	145JP	**U140**	145TTDR4017		$339	S2	84.0	6.2	16.18	
	3600	200	145JPV	**U143**	145TTDR4018		$461	S2	84.0	6.2	16.48	27
	3600	230/460	145JP	**U141**	145TTDR4011		$422	S2	84.0	5.4/2.7	16.18	68
	3600	230/460	145JPV	**U144**	145TTDR4012		$461	S2	84.0	5.4/2.7	16.48	27,68
	3600	575	145JP	**U142**	145TTDR4023		$422	S2	84.0	2.2	16.18	
	3600	575	145JPV	**U145**	145TTDR4024		$461	S2	84.0	2.2	16.48	27
	1800	200	145JP	**U146**	145TTDR4068		$376	S2	84.0	6.7	18.18	
	1800	200	145JPV	**U149**	145TTDR4069		$414	S2	84.0	6.7	18.48	27
	1800	208-230/460	145JP	M109	145TTDR5356	★	$300	S2	81.5	6.2-6.2/3.1	17.18	68
	1800	208-230/460	145JPV	M110	145TTDR5355		$339	S2	81.5	6.2-6.2/3.1	17.48	27,68
	1800	230/460	145JP	**U147**	145TTDR4036		$376	S2	84.0	5.8/2.9	18.18	68
	1800	230/460	145JPV	**U150**	145TTDR4062		$414	S2	84.0	5.8/2.9	18.48	27,68
	1800	575	145JP	**U148**	145TTDR4074		$376	S2	84.0	2.3	18.18	
	1800	575	145JPV	**U151**	145TTDR4075		$414	S2	84.0	2.3	18.48	27

Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EPAct and/or NRCan Canadian standards.

Continued on next page.

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

Close-Coupled Pump, JP, Three Phase

Dripproof, C-Face Footless (Vertical) and C-Face Footed (Rigid Base)

Inverter Duty

Suitable for use on VFD per guidelines on page 18.

HP	RPM	VOLTS	FRAME	MARS NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES
3	3600	200	145JP	U152	145TTDR4117		$472	S2	84.0	10.0	16.68	
	3600	200	145JPV	U155	145TTDR4118		$511	S2	84.0	10.0	16.98	27
	3600	208-230/460	145JP	M111	145TTDR5319	✯	$378	S2	84.0	8.9-8.4/4.2	16.68	68
	3600	230/460	145JP	U153	145TTDR4111		$472	S2	84.0	8.4/4.2	16.68	68
	3600	230/460	145JPV	U156	145TTDR4112		$511	S2	84.0	8.4/4.2	16.98	27,68
	3600	575	145JP	U154	145TTDR4123		$472	S2	84.0	3.5	16.68	
	3600	575	145JPV	U157	145TTDR4124		$511	S2	84.0	3.5	16.98	27
	1800	200	182JP	U1158	182TTDW4142		$438	S2	86.5	9.4	19.66	13
	1800	200	182JPV	U1161	182TTDW4143		$516	S2	86.5	9.4	19.91	13,27
	1800	208-230/460	182JP	M1113	182TTDW7356		$367	S2	81.5	9.2-9.0/4.5	18.41	13
	1800	208-230/460	182JP	M170	182TTDR5338	✯	$351	S2	84.0	9.2-8.6/4.3	19.65	13,68
	1800	208-230/460	182JPV	M171	182TTDR5339		$430	S2	84.0	9.2-8.6/4.3	20.00	13,27,68
	1800	230/460	182JP	U1159	182TTDW4136		$438	S2	86.5	8.2/4.1	19.91	13
	1800	230/460	182JPV	U1162	182TTDW4048		$516	S2	86.5	8.6/4.3	19.84	13,27
	1800	575	182JP	U1160	182TTDW4148		$438	S2	86.5	3.45	19.66	13
	1800	575	182JPV	U1163	182TTDW4149		$516	S2	86.5	3.45	19.91	13,27
5	3600	200	182JP	U1164	182TTDW4118		$566	S2	86.5	13.8	19.16	13
	3600	200	182JPV	U1167	182TTDW4119		$642	S2	86.5	13.8	19.84	13,27
	3600	208-230/460	182JP	M172	182TTDR5305		$453	S2	88.5	13.5-12.4/6.2	19.65	13,68
	3600	208-230/460	182JP	M114	182TTDR7605	✯	$468	S2	82.5	15.0-14.0/7.0	18.41	d,68
	3600	208-230/460	182JP	M1114	182TTDW7605	✯	$468	S2	81.5	14.6-14.0/7.0	17.46	13,68
	3600	230/460	182JP	U1165	182TTDW4811		$566	S2	86.5	12.0/6.0	19.65	
	3600	230/460	182JPV	U1168	182TTDW4113		$642	S2	86.5	12.0/6.0	19.84	13,27
	3600	575	182JP	U1166	182TTDW4124		$566	S2	86.5	4.8	19.16	13
	3600	575	182JPV	U1169	182TTDW4125		$642	S2	86.5	4.8	19.84	13,27
	1800	200	184JP	U1170	184TTDW4142		$566	S2	87.5	14.5	20.41	13
	1800	200	184JPV	U1173	184TTDW4143		$642	S2	87.5	14.5	20.84	27
	1800	208-230/460	184JP	M115	184TTDR7358	✯	$453	S2	82.5	14.4-14.2/7.1	17.38	68,98,CF,d
	1800	208-230/460	184JP	M1115	184TTDW7358	✯	$453	S2	87.5	16.0-14.8/7.4	17.88	13,68
	1800	208-230/460	184JPV	M1163	184TTDW8039		$532	S2	82.5	14.5-13.4/6.7	19.84	13,27,98
	1800	230/460	184JP	U1171	184TTDW4136		$566	S2	87.5	12.6/6.3	20.41	13
	1800	575	184JP	U1172	184TTDW4148		$566	S2	87.5	5.3	20.16	13
	1800	575	184JPV	U1175	184TTDW4149		$642	S2	87.5	5.0	20.84	13,27
7 1/2	3600	200	184JP	U1176	184TTDW4117		$680	S2	87.5	20.7	20.16	13
	3600	200	184JPV	U1179	184TTDW4118		$758	S2	87.5	20.2	20.84	13,27
	3600	208-230/460	184JP	M116	184TTDR7604	✯	$543	S2	84.5	21.0-19.4/9.7	19.41	d,68,98
	3600	208-230/460	184JP	M1116	184TTDW7604	✯	$543	S2	84.0	21.0-19.0/9.5	18.38	13,68
	3600	230/460	184JP	U1177	184TTDW4111		$680	S2	87.5	18.0/9.0	20.41	13
	3600	230/460	184JPV	U1180	184TTDW4112		$758	S2	87.5	17.6/8.8	20.32	13,27
	3600	575	184JP	U1178	184TTDW4123		$680	S2	87.5	7.2	20.16	13
	3600	575	184JPV	U1181	184TTDW4124		$758	S2	87.5	7.2	20.32	13,27
	1800	200	213JP	U182	213TTDW4044		$818	S2	88.5	22.1	23.03	
	1800	200	213JPV	U185	213TTDW4051		$921	S2	88.5	22.1	24.31	27
	1800	208-230/460	213JP	M117	213TTDW7049	✯	$654	S2	84.0	22.0-21.6/10.8	21.53	68
	1800	208-230/460	213JP	M165	213TTDW7050		$758	S2	84.0	22.0-21.6/10.8	22.81	27,68
	1800	230/460	213JP	U183	213TTDW4049		$818	S2	88.5	19.2/9.6	23.03	
	1800	230/460	213JPV	U186	213TTDW4037		$921	S2	88.5	19.4/9.2	23.03	27,68
	1800	575	213JP	U184	213TTDW4039		$818	S2	88.5	7.6	23.03	
	1800	575	213JPV	U187	213TTDW4052		$921	S2	88.5	7.7	24.31	27

Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EPAct and/or NRCan Canadian standards.

✯ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

MARATHON

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MARATHON

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

Accessories & Kits

MARS SERIES **588**

Complete kits with hardware necessary for converting Marathon stock rigid base motors to "C-Face" mounting with rigid base.

Excludes Blue Chip® XRI® Dripproof stock motors, see below

C-Face Kits - Dripproof (Standard and EPAct Efficiency)

MARS NO.	FRAME	KIT NO.	LIST PRICE	WHERE USED (Models Containing)	FOOT NOTES
A435	56	KIT 56CDR-1	$33	a 17mm (203) bearing	
AG212	56	161L185AAG1	$33	a 17mm bearing (5K Type, 30 Frame)	
A534	56	161L187BAG1	$33	a 17mm bearing (5K Type, 40 Frame)	
A436	56-143T-145T	KIT 140TCDR-1	$62	a 25mm (205) bearing	75
A535	143T-145T	161L187BCG1	$62	a 25mm bearing (5K Type, 40 Frame)	75
A666	182T-184T	KIT 175691	$91	TTDW	75
A606	213T-215T	KIT 210TCDW	$128	TTDW, TBDW, or TCDW	75
A612	254T-256T	KIT 250TCDX	$147	TTDX	75
A610	284T-286T/TS	KIT 280TCDP	$273	TTDP or TSTDP	
A287	284T-286T/TS	KIT 280TCDC	$273	TTDC/N	
A1287	284T-286T/TS	KIT 280TCDCA	$273	TTDCA	
A613	324T-326T/TS	KIT 320TCDP	$456	TTDC/P or TSTDC/P	
A216	364T-365T	KIT 360TCDS	$601	TTDC/S	
A219	364TS-365TS	KIT 360TSCDS	$601	TSTDC/S	
A222	404T-405T	KIT 400TCDS	$657	TTDS	
A225	404TS-405TS	KIT 400TSCDS	$657	TSTDS	
A228	444T-445T	KIT 440TCDS	$1,257	TTDS	
A231	444TS-445TS	KIT 440TSCDS	$1,257	TSTDS	
A293	447TS/449TS	KIT 440TSCDN	$1,257	TSTDN	

C-Face Kits - Blue Chip® XRI® Dripproof

MARS NO.	FRAME	KIT NO.	LIST PRICE	WHERE USED (Models)	FOOT NOTES
A600	143T-145T	KIT 175181	$62	U244, U758, U265, U245, U759, U246, and U760	75
A436	143T-145T	KIT 140TCDR-1	$62	E927, E928, and E929	75
A602	213T-215T	KIT 175066	$127	U268, U269, U763, U764, U765 and U766	75
A622	254T-256T	KIT 175067	$146	U254, U255, U767, U768, U769 and U770	75
A626	284T-286T	KIT 175058	$272	U256, U257, U771, U772, U773 and U774	
A627	324T-326T	KIT 175454	$455	U775, U776, U777, U778, U798 and U799	
A628	364T-365T	KIT 175060	$601	U779, U782, U783, U784, U927 and U928	
A629	364T-365T	KIT 175601	$601	U1779, U1782, U1783, U1784, U1927 AND U1928	
A216	364T-365T	KIT 360TCDS	$601	E921	
A222	404T-405T	KIT 400TCDS	$657	E922, E923, U270 and U271	
A225	404TS-405TS	KIT 400TSCDS	$657	U250 and U251	
A228	444T-445T	KIT 440TCDS	$1,257	U272, U273, E924, E925 and E926	

All Kits Listed on This Page are Stock

Accessories & Kits

MARS SERIES 588

Complete kits with hardware necessary for converting Marathon stock rigid base motors to "C-Face" mounting with rigid base.

Excludes Blue Chip® XRI® IEEE-841 stock motors, available on the next page.

C-Face Kits - Totally Enclosed

MARS NO.	FRAME	KIT NO.	LIST PRICE	WHERE USED	FOOT NOTES
A437	56	KIT 56CFR-1	$33	a 17mm bearing (standard frame)	
AG215	56	161L186AAG1	$33	a 17mm bearing (5K Type, 30 Frame)	
A536	56	161L188BAG1	$33	a 17mm bearing (5K Type, 40 Frame)	
A665	56	KIT 175076	$33	Use on 56 frame XRI-NEMA Premium rolled steel models	
A438	56-143T-145T	KIT 140TCFR-1	$62	a 25mm bearing or TBFR, TCFR, TTTR, or TTFR	75
A537	140T	161L188BCG1	$62	a 25mm bearing (5K Type, 40 Frame)	75
A642	140T	KIT 175077	$62	Use on 140 frame XRI-NEMA Premium rolled steel models	75
A603	143T	KIT 143TCFN	$62	TTFN, TTTC, or TTTN	75,76
A655	145T	KIT 145TCFN	$62	TTFN, TTTC, or TTTN	75,76
A666	182T-184T	KIT 175691	$91	Use on 180 frame XRI-NEMA Premium rolled steel models or TTFW	75
A643	182T-184T	KIT 175296	$91	Use on model numbers 182/4TTFR4026 (8-1/2"AK) and 182/4TTFR4040	75
A644	182T-184T	KIT 180CF8.5-1	$91	TTTL/S, TCFL/R,TBFR, TTFC/L/R/S or THTS (Standard 8-1/2" AK dim.)	75
A645	182T-184T	KIT 180CF4.5-1	$91	TTFC/L/R/S (Non-Std. 4-1/2" AK dim.)	75
A609	213T-215T	KIT 210TCFW	$128	TTFW, or TBFW	75
A667	213T-215T	KIT 175844	$128	Use on 210 frame XRI-NEMA Premium rolled steel models containing TTFW1	75
A204	213T-215T	KIT 210TCFL	$128	TTFL/R or TBFL	75
A206	213T-215T	KIT 210TCFS	$128	TTFC/S, THFS, TTTS and THTS (except 213/5TTFC4075)	75
A652	213T-215T	KIT 175068	$128	Use on models 213TTFC4076 and 215TTFC4076	75
A209	254T-256T	KIT 250TCFL	$147	TTFL, and THTL (254TTFL4076)	75
A1209	254-256T	KIT 250TCFL-R	$147	TTFL1 and THTL1 (current frame design) (254TTFL14076)	75
A601	254T-256T	KIT 250TCFP	$147	TTFC (except 254/6TTFC4076)	75
A284	254T-256T	KIT 250TCFNA	$147	TTFNA, and THTNA	75
A239	254T-256T	KIT 250TCFPA	$147	TTFPA, THTPA, and TSTFPA	75
A653	254T-256T	KIT 175191	$147	Use on model numbers 254TTFC4076 and 256TTFC4076	75
A611	284T-286T/TS	KIT 280TCFP	$273	TTFC/P, THFP, TSTFP or TSTFC (except 284/6TTFC4076)	
A617	284T-286T/TS	KIT 280TCFPA	$273	TTFPA, THFPA, and TSTFPA	
A615	284T-286T/TS	KIT 280TCFN	$273	TTFN or TSTFN	
A654	284T-286T	KIT 175061	$273	Use on model numbers 284TTFC4076 and 286TTFC4076	
A618	284T-286T/TS	KIT 280TCFNA	$273	TTFNA, THFNA, or TSTFNA	
A214	324T-326T/TS	KIT 320TCFS	$473	TTFS, THFS, or TSTFS	
A614	324T-326T/TS	KIT 320TCFP	$473	TTFC/P, THFP, TSTFP or TSTFC	
A619	324T-326T/TS	KIT 320TCFPA	$473	TTFPA, THFPA, AND TSTFPA	
A217	364T-365T	KIT 360TCFS	$601	TTFC	
A395	364T-365T	KIT 360TCFSR	$601	TTFS or THFS	
A396	364TS-365TS	KIT 360TSCFSR	$601	TSTFS or TSHFS	
A223	404T-405T	KIT 400TCFS	$657	TTFS or THFS	
A226	404TS-405TS	KIT 400TSCFS	$657	TSTFS or TSHFS	
A229	444T-445T	KIT 440TCFS	$1,257	TTFS or THFS	
A232	444TS-445TS	KIT 440TSCFS	$1,257	TSTFS or TSHFS	
A620	444T-445T	KIT 440TCFN	$1,257	TTFN or THFN	
A621	444TS-445TS	KIT 440TSCFN	$1,257	TSTFN or TSHFN	
A623	447/9T	KIT 449TCFS	$1,257	TTFS or THFS with ball bearings	
A624	447/9TS	KIT 449TSCFS-1	$1,257	TSTFS (313 bearing), 2-Pole	
A625	447/9TS	KIT 449TSCFS-2	$1,257	TSTFS (318 bearing) 4-, 6-, and 8-Pole	

All Kits Listed on This Page are Stock

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

Accessories & Kits

MARS SERIES 588

Complete Kits with hardware and Inpro/Seal® necessary for converting Marathon stock IEEE-841 rigid base motors to "C-Face" mounting with rigid base.

C-Face Kits - Blue Chip® XRI® IEEE-841 Motors

MARS NO.	FRAME	KIT NO.	LIST PRICE	WHERE USED (Models Containing)	FOOT NOTES
A181	143T	KIT 143TCTN - 841	$130	THTN	75,76
A262	145T	KIT 145TCTN - 841	$130	THTN	75,76
A182	182T - 184T	KIT 180TCFS - 841	$184	THTS or THFS	75
A183	213T - 215T	KIT 210TCFS - 841	$248	THTS or THFS	75
A184	254T - 256T	KIT 250TCFNA - 841	$284	THFNA	75
A185	284T - 286T	KIT 280TCFN - 841	$532	THFN	
A186	284T - 286T	KIT 280TCFNA - 841	$532	THFNA	
A187	324T - 326T	KIT 320TCFS - 841	$873	THFS	
A188	364T - 365T	KIT 360TCFSR - 841	$1,093	THFS	
A189	364TS - 365TS	KIT 360TSCFSR - 841	$1,093	TSHFS	
A190	404T - 405T	KIT 400TCFS - 841	$1,200	THFS	
A191	404TS-405TS	KIT 400TSCFS-841	$1,200	TSHFS	
A192	444T - 445T	KIT 440TCFS - 841	$1,669	THFS	
A193	444TS - 445TS	KIT 440TSCFS - 841	$1,669	TSHFS	
A194	444T - 445T	KIT 440TCFN - 841	$1,669	THFN	
A195	444TS - 445TS	KIT 440TSCFN - 841	$1,669	TSHFN	

Terminal Block Kits

Terminal blocks provide for a convenient termination for power leads, and are sized for the proper amperage and voltage of the motor. These kits fit domestically produced NEMA TEFC, TENV, and ODP motors equipped with cast iron conduit boxes. **Not available on frames not listed.**

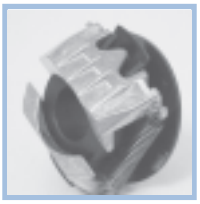
MARS NO.	FRAME	KIT NO.	LIST PRICE
A1000	180-210	KIT 180-210 TERM BLK	$90
A1001	250-320	KIT 250-320 TERM BLK	$110
A1002	360	KIT 360 TERM BLK	$150
A1003	405-445	KIT 400-445 TERM BLK	$150

All Kits Listed on This Page are Stock

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

Accessory Kits - Multiplier Symbol S4

Pool & Spa Motors Accessories



CAT. NO.	KIT NO.	DISCRIPTION	LIST PRICE
A940	52D310833AAP001	30 Frame C-face PE Endshield	$19
A941	52D311808ARP1	40 Frame C-face PE Endshield	$35
A942	52D310814AAP1	30 Frame OPE Endshield	$13
A945	115D964P1	Base Plate for 30 Frame	$7
A946	115D964P2	Base Plate for 40 Frame	$7
A947	115D963P1	Back Compartment Cover	$7
A948	113A617AG001	OPE bearing 17 mm	$8
A949	113A620AYP1	PE bearing 20 mm	$19
A956	161L198AAG9	Switch for Single Speed Models	$8
A957	161L198AAG10	Switch for Two Speed Models	$15
A958	161L197ABG1	Start mech for Single Speed Models	$4
A959	161L197ABG11	Start mech for Two Speed Models	$7
A962	52D310822ACDP1	30 Frame Square Flange PE Endshield	$18
A963	52D311819ABP1	40 Frame Square Flange PE Endshield	$35
A964	52A103486G1	Voltage Changing Plug	$3

Pool Motors Rainshield Kit

Designed for horizontally mounted pump motors to adhere to UL1081 standard. Includes screw and rain cover.

CAT. NO.	KIT NO.	WHERE USED	LIST PRICE
AG697	161L210AAP1	5” & 5 1/2” Dia. Motors	$51

All Kits Listed on This Page are Stock

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

Brake Kits - Single and Three Phase Motors

Stearns Brake Kits

These kits include a brake mounted to an external cast aluminum fan guard. Designed for easy field installation on Marathon's Four-In-One motors, 56, 143 and 145 frames only.

TORQUE RATING LB-FT	LIST PRICE	115/230 VOLT		208-230/460 VOLT		575 VOLT	
		MARS NO.	KIT NO.	MARS NO.	KIT NO.	MARS NO.	KIT NO.
3	$355	A306	KIT 3BRK1	A301	KIT 3BRK3	A297	KIT 3BRK3A
6	$419	A307	KIT 6BRK1	A302	KIT 6BRK3	A298	KIT 6BRK3A
10	$518	—	—	A303	KIT 10BRK	A299	KIT 10BRKA

Selection Chart
(Used to select brake size)

MOTOR HP	BRAKEMOTOR SHAFT RPM		
	LB-FT @3600	LB-FT @1800	LB-FT @1200
1/4	—	—	3
1/3	—	3	3
1/2	3	3	3
3/4	3	6	6
1	3	6	6
1.5	6	10	10

Dings Brake Kits

These kits include a brake mounted to an external cast aluminum fan guard. Designed for easy field installation on Marathon's Four-In-One motors, 56, 143 and 145 frames only.

TORQUE RATING LB-FT	LIST PRICE	115/230 VOLT		208-230/460 VOLT		575 VOLT	
		MARS NO.	KIT NO.	MARS NO.	KIT NO.	MARS NO.	KIT NO.
3	$355	A1306	KIT BRK-3 115/230	A1301	KIT BRK-3 208-230/460	A1297	KIT BRK-3 575
6	$419	A1307	KIT BRK-6 115/230	A1302	KIT BRK-6 208-230/460	A1298	KIT BRK-6 575
10	$518	-	-	A1303	KIT BRK-10 208-230/460	A1299	KIT BRK-10 575

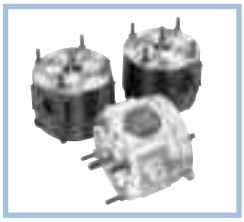
Inverter Duty, TENV Black Max® and Blue Max® Motors - Multiplier Symbol E3

TORQUE RATING LB-FT	LIST PRICE	115/208-230 VOLT		208-230/460 VOLT		575 VOLT	
		MARS NO.	KIT NO.	MARS NO.	KIT NO.	MARS NO.	KIT NO.
6	$638	A317	KIT BM6BRK115	A312	KIT BM6BRK	A315	KIT BM6BRK575
10	$775	A318	KIT BM10BRK115	A313	KIT BM10BRK	A316	KIT BM10BRK575

See page 230 for encoder kit for installation between motor and brake.

For normal (140%) torque rating, do not apply on motors larger than 2 HP. Reduced braking torque and/or longer stopping times can result from applying an undersized brake on higher HP motors.

These brake kits fit on both Black Max® and Blue Max® TENV motors (See pages 175 and 177). These can also be used together with the Double C-Face SL56 encoder to make a closed loop inverter brake motor.



Vertical Modification Kit (Stearns 87000-series) - Multiplier Symbol E3

Includes required hardware to accommodate vertical-above or vertical-below mounting. 5HP (184) and larger.

MARS NO.	KIT NO.	LIST PRICE
A157	KIT VRT87BRK	$375

Double C-Face Coupler Brakes

ENCLOSURE NEMA2, IP-23 208-230/460V	MARS NO.	KIT NO.	LIST PRICE	ENCLOSURE NEMA4, IP-54 208-230/460V	MARS NO.	KIT NO.	LIST PRICE	ENCLOSURE NEMA4X, IP-55 208-230/460V	MARS NO.	KIT NO.	LIST PRICE
3 ft. lb.	A903	KIT 903	$473	3 ft. lb.	A906	KIT 906	$582	3 ft. lb.	A909	KIT 909	$674
6 ft. lb.	A904	KIT 904	$528	6 ft. lb.	A907	KIT 907	$657	6 ft. lb.	A910	KIT 910	$729
10 ft. lb.	A905	KIT 905	$601	10 ft. lb.	A908	KIT 908	$729	10 ft. lb.	A911	KIT 911	$801

All Kits Listed on This Page are Stock

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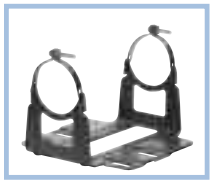
Accessories & Kits

MARS SERIES 588



Resilient Base - (GE)

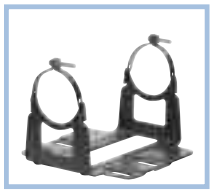
Includes base and latch straps.
For use with motors having 2 1/4" resilient rings.

Nema 48 Frame, 2 1/4" Dia Rings

MARS NO.	KIT NO.	LIST PRICE	SHELL LENGTH	FRAME SIZE
AG109	161L113AAG1	$28	5.16	32
AG110	161L113AAG2	$28	5.41	33
AG111	161L113AAG3	$28	5.79	35
AG112	161L113AAG4	$28	6.22	36
AG113	161L113AAG5	$28	6.62	37
AG114	161L113AAG6	$28	7.22	38
AG115	161L113AAG9	$28	7.75	39

Nema 56 Frame, 2 1/4" Dia Rings

MARS NO.	KIT NO.	LIST PRICE	SHELL LENGTH	FRAME SIZE
AG125	161L113ADG1	$28	5.41	33
AG127	161L113ADG3	$28	6.22	36, 49
AG128	161L113ADG4	$28	6.62	37, 46
AG129	161L113ADG5	$28	7.22	38, 49
AG130	161L113ADG14	$28	7.75	39, 49



Resilient Base - MEMC

Used to add a Resilient Base to models having Resilient Rings. Results in 3" shaft height. Kit includes: mounting base and 2 latch assemblies.

MARS NO.	KIT NO.	RING TO RING DIMENSION	LIST PRICE
A107	KIT 107-637	6.37"	$11

6 1/2" Dia Fan & Blower Replacement Motors

MARS NO.	KIT NO.	LIST PRICE	FITS CATALOG NO.
AG125	161L113ADG1	$28	P243, P245
AG127	161L113ADG3	$28	P244, P246, P180
AG128	161L113ADG4	$28	P184, P185

Resilient Mounting Kit

Used to add a resilient base to models having hubs only. 3-1/2" shaft height. Kit includes: mounting base, 2 resilient rings, 2 latch assemblies, 2 end caps and a slinger.

MARS NO.	KIT NO.	USED WITH CAT. NO.	BASE LENGTH	LIST PRICE
MA279■	KIT 279	X500	8-5/8"	$19
MA280■	KIT 280	X501, X511, X208	9-1/8"	$19
MA281■	KIT 281	X507, X509	11-5/8"	$42
MA282■	KIT 282	X503	10-5/8"	$37
MA283■	KIT 283	X502, X207	9-5/8"	$37
A308	KIT 308	X206	10-1/8"	$37

Resilient Mount Kit

Fits 48 Frame motors with 2-1/2" diameter resilient rings. Available in 3 sizes to fit 9", 10" and 12" blowers.

MARS NO.	KIT NO.	SIZE	LIST PRICE
MA240■	KIT 240	9"	$36
MA241■	KIT 241	12"	$54
MA242■	KIT 242	10"	$44

All Kits Listed on This Page are Stock

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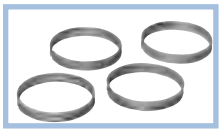
MARATHON

Accessories & Kits

MARS SERIES 588

Split Mounting Rings

Used for adapting a 2-1/4″ Resilient Mounting Ring to 2-1/2″. Kit includes: 4 split rings.



MARS NO.	KIT NO.	LIST PRICE
A104	KIT 104	$7

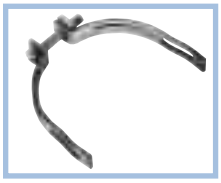
Resilient Ring Kit

Used to mount Resilient Rings onto Hubbed PSC Brackets. Kit includes: 2 rubber resilient rings and 4 split rings.

MARS NO.	KIT NO.	LIST PRICE	NOTES
MA110■	KIT 110	$10	2-1/4" (48 frame)
A114	KIT 114	$14	2-1/2" (56 frame)

Rubber Mounting Hardware

Used for mounting the resilient base to a resilient ring. Kit includes: 4 clamps, 2 screws, and 2 nuts.



MARS NO.	KIT NO.	LIST PRICE	NOTES
A112	KIT 112	$7	56 Frame
A113	KIT 113	$7	48 Frame

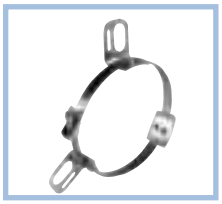
Resilient Base Latches

For use with standard bases. Two are required per motor.

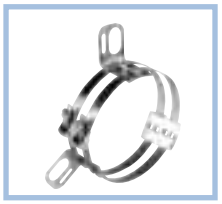
MARS NO.	KIT NO.	LIST PRICE	NOTES
AG195	161L110AA1	$3	2 1/2" dia; 30 or 40
A518	161L110AA4	$3	2 1/2" dia; 40

MARATHON

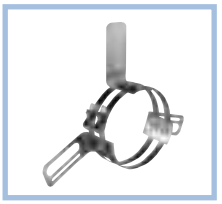
48 Frame Lug Mounts Kits



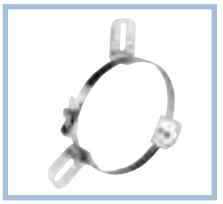
A249
Single Strap,
Dual Slot
2″ L, 1/4″ & 3/4″ W
$17



A250
Double Strap,
Dual Slot
2″ L, 1/4″ & 3/4″ W
$17



MA251■
Double Strap,
Dual Slot
4″ L, 1/4″ & 3/4″ W
$17



A252
Single Strap,
Single Slot
2″ L x 3/8″ W
$17

A253
Double Strap,
Single Slot
2″ L x 3/8″ W
$17

A254
Double Wire,
Single Slot
2″ L x 3/8″ W
$17

■ Please note MARS has added an "M" to the front of this item.

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Accessories & Kits

MARS SERIES 588

Length Adapter Kit

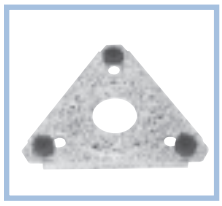
Used to convert Hubless motors to Resilient Ring mount. One adapter bracket can be mounted directly to original motor bracket and the other is mounted on the motor's thru-bolts and can be adjusted to desired length. Kit includes: 2 adapters, 2 resilient rings, 4 split rings, and the necessary nuts, screws, and washers.

MARS NO.	KIT NO.	DESCRIPTION	LIST PRICE
MA111■	KIT 111	Two Adapters	$18

Rheem/Ruud Mounting Kit

Used to replace a Rheem/Ruud condenser fan motor where the original was held in place by four cables. Kit includes: prepunched plated steel plate, 4-8x32 nuts with washer fastened, 4-10x32 nuts with washers fastened and 4-1/4" sheet metal screws. Instructions included.

CAT. NO.	KIT NO.	LIST PRICE
A259	Kit 259	$22



Fedders Mounting Kit

Used in Fedders air conditioners.

MARS NO.	KIT NO.	LIST PRICE
A277	Kit 277	$22

Fedders Adapter Plate

Used to match Fedders rectangular mounting stud pattern on 5-5/8" motors.

MARS NO.	KIT NO.	LIST PRICE
MA278■	Kit 278	$12

Capacitor Mounting Kit

Used for mounting a capacitor on the frame of a Permanent Split Capacitor motors. Kit includes: mounting strap, mounting screws, and terminal protection boot. (4 screws are included - 2#10 screws and 2#8 screws). **Fits 10mfd. and smaller capacitors only.**

MARS NO.	KIT NO.	LIST PRICE
MA100■	Kit 100	$7

Capacitor with Mounting Kit

Kit includes 370 volt capacitor, mounting strap, mounting screws and terminal protection boot.

MARS NO.	KIT NO.	SIZE	LIST PRICE
MA243■	Kit 243	5.0 mfd	$14
MA244■	Kit 244	7.5 mfd	$17
MA245■	Kit 245	10.0 mfd	$19

MARATHON

■ Please note MARS has added an "M" to the front of this item.

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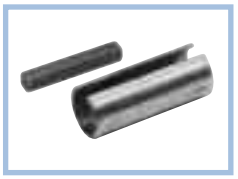
Accessories & Kits

MARS SERIES **588**

Capacitor Selection Guide for Stock PSC Motors

370 VOLT											440 VOLT	
3.0 mfd 12003 (ov) 12093 (rd) 12903 (ov) 12993 (rd)	4.0 mfd 12004 (ov) 12094 (rd) 12904 (ov) 12994 (rd)	5.0 mfd 12005 (ov) 12095 (rd) 12905 (ov) 12995 (rd)	7.5 mfd 12007 (ov) 12097 (rd) 12907 (ov) 12997 (rd)	10.0 mfd 12008(ov) 12098(ov) 12908(rd) 12998(rd)	15.0 mfd 12010 (ov) 12210 (rd) 12910 (ov) 12710 (rd)	17.5 mfd 12012 (ov) 12212 (rd) 12912 (ov) 12712 (rd)	20.0 mfd 12014 (ov) 12214 (rd) 12914 (ov) 12714 (rd)	25.0 mfd 12015 (ov) 12215 (rd) 12915 (ov) 12715 (rd)	30.0 mfd 12017 (ov) 12217 (rd) 12917 (ov) 12717 (rd)	7.5 mfd 12031 (ov) 12107 (rd) 12931 (ov) 12807 (rd)	10.0 mfd 12032 (ov) 12232 (rd) 12932 (ov) 12732 (rd
X411	X223	X001 X048 X069 X210 X412	X000 X294	X004 X453	X009	X433	X206	X242	X271	X454	X237
X427	X273	X003 X049 X070 X212 X417	X002 X413	X010 X458	X016		X447	X449	X448	X446	X241
X429	X281	X006 X050 X080 X215 X418	X005 X415	X021 X1010	X023			X462		X405	P192
		X011 X052 X081 X216 X419	X013 X422	X033	X027						
		X012 X056 X082 X217 X420	X015 X424	X035	X036						
		X014 X057 X083 X219 X423	X018 X426	X038	X039						
		X017 X058 X086 X233 X428	X020 X450	X063	X085						
		X019 X059 X087 X234 X430	X022 X456	X068	X090						
		X034 X060 X088 X236 X440	X037 X457	X084	X099						
		X040 X061 X089 X258 X441	X071 X465	X096	X205						
		X041 X062 X097 X262 X442	X203	X098	X207						
		X042 X064 X200 X278 X443	X213	X208	X218						
		X043 X065 X202 X287 X445	X214	X211	X298						
		X044 X066 X204 X295 X463	X222	X221	X444						
		X045 X067 X209 X297 X464	X225	X400	X452						
			X231	X414	X455						
			X283	X416	X459						
				X451							

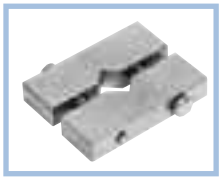
Shaft Adapter Sleeve



Used to increase the diameter of a shaft to a larger size. Available sizes include converting from a 1/2" dia. shaft with flat to a 5/8" dia. with key and from a 5/8" dia. with key to a 3/4" dia. with key. Kit includes adapter sleeve and key.

MARS NO.	KIT NO.	TO CHANGE SHAFT	LIST PRICE
A105	KIT 105	1/2" to 5/8"	$7
A106	KIT 106	5/8" to 3/4"	$10

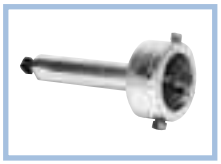
Shaft Lock Device



Used as a pry point for prying the blade off. Instructions included.

MARS NO.	KIT NO.	LIST PRICE
A257	KIT 257	$42

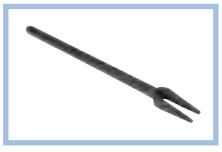
Blower Wheel Remover



Used to pull off corroded, rusted, stubborn blower wheels from 5/8" diameter shafts and smaller. Comes with complete instructions.

MARS NO.	KIT NO.	LIST PRICE
A256	KIT 256	$132

Tapered Fork



Used for prying off pulleys, fan blades, etc., from any shaft 5/8" diameter or smaller. Long 16" handle gives good leverage.
Instructions included.

MARS NO.	KIT NO.	LIST PRICE
A258	KIT 258	$55

Toggle Switch

Start switches for single-phase open dripproof motors only in ratings one horsepower and smaller. Switch is mounted on the motor terminal box cover.

MARS NO.	KIT NO.	LIST PRICE	NO. OF POLES	FRAME SIZE
AG228	112A515AKG4	$33	Single (SPST)	30
AG229	112A515ASG2	$33	Single (SPST)	40

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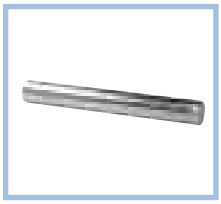
Brass Punch



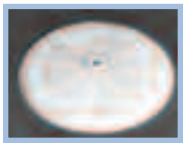
Used for placing between your hammer and a motor's shaft or bearing. 3/4" diameter x 6" length.

MARS NO.	KIT NO.	LIST PRICE
MA261■	KIT 261	$19

Motor Rainshield/Fan Canopy

Sizes to fit 1/2" or 5/8" diameter shafts. 6.88" diameter. Shield has 8 air vanes to provide air circulation for motor. For vertical shaft up applications. Rain shield mounts over shaft.

MEMC



MARS NO.	KIT NO.	SHAFT DIA.	LIST PRICE
MA247■	KIT 247	1/2"	$7
A248	KIT 248	5/8"	$7

(GE)

Includes clamp and black plastic cover.

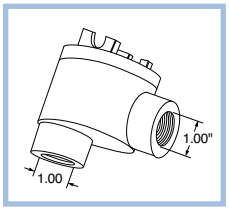
MARS NO.	KIT NO.	LIST PRICE	WHERE USED
A549	52A101229AAG1	$51	5.5" Dia. Motors, 1/2" shaft dia.

Drip Cover Kits

Mounts with two screws into the end bracket. Kit includes: drip cover, mounting screws, washers, and instructions. Contact Marathon Electric to determine compatibility with motor. For vertical shaft down applications.

Note: Kit 234, the mounting holes have a 4.80 bolt circle.

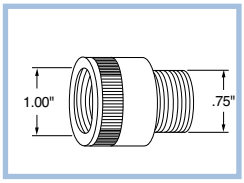
MARS NO.	FRAME	KIT NO.	ENCLOSURE	LIST PRICE
MA234■	48-184T("629")	KIT 234	ODP OR TEFC	$21
AG234	48-56	161L528AAG1	5K MDLS ODP or TEFC	$21
MA201■	182T-184T	KIT 201	ODP	$24
A662	182T-184T	KIT 175614	ODP (TTDW) or TEFC (TTFW)	$55
MA197■	182T-184T	KIT 197	TEFC (4-IN-1)	$24
A202	213T-215T	KIT 202	ODP (TTDR)	$28
MA198■	213T-215T	KIT 198	ODP (TTDW)	$28
MA199■	213T-215T	KIT 199	TEFC (4-IN-1)	$28
A311	254T-256T	KIT 311	ODP (TTDX) Rigid Base	$28



Conduit Box Kit (56/140 Frame Explosion Proof Motors)

For installation on rolled steel 56/140 frame explosion proof motors. Lead exit holes are 1" dia. NPT.

MARS NO.	KIT NO.	LIST PRICE
A800	KIT 56 EXPR BOX	$83



Lead Exit Reducers (56/140 Frame Explosion Proof Motors)

For reducing the lead exit from 1" to 3/4". Kit LDRDCR-M has an externally threaded 3/4" exit and internally threaded 1" exit.

MARS NO.	KIT NO.	LIST PRICE
A803	KIT LDRDCR-M	$15

Cast Iron Conduit Box Kits

Fits standard Blue Chip® motors. Threaded conduit box and gaskets.

MARS NO.	FRAME	KIT NO.	LIST PRICE
A720	182-215T	KIT 180/210CB	$71
A722	254T-256T	KIT 250CB	$118
A729	284T/TS-286T/TS	KIT 280CB	$159
A730	324T/TS-326T/TS	KIT 320CB	$177
A119	364T/TS-445T/TS	KIT 364-445CB	$297

■ Please note MARS has added an "M" to the front of this item.

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Accessories & Kits

MARS SERIES 588

Severe Duty - Upgrade to Cast Iron Fan Cover / Conduit Box

Fits standard Blue Chip® motors to achieve all cast iron construction.
Components include fan guard and threaded conduit box.

MARS NO.	KIT NO.	LIST PRICE	FRAME	WHERE USED (Models Containing)
A715	KIT 140CB	$98	143T-145T	TTTN
A718	KIT 180R	$141	182T-184T	TTTS, TTFS, TTFC, THTS
A721	KIT 210R	$205	213T-215T	TTFS, TTTS, THTS, TTFC
A723	KIT 250RFPA	$249	254T-256T	TTFPA, or THFPA
A724	KIT 250RFNA	$249	254T-256T	TTFNA, TTFCA, THTNA, or THFNA
A725	KIT 250R	$249	254T-256T	TTFC
A726	KIT 280RFPA	$346	284T-286T	TTFPA, TSTFPA, or TSHFPA
A727	KIT 280RFN	$346	284T-286T	TTFN or TSTFN
A728	KIT 280R	$346	284T-286T	TTFC or TTFP
A731	KIT 280RFNA	$346	284T-286T	TTFNA, TSTFNA, THFNA or TSHFNA
A733	KIT 320RFPA	$367	324T-326T	TTFPA, TSTFPA, THFPA, or TSHFPA

Ball Bearing Conversion Kits

For conversion of Roller Bearing on Drive End to Ball Bearing (for Direct-coupled applications).
CONFIRM KIT SELECTION WITH CUSTOMER SERVICE/ENGINEERING

MARS NO.	KIT NO.	LIST PRICE	FRAME	BEARING SIZE	ENCLOSURE	WHERE USED (Models Containing)
A760	KIT 440BBFN	$1,366	444T-445T	318	TEFC	TTFN
A761	KIT 449BBFS	$1,421	447T-449T	319	TEFC	TTFS
A788	KIT 449BBFS-319	$1,421	L447T-L449T	319	TEFC	TTFS
A787	KIT 449BBFS-322	$1,421	447T-449T	322	TEFC	TTFS
A795	KIT L449BBFS-322	$1,421	L447T-L449T	322	TEFC	TTFS

Roller Bearing Conversion Kits

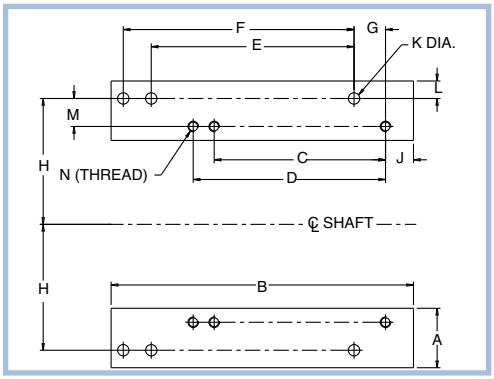
For conversion of Ball Bearing on Drive End to Roller Bearing (for Belted Applications).
CONFIRM KIT SELECTION WITH CUSTOMER SERVICE/ENGINEERING

MARS NO.	KIT NO.	LIST PRICE	FRAME	ENCLOSURE	WHERE USED (Models Containing)
A755	KIT 360BRFSR-314	$1,039	364T-365T	TEFC	TTFS
A756	KIT 400BRFS-316	$1,039	404T-405T	TEFC	TTFS
A757	KIT 440BRFS-318	$1,366	444T-445T	TEFC	TTFS
A759	KIT 440BRFN	$1,366	444T-445T	TEFC	TTFN
A758	KIT 449BRFS	$1,421	447T-449T	TEFC	TTFS

All Kits Listed on This Page are Stock

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

Transition Bases

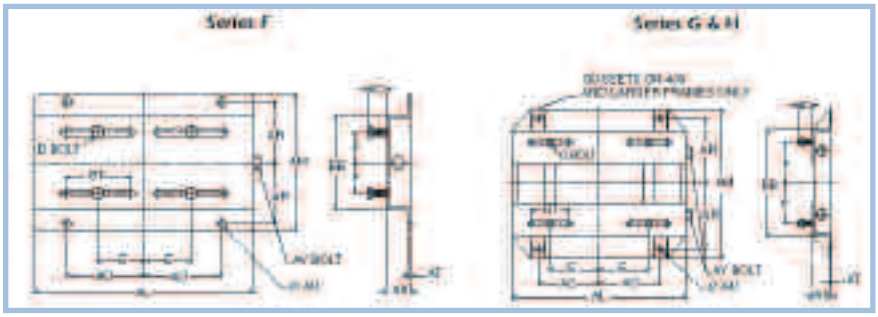


Application: Convert "T" frame ratings to "U" frame based dimensions and shaft heights. Shaft dimensions may vary from actual "U" frame specifications.

Dimensions = Inches

CAT. NO.	KIT #	CONVERTS FROM	CONVERTS TO	A	B	HGT	C	D	E	F	G	H	J	K	L	M	N (THREAD)	APP. WGHT.	LIST PRICE
1814T	KIT 180U	143/5T	182/4	2 1/4	7 1/2	1	4	5	4 1/2	5 1/2	1/2	3 3/4	1	7/16	1/2	1	5/16-18	2	$131
2118T	KIT 210U	182/4T	213/5	1 3/4	9 1/2	3/4	4 1/2	5 1/2	5 1/2	7	1	4 1/4	1	7/16	7/16	1/2	3/8-16	3	$166
25U21T	KIT 250U	213/5T	254/6U	2 7/16	12 3/4	1	5 1/2	7	8 1/4	10	1 1/8	5	1	9/16	5/8	3/4	3/8-16	5	$166
28U25T	KIT 280U	254/6T	284/6U	2 3/4	14 1/4	3/4	8 1/4	10	9 1/2	11	1 3/8	5 1/2	1 1/4	9/16	15/16	1/2	1/2-13	8	$166
32U28T	KIT 320U	284/6T	324/6U	3 1/4	15 3/4	1	9 1/2	11	10 1/2	12	1 1/2	6 1/4	1 1/2	11/16	15/16	3/4	1/2-13	10	$196
36U32T	KIT 360U	324/6T	364/5U	3 11/16	16 1/2	1	10 1/2	12	11 1/4	12 1/4	1 3/4	7	1 3/4	11/16	1 3/16	3/4	5/8-11	13	$232
40U36T	KIT 400U	364/5T	404/5U	4 1/4	18 5/8	1	11 1/4	12 1/4	12 1/4	13 3/4	2	8	2	13/16	1 1/4	1	5/8-11	22	$297
44U40T	KIT 440U	404/5T	444/5U	4 1/4	21 5/8	1	12 1/4	13 3/4	14 1/2	16 1/2	2 1/4	9	2	13/16	1 1/4	1	3/4-10	24	$297

Adjustable Motor Bases (Slide Bases)



Application: Used to adjust tension during motor installation. Made with heavy duty steel construction with single screw adjustment for 143T-215T Frame and double screw adjustment for 254T Frame and larger.

Dimensions = Inches

SERIES	FRAME	CAT. NO.	KIT NO.	AL	AM	AX	BB	E	F	AO	AR	AU	BT	AT	XC	D BOLT	AY BOLT	WGHT. LBS.	LIST PRICE
F	143	143A	KIT 143SB	10 1/2	7 1/2	1 1/8	5 1/2	2 3/4	2	3 3/4	3 3/8	3/8	3	0.119	13/16	5/16 x1	3/8x4	5	$80
F	145	145A	KIT 145SB	10 1/2	8 1/2	1 1/8	6 1/2	2 3/4	2 1/2	3 3/4	3 7/8	3/8	3	0.119	13/16	5/16x1	3/8x4	6	
F	182	182A	KIT 182SB	12 3/4	9 1/2	1 1/2	6 1/2	3 3/4	2 1/4	4 1/2	4 1/4	1 /2	3	0.134	1 1/2	3/8x1 3/4	1/2x6	9	$89
F	184	184A	KIT 184SB	12 3/4	10 1/2	1 1/2	7 1/2	3 3/4	2 3/4	4 1/2	4 3/4	1/2	3	0.134	1 1/2	3/8s 1 3/4	1/2x6	9	
F	213	213A	KIT 213SB	15	11	1 3/4	7 1/2	4 1/4	2 3/4	5 1/4	4 3/4	1/2	3 1/2	0.164	1 1/2	3/8x1 3/4	1/2x6	13	$107
F	215	215A	KIT 215SB	15	12 1/2	1 3/4	9	4 1/4	3 1/2	5 1/4	5 1/2	1/2	3 1/2	0.164	1 1/2	3/8x1 3/4	1/2x6	15	
G	254	254B2	KIT 254SB	17 3/4	15 1/8	2	10 3/4	5	4 1/8	6 1/4	6 5/8	5/8	4	3/16	1 7/16	1 /2x1 3/4	5/8x6	17	$172
G	256	256B2	KIT 256SB	17 3/4	16 7/8	2	12 1/2	5	5	6 1/4	7 1/2	5/8	4	3/16	1 7/16	1 /2x1 3/4	5/8x6	18	
G	284	284B2	KIT 284SB	19 3/4	16 7/8	2	12 1/2	5 1/2	4 3/4	7	7 1/2	5/8	4 1/2	3/16	1 11/16	1/2x2	5/8x6	21	$204
G	286	286B2	KIT 286SB	19 3/4	18 3/8	2	14	5 1/2	5 1/2	7	8 1/4	5/8	4 1/2	3/16	1 11/16	1/2x2	5/8x6	22	
G	324	324B2	KIT 324SB	22 3/4	19 1/4	2 1/2	14	6 1/4	5 1/4	8	8 1/2	3/4	5 1/4	3/16	2 3/16	5/8x2 1/2	3/4x9	31	$337
G	326	326B2	KIT 326SB	22 3/4	20 3/4	2 1/2	15 1/2	6 1/4	6	8	9 1/4	3/4	5 1/4	3/16	2 3/16	5/8x2 1/2	3/4x9	32	
G	364	364B2	KIT 364SB	25 1/2	20 1/2	2 1/2	15 1/2	7	5 5/8	9	9 1/8	3/4	6	1/4	2 1/16	5/8x2 1/2	3/4x9	44	$440
G	365	365B2	KIT 365SB	25 1/2	21 1/2	2 1/2	16 1/2	7	6 1/8	9	9 5/8	3/4	6	1/4	2 1/16	5/8x2 1/2	3/4 x9	45	
H	404	404B2	KIT 404SB	28 3/4	22 3/8	3	16 1/2	8	6 1/8	10	9 7/8	7/8	7	1/4	2 1/2	3/4x3	3/4x11	60	$643
H	405	405B2	KIT 405SB	28 3/4	23 7/8	3	18	8	6 7/8	10	10 5/8	7/8	7	1/4	2 1/2	3/4x3	3/4x11	61	
H	444	444B2	KIT 444SB	31 1/4	24 5/8	3	19 1/4	9	7 1/4	11	11	7/8	7 1/2	1/4	2 1/2	3/4x3	3/4x11	67	$889
H	445	445B2	KIT 445SB	31 1/4	26 5/8	3	21 1/4	9	8 1/4	11	12	7/8	7 1/2	1/4	2 1/2	3/4x3	3/4x11	69	
H	447	447B2	KIT 447SB	31 1/4	30 1/8	3	24 3/4	9	10	11	13 3/4	7/8	7 1/2	5/16	3	3/4x3 1/2	3/4x11	92	$1,064
H	449	449B2	KIT 449SB	31 1/4	35 1/8	3	29 3/4	9	12 1/2	11	16 1/4	7/8	7 1/2	5/16	3	3/4x3 1/2	3/4x11	95	

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

MARATHON

Grounding Kits

Shaft Grounding

Shaft grounding is recommended (NEMA MG1 31.4.4.3) as an effective means of bearing protection for motors operated from inverter power. One grounding device is adequate to bleed down inverter-sourced shaft voltages, thereby protecting both bearings for motors as large as 6085 frame. Kits includes grounding ring, mounting hardware and instructions. Shaft ground rings fit these NEMA shaft extension frames listed below, they are designed to mount on the shaft end. For 5000 and larger frames, please contact Marathon Electric.

SHAFT GROUNDING RING (SGR)

FRAME	KIT NO.	CAT NO.	KIT LIST PRICE	MOD Central (installed) LIST PRICE
48	KIT SGR-11.2	A500-5	$195	$395
56	KIT SGR-14.4	A500-8	$195	$395
143-145T	KIT SGR-20.7	A500-14	$207	$441
182-184T	KIT SGR-27.1	A500-20	$225	$456
213-215T	KIT SGR-33.4	A500-26	$254	$472
254-256T	KIT SGR-39.8	A500-32	$313	$681
284-286T	KIT SGR-46.1	A500-38	$374	$711
284-286TS	KIT SGR-39.8	A500-32	$313	$711
324-326	KIT SGR-52.5	A500-44	$433	$788
324-326TS	KIT SGR-46.1	A500-38	$374	$788
364-365	KIT SGR-58.8	A500-50	$492	$950
364-365TS	KIT SGR-46.1	A500-38	$374	$950
404-405	KIT SGR-71.5	A500-62	$728	$1,038
404-405TS	KIT SGR-52.5	A500-44	$433	$1,038
444-445T	KIT SGR-84.2	A500-74	$1,043	$1,327
444-445TS	KIT SGR-58.8	A500-50	$492	$1,327
447/449T	KIT SGR-84.2	A500-74	$1,043	$1,327
447/449TS	KIT SGR-58.8	A500-50	$492	$1,327
5000LS	KIT SGR-71.5	A500-62	$728	N/A

Replacement ground brush mounting hardware and brushes

CAT. NO.	KIT NO.	LIST PRICE	COMMENTS
A103	KIT 103	$312	Drive end mount
A116	KIT 116	$450	Non-drive end mount
A109	KIT 109	$49	Replacement Brush

Grounding devices may not be installed on motors used in Division I or Division 2 hazardous locations.

All Kits Listed on This Page are Stock

Footnotes

1 Capacitor Start/Capacitor Run design for reduced amperage
2 Capacitor Start Induction Run design
3 Split Phase design
4 Sleeve bearing
5 56H, 143T, and 145T Combination Base with 12 mounting holes
6 Bolt-on removable base for footless mounting option
7 Shaft extension 1-1/2" long by 1/2" diameter
8 Shaft extension 1-7/8" long by 1/2" diameter
9 Shaft extension 2-1/4" long by 1/2" diameter
10 Shaft extension 2-1/4" long by 5/8" diameter
11 Shaft extension 2-1/4" long by 7/8" diameter
12 With rigid base
13 F1 Mounting only, cannot reassemble to F2
14 Will accept C-Face kit, see Accessory Section
15 Fixed CW Rotation, viewing opposite shaft (or lead end) of motor
16 Fixed CCW Rotation, viewing opposite shaft (or lead end) of motor
17 1.0 Service Factor
18 1.15 Service Factor
19 1.25 Service Factor
20 1.35 Service Factor
21 Double shaft extension 1-1/2" long by 1/2" diameter with flat each end
22 Double shaft extension 1-7/8" long by 5/8" diameter each end
23 Shaft extension 3/8" diameter
24 Motor will NOT accept a Brake kit
25 Motor will NOT accept C-Face Kits
26 5/8" shaft adapter included
27 Drip Cover included
28 Steel Endshields
29 Weep holes with removable plugs on end brackets. Remove bottom plug after installation
30 Resilient ring mount, base not included
31 5/8" Thru-bolts, shaft end
32 3/4" Thru bolts, shaft end
33 Shaft extension 6" long by 5/8" diameter with full flat and key 90° apart
34 1" Thru-bolts, shaft end
35 1-1/8" Thru-bolts, shaft end
36 1-1/4" Thru-bolts, shaft end
37 1-1/2" Thru-bolts, shaft end
38 2" Thru-bolts, shaft end
39 No Thru-bolts, shaft end
40 Space heaters and 100 ohm platinum stator RTDs included.
41 1/2" Thru-bolts, opposite shaft end
42 3/4" Thru-bolts, opposite shaft end
43 2-1/2" Resilient Rings included
44 1" Thru-bolts, opposite shaft end
45 60° C ambient
46 65° C ambient
47 Connected for CCW rotation (U.S. standard) facing opposite shaft end. Reversible by reconnection of leads
48 Connected for CW rotation (Canadian standard) facing opposite shaft end. Reversible by reconnection of leads
49 Shaft extension 1-13/16" long by 1/2" diameter with 6-3/8" mounting flange
50 Designed for 50 Hz operation
51 Does not include resilient rings, see Accessory Section
52 1/2" x 1-7/8" Shaft with 1-5/8" Flat
53 1/2" Shaft with 5/8" adapter and Key
54 30 minute duty cycle, not rated for continuous duty
57 Open construction
58 Capacitor supplied with motor
59 TEAO construction
60 Foot locating Set Screws on frame, 90 apart
61 10" Leads
62 43" Leads
65 Mounting accessories and resilient ring for pulley end are not included. Use accessory kit 161L131AB1 for resilient ring mounting.
67 Capacitor not included, see Accessory Section
68 Rated 60/50 hertz, 190/380 or 380 volt at next lower horsepower
69 50 C Ambient
70 Not Nameplated 50 hz
71 Includes length adapter bracket
72 Usable on 200 Volts at 1.0 service factor
73 No hubs
74 Split phase/capacitor run electrical design
75 Addition of C-Face Kits may result in non-NEMA "BA", dimension. For the resulting "BA" dimension consult chart found in modification section
76 Addition of C-Face Kits in non-NEMA "AH" dimension. "AH" is 2.12, Rework "AH" is 2.38
77 Frame size is drilled with three sets of footholes, 5010, 5011, and 5012 as standard. Foothole drilling for 5009 available upon request, as a build-up
78 Frame size is drilled with two sets of footholes, 5012 and 5013 standard
79 Ball brgs on both ends suitable for direct connection. For belted applications, refer to Customer Service
80 Rolled steel fan guard on 143T-145T
81 24" long #18 SO 2-conductor cord out shell at 11 o'clock position
82 Welded Rigid Base
83 Shaft extension 1-7/8" long by 5/8" diameter with 6-3/8" mounting flange
84 NEMA 145T C-Face mounting with removable 182T rigid base
85 Not tach adaptable
86 2:1 constant torque speed range; RTM for greater torque capability
87 10:1 Constant torque available as build-up, refer to marketing for price and availability
88 182T base and shaft height, 145TC mounting face and shaft dimensions
89 Threaded NPT opening in conduit box
90 Not UL Recognized
91 Suitable for use on VFD at 208 volt
92 7/8" thru-bolts on shaft end
93 Permanent split capacitor-switchless
94 1/2" Thru-bolts, shaft end
95 Will not accept drip cover kit
96 3 lead reversible design works with single pole, double throw reversing switch
97 Addition of D-Flange kit will result in non-NEMA "BA" dimension (1/2" longer than NEMA) and non-NEMA shaft extension (1/2" shorter than NEMA).
98 Not UL Listed for Fire Pump applications
99 Suitable for 2:1 CT operation
100 6" shaft extension with 2 flats 90° apart
110 1.2 Service Factor
111 1.3 Service Factor
112 1.4 Service Factor
113 1.5 Service Factor
114 1.6 Service Factor
115 1.75 Service Factor
116 1-3/4" thru-bolt extension on shaft-end
2:1 Suitable for 2:1 CT operation; consult "R164 Rework" table for fan change pricing to upgrade to 10:1 CT
A NEMA Design A
AH Conforms to GM 7EH and satisfies Ford EM-1 and GM 7EQ
AL Aluminum Frame Construction
AQ Conforms to GM 7EQ and satisfies Daimler Chrysler NPEM-100, and Ford EM-1
BI Class B Insulation
B NEMA Design B
BP Separate power supply required for blower motor
C NEMA Design C
CD Suitable for Group C
CF Consult Factory for Accessory Kit and/or Modification Selection
CT Suitable for 20:1 CT on Vector Drive, continuous duty or 2000:1
d Will become build-up item when current stock is gone
E Design incorporates electronic switch
ES Energy Saver Design
F Class F Insulation
FN Drive has cooling fan
H Class H Insulation
I Reduced HP @ 120 HZ
N Totally Enclosed, Non-Ventilated
NE Exempt from NEMA Premium efficiency requirement
NP Does not meet NEMA PremiumR efficiency
NS Single Shielded Ball Bearings
PW Part Winding Start Capability
Q "Quick Connect" terminal board
RB Roller Bearing on shaft end for belted load only
S Steel Frame Construction
SH Space heaters
SL Sound level exceeds standard
TS Normally Closed Thermostats installed
V Suitable for 10:1 CT 60 minute duty, otherwise 2:1 CT
VB Vibration not met
VC Voltage Change Device feature for quick voltage changes
X XRI, Ultra High Efficiency Design
YD 12 Leads for WYE-DELTA, Part Winding on low voltage, or across-the-line starting
Z 56HZ with 7/8" shaft dia., 3-1/2" shaft height, and slotted 56 frame base

★ Stock model for Marathon and/or MARS. Prices and Specifications are subject to change without notice.

NEMA MG-1 Table 12-11 Full Load Efficiencies of EPAct Efficient Electric Motors

HP	NOMINAL FULL LOAD EFFICIENCY							
	OPEN FRAME				ENCLOSED FRAME			
	2 POLE	4 POLE	6 POLE	8 POLE	2 POLE	4 POLE	6 POLE	8 POLE
1	N/A	82.5	80.0	74.0	75.5	82.5	80.0	74.0
1 1/2	82.5	84.0	84.0	75.5	82.5	84.0	85.5	77.0
2	84.0	84.0	85.5	85.5	84.0	84.0	86.5	82.5
3	84.0	86.5	86.5	86.5	85.5	87.5	87.5	84.0
5	85.5	87.5	87.5	87.5	87.5	87.5	87.5	85.5
7 1/2	87.5	88.5	88.5	88.5	88.5	89.5	89.5	85.5
10	88.5	89.5	90.2	89.5	89.5	89.5	89.5	88.5
15	89.5	91.0	90.2	89.5	90.2	91.0	90.2	88.5
20	90.2	91.0	91.0	90.2	90.2	91.0	90.2	89.5
25	91.0	91.7	91.7	90.2	91.0	92.4	91.7	89.5
30	91.0	92.4	92.4	91.0	91.0	92.4	91.7	91.0
40	91.7	93.0	93.0	91.0	91.7	93.0	93.0	91.0
50	92.4	93.0	93.0	91.7	92.4	93.0	93.0	91.7
60	93.0	93.6	93.6	92.4	93.0	93.6	93.6	91.7
75	93.0	94.1	93.6	93.6	93.0	94.1	93.6	93.0
100	93.0	94.1	94.1	93.6	93.6	94.5	94.1	93.0
125	93.6	94.5	94.1	93.6	94.5	94.5	94.1	93.6
150	93.6	95.0	94.5	93.6	94.5	95.0	95.0	93.6
200	94.5	95.0	94.5	93.6	95.0	95.0	95.0	94.1
250	94.5	95.4	95.4	94.5	95.4	95.0	95.0	94.5
300	95.0	95.4	95.4	N/A	95.4	95.4	95.0	N/A
350	95.0	95.4	95.4	N/A	95.4	95.4	95.0	N/A
400	95.4	95.4	N/A	N/A	95.4	95.4	N/A	N/A
450	95.8	95.8	N/A	N/A	95.4	95.4	N/A	N/A
500	95.8	95.8	N/A	N/A	95.4	95.8	N/A	N/A

NEMA MG-1 Table 12-12 Full Load Efficiencies for 60 Hz NEMA Premium® (CEE)

Efficient Electric Motors Rated 600 Volts or less (Random Wound)

HP	NOMINAL FULL LOAD EFFICIENCY							
	OPEN FRAME				ENCLOSED FRAME			
	2 POLE	4 POLE	6 POLE	8 POLE	2 POLE	4 POLE	6 POLE	8 POLE
1	77.0	85.5	82.5	N/A	77.0	85.5	82.5	N/A
1 1/2	84.0	86.5	86.5	N/A	84.0	86.5	87.5	N/A
2	85.5	86.5	87.5	N/A	85.5	86.5	88.5	N/A
3	85.5	89.5	88.5	N/A	86.5	89.5	89.5	N/A
5	86.5	89.5	89.5	N/A	88.5	89.5	89.5	N/A
7 1/2	88.5	91.0	90.2	N/A	89.5	91.7	91.0	N/A
10	89.5	91.7	91.7	N/A	90.2	91.7	91.0	N/A
15	90.2	93.0	91.7	N/A	91.0	92.4	91.7	N/A
20	91.0	93.0	92.4	N/A	91.0	93.0	91.7	N/A
25	91.7	93.6	93.0	N/A	91.7	93.6	93.0	N/A
30	91.7	94.1	93.6	N/A	91.7	93.6	93.0	N/A
40	92.4	94.1	94.1	N/A	92.4	94.1	94.1	N/A
50	93.0	94.5	94.1	N/A	93.0	94.5	94.1	N/A
60	93.6	95.0	94.5	N/A	93.6	95.0	94.5	N/A
75	93.6	95.0	94.5	N/A	93.6	95.4	94.5	N/A
100	93.6	95.4	95.0	N/A	94.1	95.4	95.0	N/A
125	94.1	95.4	95.0	N/A	95.0	95.4	95.0	N/A
150	94.1	95.8	95.4	N/A	95.0	95.8	95.8	N/A
200	95.0	95.8	95.4	N/A	95.4	96.2	95.8	N/A
250	95.0	95.8	95.4	N/A	95.8	96.2	95.8	N/A
300	95.4	95.8	95.4	N/A	95.8	96.2	95.8	N/A
350	95.4	95.8	95.4	N/A	95.8	96.2	95.8	N/A
400	95.8	95.8	95.8	N/A	95.8	96.2	95.8	N/A
450	95.8	96.2	96.2	N/A	95.8	96.2	95.8	N/A
500	95.8	96.2	96.2	N/A	95.8	96.2	95.8	N/A

Index Mars Number/Model Number

MARS #	Former Cat. #	Model #	Page #
A1000		KIT 180-210 TERM BLK	ME-104
A1001		KIT 250-320 TERM BLK	ME-104
A1002		KIT 360 TERM BLK	ME-104
A1003		KIT 400-445 TERM BLK	ME-104
A103		KIT 103	ME-114
A104		KIT 104	ME-108
A105		KIT 105	ME-110
A106		KIT 106	ME-110
A107		KIT 107-637	ME-107
A109		KIT 109	ME-114
A112		KIT 112	ME-108
A114		KIT 114	ME-108
A116		KIT 116	ME-114
A119		KIT 364-445CB	ME-111
A1209		KIT 250TCFL-R	ME-103
A1287		KIT 280TCDCA	ME-102
A1297		KIT BRK-3 575	ME-50, ME-106
A1298		KIT BRK-6 575	ME-50, ME-106
A1299		KIT BRK-10 575	ME-50, ME-106
A1301		KIT BRK-3 208-230/460	ME-50, ME-106
A1302		KIT BRK-6 208-230/460	ME-50, ME-106
A1303		KIT BRK-10 208-230/460	ME-50, ME-106
A1306		KIT BRK-3 115/230	ME-106
A1307		KIT BRK-6 115/230	ME-106
A157		KIT VRT87BRK	ME-106
A181		KIT 143TCTN-841	ME-104
A182		KIT 180TCFS-841	ME-104
A183		KIT 210TCFS-841	ME-104
A184		KIT 250TCFNA-841	ME-104
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One-On-One™
Direct Replacements

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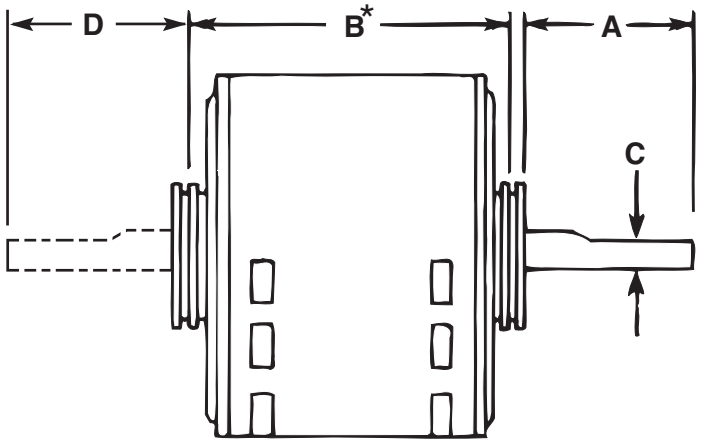
DIMENSIONS



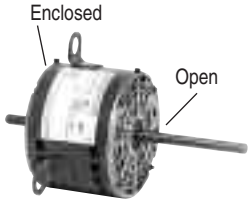
- **Shaft diameter is 1/2 inch on all motors unless otherwise noted.**

* "B" dimension is the center to center of resilient ring dimension or the overall length of the shell and end shields if the motor does not have resilient rings.

20th Century

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
A086	-	86CFM	115	3200/1	CW SE	1.3	-	-	-
Shaded pole									
Replaces: 7021-5853									

Admiral-Emerson



MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
X204	048A17O126	1/3	230	1300/3	CCW OSE	2.5	4.88	4.38	2.12
48Y frame, three lug mount, ball bearings, 4@370V capacitor required (MARS #12004)									
Replaces: FASCO D853 List Price $162, Mult. Symbol F1									

One-On-One™ Direct Replacement Motors

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
Air America Corp.										
	D1028	-	1/8	115	1050/1	CW SE	3.3	2.50	3.50	-
	Shaded pole motor, sleeve bearing									
	Replaces: A0510B2008									
Air Plus										
	A087	-	1/6	115/230	2400/1	CCW SE	2.8/1.1	-	-	-
	PSC, sleeve bearing, 50/60Hz									
	Replaces: 7062-4687, 7062-3496									
Aladdin Steel										
	A120	-	1/40	120	3000/2	CW SE	1.1	-	-	-
	Shaded pole, ball bearing									
	Replaces: 230-1460, 7002-2983									
Amana										
	D1062	-	1/20 - 1/30 -1/40	265	1100/3	CW SE	.4 - .3 - .2	3.50	3.75	-
	PSC, sleeve bearing, 4@370V capacitor required (MARS # 12004)									
	Replaces: Amana C-6397902, Emerson K48HXCNB-1458, 5KCP29FK5258S									
	D1056	-	1/20 - 1/30 -1/40	208 - 230	1100/3	CW SE	.4 - .3 - .2	3.00	3.62	-
	PSC, sleeve bearing, rotation determined by viewing lug end, 4@370V capacitor required (MARS # 12004)									
	Replaces: Amana 900 Unit C61147-5, 5KCP29FK886S									
	D1058	-	1/20 - 1/30 -1/40	265	1100/3	CW SE	.5 - .3 - .2	2.50	3.62	-
	PSC, sleeve bearing, 5@370V capacitor required (MARS # 12005)									
	Replaces: 5KCP29FK885S, C-61147-6									

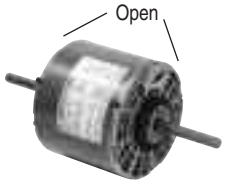
Amana (cont'd)

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
	A129	-	-	115	3250/1	CW SE	1.95	-	-	-
	Shaded pole									
	Replaces: Amana, 7021-9064 7021-9259									
	A158	-	-	115	3450/1	CW SE	0.7	-	-	-
	PSC									
	Replaces: Amana, 7062-3151									
	A160	-	-	115	3000/1	CW SE	1.6	-	-	-
	Shaded pole									
	Replaces: Amana, 7002-2407									
	A180	-	1/30	115	3400/1	CCW SE	1.8	-	-	-
	Shaded pole, ball bearing									
	Replaces: 7021-9625, 20190601									
	A185	-	1/30	115	3125/1	CW SE	1.15	-	-	-
	Shaded pole, sleeve bearing									
	Replaces: 7021-9316, 105854-04									
	A280	-	1/25	115	3000/1	CW SE	1.5	-	-	-
	Shaded pole, sleeve bearing									
	Replaces: 7021-7794, D986868									

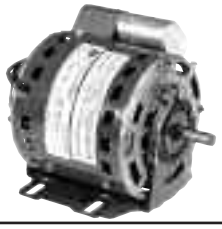
One-On-One™ Direct Replacement Motors

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
Amana (cont'd)										
	A283	-	1/25	115	3000/1	CCW SE	1.5	-	-	-
	Shaded pole, sleeve bearing									
	Replaces: 7021-8730, D9868617									
	A286	-	1/35	208/230	3125/1	CW SE	0.6	-	-	-
	Shaded pole, sleeve bearing									
	Replaces: 7021-9398, 11096904									
	A287	-	1/25	115	3000/1	CW SE	1.15	-	-	-
	Shaded pole, sleeve bearing									
	Replaces: 7021-9655, 10585405									
	A289	-	1/32	208/230	3125/1	CW SE	0.75	-	-	-
	Shaded pole, ball bearing									
	Replaces: 7058-0081, 20351402									

Amana/Rheem/Luxaire/Rooftop Package Unit

	**X231**	048A11O1179	1/2	208-230	1075/2	CCW/CW OSE	4.0	6.50	7.00	6.38
	48Y frame, resilient rings, sleeve bearing, non-stock motor subject to special terms, 7.5@370V capacitor required (MARS No. 12007)									
	Replaces: FASCO D831 List Price $160, Mult. Symbol F1									

American Air Filter

	**03134**	5KCP39KGB909S	1/8	115	700/1	CW OSE	2.0	1.5	6.5	–
	5 1/2 inch diam., open, 3 inch resilient base and capacitor included									
	Replaces: 5KCP36KG246S, 5KCP36KG317S, 5KCP36KG583S and 5KCP38PG200S									

One-On-One™ Direct Replacement Motors

American Air Filter

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D1065	-	1/6	277	1600/1	CCW SE	0.9	2.50	3.33	-

PSC, sleeve bearing, 4@370V capacitor required (MARS No. 12004)

Replaces: ZCAABBWY15141, IWCQ5827, 5KCP29DK3697T

FASCO

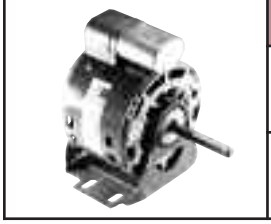
MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D827	-	1/8	115	700/1	CCW SE	2.5	2.00	5.50	-

PSC, ball bearing, 6@370V capacitor required (MARS No. 12006)

Replaces: 7-150444-02

FASCO

American Standard



MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
03114	5KCP39HG7728S	1/3	230	1075/1	CCW OSE	3.3	3.3	5.2	–

5 1/2 inch diam., open, 3 1/2 inch resilient base and capacitor included

Replaces: 5KCP39HG3692S

GE Commercial Motors
By Regal-Beloit

American Water Heater

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
W1	-	1/25	115	3210/1	CCW SE	1.9	-	-	-

Shaded pole, sleeve bearing, water heater draft inducer

Replaces: 7021-10060, 3000288

FASCO

AO Smith

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
W2	-	1/14	115	3275/1	CW SE	2.3	-	-	-

Shaded pole, ball bearing, water heater draft inducer

Replaces: 7021-10770, 183505-000

FASCO

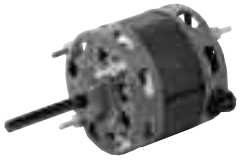
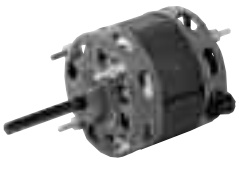
MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
W4	-	1/20	115	3400/1	CCW SE	1.8	-	-	-

Shaded pole, sleeve bearing, water heater draft inducer

Replaces: 7021-10910, 183381-000

FASCO

One-On-One™ Direct Replacement Motors

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
Aprilaire										
	D1110	-	1/55	115	1300/1	CW SE	0.7	1.88	3.62	-
	Shaded pole, ball bearing, 1/4 inch dia. shaft									
	Replaces: 7163-8633, 10002351									
	D1114	-	1/11	115	1250/1	CW SE	0.5	3.12	2.50	-
	Shaded pole, sleeve bearing, 1/4 inch dia shaft									
	Replaces: 7163-7448, 33110076									
Arkla										
	D795	-	1/3	115	825/1	REV	6.1	6.00	5.75	-
	PSC, ball bearing									
	Replaces: Gas Heat Pump K55HXSFN8042									
Armstrong										
	A155	-	-	115	3000/1	-	1.4	-	-	-
	Shaded pole									
	Replaces: 7021-10046									
Bohn										
	**09930**	-	1/20	115	1550/1	CW SE	2.0	3.0	3.0	–
	3.3 inch diam., open, 5/16 inch shaft, shaded pole with Lyall plug									
	Replaces: AO Smith AO1124; Bohn 5KSM59JSK143; 5034LS; 5008SS; Fasco D1124; Magnetek 572									
	**09931**	-	1/15	230	1550/1	CW SE	1.1	3.0	3.5	–
	3.3 inch diam., open, 5/16 inch shaft, shaded pole with Lyall plug									
	Replaces: AO Smith AO1126; Bohn 5KSM59S262AS; 5034MS; 5008TS; Fasco D1126; Magnetek 573									

Bohn (cont'd)

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D1124	-	1/20	115	1550/1	CW SE	2.1	3.00	3.00	-

Shaded pole, sleeve bearing, 5/16 inch dia. shaft, shell turbo 68, special low temp. oil (-40°F)

Replaces: 5KSM59JSK143S & 5KSM59JS5036S

FASCO

D1126	-	1/15	230	1550/1	CCW SE	1.1	3.00	3.50	

Shaded pole, sleeve bearing, shell turbo 68, special low temp. oil (-40°F), 5/16 inch dia. Shaft

Replaces: 5KSM59LS2262AS

FASCO

D1125	-	1/12	208 - 230	1550/1	CW SE	0.4	2.62	3.75	-

PSC, sleeve bearing, 4@370V capacitor included, bolt circle = 3.15", 5/16 inch dia. Shaft

Replaces: 7190-0442

FASCO

Bradford White

W5	-	1/14	115	3275/1	CW SE	2.5	-	-	-

Shaded pole, ball bearing, water heater draft inducer

Replaces: 7021-10712, 239-42133-00B

FASCO

W6	-	1/15	115	3000/1	CCW SE	2.2	-	-	-

Shaded pole, sleeve bearing, water heater draft inducer

Replaces: 239-4061 4-00C, 7021-9764

FASCO

Broan

K610	-	1/60	115	3000/2	CCW SE	.88 - .68	1.30	-	-

Shaded pole, sleeve bearing, 5/23 inch dia. Shaft

Replaces: Motor 30080011
Model Y2-52000

FASCO

One-On-One™ Direct Replacement Motors

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
Broan (con't)										
	K612	-	1/65	115	3000/1	CCW SE	0.8	2.70	-	-
	Shaded pole, sleeve bearing, 1/4 inch dia shaft									
	Replaces: Model 162 (Before 1980)									
	K611	-	1/100	115	3000/1	CCW SE	0.67	2.45	-	-
	Shaded pole, sleeve bearing, 1/4 inch dia shaft									
	Replaces: Model 162 (After 1980)									
	D1087	-	1/12	115	1050/1	CW SE	2.9	2.33	2.62	-
	Shaded pole, sleeve bearing									
	Replaces: 99-08-0178, 7151-3160									
	K110	-	1/75	115	3000/1	CCW SE	0.9	2.37	-	-
	Shaded pole, sleeve bearing, 5/23 inch dia. shaft									
	Replaces: 99-08-0165, 670A									
Bryant/Payne										
	D847	-	1/8	208 - 230	1125/1	CCW SE	0.9	3.50	3.75	-
	PSC, sleeve bearing									
	Replaces: K1543, HC35VE-230, KA55CGD-9658									
Buck Stove										
	D1138	-	1/50 - 1/80 - 1/140	115	1500/3	CW SE	.9 - .6 - .5	2.50	4.00	-
	Shaded pole, sleeve bearing, 5/16 inch dia. shaft									
	Replaces: R22CCW270ZD, 7163-6045									

One-On-One™ Direct Replacement Motors

Buck Stove

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D1139	-	1/50 - 1/80 - 1/125	115	1500/3	CW SE	0.88	2.50	2.81	1.12

Shaded pole, sleeve bearing, 5/16 inch dia. shaft

Replaces: R22CW206MD

FASCO

Butler Ventilator

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D1066	-	1/10	115	1050/1	CW SE	3.6	2.75	3.88	-

Shaded pole, sleeve bearing

Replaces: 846PY4V, 2414

FASCO

Camco

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D1119	-	1/90	240	1500/1	CCW SE	0.34	1.50	2.25	-

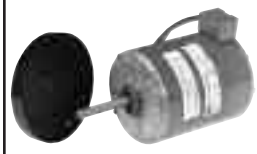
Shaded pole, sleeve bearing, 1/4 inch dia. shaft

Replaces: Universal JBIP04410V, Electrohome 2868-405-173, Rotom R302

FASCO

Carrier

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
03132	5KCP39PGC138AS	1/2	208-230	1075/1	CCW OSE	4.0	3.5	7.6	–



5 1/2 inch diam., shaft end enclosed, band mount, ball bearings, 7.5 MFD @ 370V capacitor required (MARS No. 12007)

Replaces: 5KCP37PG190S, 5KCP37PG361S; Carrier HC445L230, HC445L230; Fasco D804, Universal 655

GE Commercial Motors By Regal-Beloit

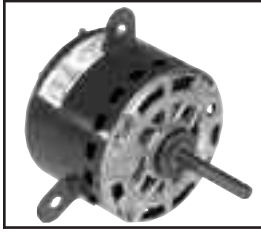
MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
03158	5KCP39FGP028S	1/4	230	1075/1	CCW OSE	2.1	2.75	4.5	–

5 1/2 inch diam., open, band mount, 5 MFD @ 370V capacitor required (MARS No. 12005), sleeve bearing

Replaces: 5KCP39FGG262S

GE Commercial Motors By Regal-Beloit

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
03159	5KCP39HGP029S	1/3	208-230	1075/2	CCW OSE	2.3	3.0	5.1	–

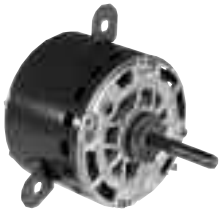
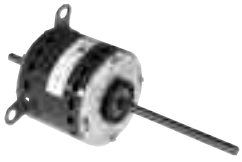


5 1/2 inch diam., open, lug mount, 5 MFD @ 370V capacitor required (MARS No. 12005)

Replaces: 5KCP39HG9866S

GE Commercial Motors By Regal-Beloit

One-On-One™ Direct Replacement Motors

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
Carrier (con't)										
	03161	5KCP39HGP030S	1/3	208-230	1075/1	CCW OSE	2.8	3.0	5.1	–
	5 1/2 inch diam., shaft end enclosed, band mount, ball bearings, 7.5 MFD @ 370V capacitor required (MARS No. 12007)									
	Replaces: 5KCP39HG9866S									
	03166	5KCP39MGP041S	1/2	208-230	1075/3	CCW OSE	2.9	7.0	5.6	2.8
	5 1/2 inch diam., partially enclosed, lug mount, one 21/2 inch resilient ring, 7.5 MFD @ 440V capacitor required (MARS No. 12031)									
	Replaces: 5KCP37PG190S, 5KCP37PG361S; Carrier HC445L230, HC445L230; Fasco D804, Universal 655									
	03231	5KCP39BGY915S	1/10	208-230	1100/1	CCW OSE	0.75	1.50	3.73	–
	5 1/2 inch diam., condenser fan motor, 5 MFD @ 370V capacitor required (MARS No. 12005)									
	Replaces: 5KCP39BGS069S									
	03232	5KCP39BGY916S	1/15	208-230	800/1	CCW OSE	0.55	1.50	3.73	–
	5 1/2 inch diam., condenser fan motor, 5 MFD @ 370V capacitor required (MARS No. 12005)									
	Replaces: 5KCP39BGV573AS									
	03233	5KCP39BGY917S	1/5	208-230	825/1	CCW OSE	0.95	1.50	4.48	–
	5 1/2 inch diam., condenser fan motor, 7.5 MFD @ 370V capacitor required (MARS No. 12007)									
	Replaces: 5KCP39GFS166S									
	03288	5KCP39SGU073S	1/2	200-230/ 460	1075/1	CCW OSE	4.6/2.3	2.92	7.31	–
	5 1/2 inch diam., open, lug mount, 7.5 MFD @ 370V capacitor required (MARS No. 12007)									
	Replaces: 5KCP39SGL288S									

GE Commercial Motors By Regal-Beloit

One-On-One™ Direct Replacement Motors

Carrier (con't)

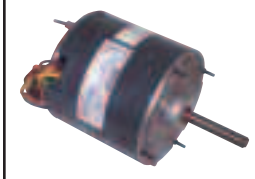
MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
03740*	5KCP49ZN9617T	1	200-230/ 460	1075/1	REV	6.8/3.4	6.0	9.2	–

6 1/2 inch diam., open shell, closed enshields ball bearing, 25 MFD @ 370V capacitor required (MARS No. 12015), 5/8" shaft dia., 56 frame

Replaces: GE 5KCP49UG1007S; 5KCP49UG1027S; 5KCP49UG1028S, 5KCP49ZG171S, 5KCP49ZG189S, 5KCP49ZG190S, 5KCP49ZG24S, P190

GE Commercial Motors By Regal-Beloit

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
03901	5KCP39PGU719S	1/2	460	1050	REV	.90	2.92	5.48	.50



5 1/2 inch diameter condenser fan motor, ball bearing, 10 MFD @370V required capacitor (MARS No. 12008), thru bolt mount

Replaces: AO Smith FEH 1056S

GE Commercial Motors By Regal-Beloit

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
03902	5KCP39NGY813S	3/4	115	1075/4	REV	6.8/3.4	6.0	9.2	–

5 1/2 inch diam., direct drive blower motor, sleeve bearing, 7.5 MFD @370V capacitor required (MARS No. 12007), cushion ring mount

Replaces: Emerson 3340

GE Commercial Motors By Regal-Beloit

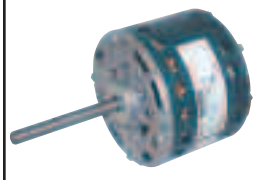
MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
03905	5KCP39EGY823S	1/4	208-230	1100/1	CW OSE	1.40	1.50	4.45	–

5 1/2 inch diam., condenser fan motor, 5 MFD @ 370V capacitor required (MARS No. 12005) , sleeve bearing, band mounting

Replaces: HC39GE237A, 5KCP39EGS070S

GE Commercial Motors By Regal-Beloit

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
03906	5KCP39GGY822S	1/3	115	1075/4	CCW OSE	5.20	4.25	5.13	–

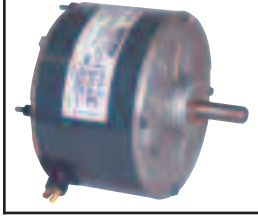


5 1/2 inch diam., condenser fan motor, 7.5 MFD @ 370V capacitor required (MARS No. 12007)

Replaces: HC41AE117A, 5KCP39GGS336S

GE Commercial Motors By Regal-Beloit

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
03907	5KCP39BGY824S	1/10	208-230	1100/1	CW OSE	0.75	1.50	4.21	–



5 1/2 inch diam., furnace blower, 5 MFD @370V cap required (MARS No. 12005), sleeve bearing, band mounting

Replaces: HC33GE233A, 5KCP39BGS069S

GE Commercial Motors By Regal-Beloit

**** Limited quantities available while supplies last.***

One-On-One™ Direct Replacement Motors

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
Carrier (con't)									
03908	5KCP39BGY825S	1/12	208-230	1100/1	CW OSE	0.50	1.5	4.21	–
5 1/2 inch diam., condenser, 5 MFD @370V cap required (MARS No. 12005), sleeve bearing, thru bolts, mounting									
Replaces: HC31GE232A, 5KCP39BGS162S									
03909	5KCP39GGY826S	1/3	208-230	1100/2	CW OSE	2.00	3.0	5.13	–
5 1/2 inch diam., air handler, 7.5 MFD @370V cap required (MARS No. 12007), sleeve bearing, thru bolts mounting									
Replaces: HC41AE235, 5KCP39GGT773S									
03910	5KCP39FGY827S	1/4	208-230	1075/3	CCW OSE	1.80	3.0	4.88	–
5 1/2 inch diam., furnace blower, 7.5 MFD @370V capacitor required (MARS No. 12007), sleeve bearing,thru bolts mounting									
Replaces: HC39AE206A, 5KCP39FGS075S									
03923	5KCP39LGY844S	1/3	230	1075/2	CW OSE	2.60	3.00	5.25	–
5 1/2 inch diam., furnace blower, 5 MFD @370V capacitor required (MARS No. 12007), sleeve bearing, thru bolts mounting									
Replaces: Marathon X222, 48A1101109									
03925	5KCP39SGU734S	1/2	208-230/ 460	1075/1	REV	3.6/1.8	4.00	7.82	–
48Y frame, three lug mount, open air over, ball bearings, 7.5@370V capacitor required (MARS No. 12007)									
Replaces: Marathon X405, 48A1101744									
10822*	10822	1/5	115	1050/4	CCW OSE	7.8	4.55	4.66	–
5 inch diam., open, round frame mounting, molex plug									
Replaces: Carrier HC37MA138, HC37MA134; BDP/DNP 05-1049, 05-1051, 05-1053; A.O. Smith 326P157, OCB6427									

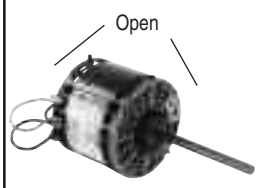
GE Commercial Motors By Regal-Beloit

**** Limited quantities available while supplies last.***

One-On-One™ Direct Replacement Motors

Carrier (con't)

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
X236	048A11O699	1/3	115	1075/4	REV	6.4	6.00	4.75	-

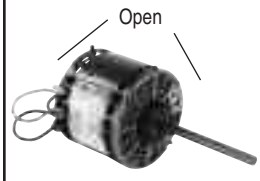


48Y frame, resilient rings, resilient ring/belly band mount, ball bearings, 5@370V capacitor required (MARS #12005)

Replaces: Carrier HC41SE117, P251-2306, P251-2307
List Price $161, Mult. Symbol F1

marathon electric

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
X237	048A11O694	1/3	208-230	1075/4	REV	4.8	6.00	5.25	-

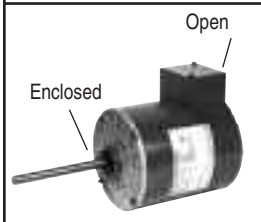


48Y frame, round, resilient ring/belly band mount, ball bearings, 10@440V capacitor required (MARS #12032), non-stock motor subject to special terms

Replaces: Carrier HC41SE651, HC39SE651, P251-5306, P251-4508
List Price $164, Mult. Symbol F1

marathon electric

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
X203	048A11O1062	1/2	208-230	1075	REV	5.3	5.50	6.50	-

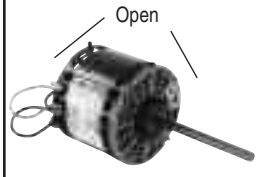


48Y frame, resilient ring/belly band mount, ball bearings

Replaces: Carrier HC44AL230, FASCO D804, Magnetek 655
List Price $201, Mult. Symbol F1

marathon electric

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
X241	048A11O697	3/4	208-230	1075/4	REV	5.4	6.00	5.50	-

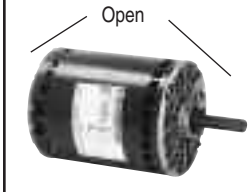


48 frame, open air over, round belly band, ball bearings, 10@440V capacitor required (MARS No. 12032)

Replaces: Carrier HC45SE651 & P251-5701
List Price $207, Mult. Symbol F1

marathon electric

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
X242	048A11O756	1	208-230	1000/3	REV	6.2	4.00	7.25	-

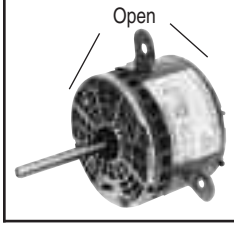


48YZ frame, open air over, belly band mount, ball bearings, does not include resilient rings, rated 50/60HZ, 190/380 or 380V at next lower HP, 5/8" shaft dia., 25@370V capacitor required (MARS No. 12015)

Replaces: Carrier HC52AL230, HC52AL231, HC52AL232, HC52SE208, P251-5101, P251-5102
List Price $351, Mult. Symbol F1

marathon electric

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
X223	048A11O2050	1/5	230	1075/1	CCW OSE	1.3	2.75	3.75	-



48Y frame, three lug mount, open air over, ball bearings, 4@370V capacitor required (MARS No. 12004), non-stock motor subject to special terms

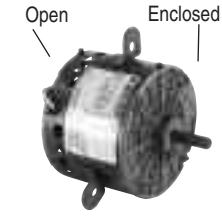
Replaces: Carrier HC37VE230, FASCO D842
List Price $136, Mult. Symbol F1

marathon electric

One-On-One™ Direct Replacement Motors

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C

Carrier (con't)

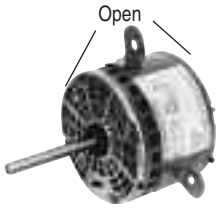


X273	048A17O161	1/4	230	1625/1	CCW OSE	1.5	1.62	4.25	-

48Y frame, three lug mount, open air over, ball bearings, 4@370V capacitor required (MARS No. 12004), non-stock motor subject to special terms

Replaces: Carrier HC37ME268, FASCO D844, AOS OCA1024, Magnetek 624
List Price $127, Mult. Symbol F1

marathon electric

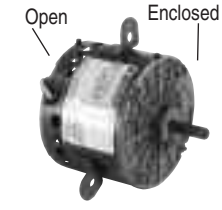


X210	048A11O1068	1/4	208-230	1075/2	REV	2.2	4.25	4.12	-

48Y frame, three lug mount, open air over, ball bearings, 5@370V capacitor required (MARS No. 12005)

Replaces: Emerson 3303, FASCO D843, Magnetek 514, AOS OCB1026
List Price $136, Mult. Symbol F1

marathon electric

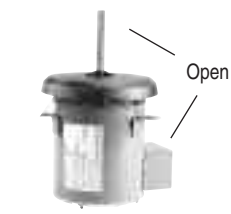


X222	048A11O1109	1/3	230	1075/2	REV	2.6	3.00	4.75	-

48Y frame, three lug mount, open air over, ball bearings, 7.5@370V capacitor required (MARS No. 12007)

Replaces: Carrier HC41VE700, HC41VE701, Emerson 3225, Magnetek 536, AOS OCB1036
List Price $169, Mult. Symbol F1

marathon electric



X405	048A11O1744	1/2	208-230/460	1075/1	REV	3.6/1.8	4.00	6.88	-

48Y frame, open air over, three lug mount, ball bearings, double shaft extension 1 1/2" long by 1/2" dia. with flat each end, 7.5@440V capacitor required (MARS No. 12031)

Replaces: AOS OCA1056
List Price $220, Mult. Symbol F1

marathon electric

X235	056T11D5209	1	200-230/460	1140/1	REV	6.6-6.0/3.0	2.88	10.50	-

56Y frame, three phase, open air over, belly band mount, footless, ball bearings, 70°C ambient, 5/8" shaft dia.

Replaces: Carrier HD52VE214, Marathon 56T11D33
List Price $436, Mult. Symbol F1

marathon electric

X251	056T34D5364	5	208-230/460	3600/1	–	13.5-12.4/6.2	2.25	13.49	-

56HZ frame, three phase, rigid mount, open air over, ball bearings, 7/8" shaft dia., 3 1/2" shaft height and slotted 56 frame base

Replaces: Carrier HD60AZ660, Marathon 56T34D903
List Price $608, Mult. Symbol F1

marathon electric

Carrier (con't)

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D455	-	1/30	115 / 230	3000/1	CCW SE	1.3 - .7	3.88	5.88	-
Shaded pole, ball bearing, includes shaft bushing, 1/4 inch dia. shaft									
Replaces: Draft Booster/Flue Exhaust Switch Motors									
D456	-	1/15	115 / 230	3000/1	CW SE	2.0-1.0	2.75	6.50	-
Shaded pole, ball bearing, includes shaft bushing, 1/4 inch dia. shaft									
Replaces: Draft Booster/Flue Exhaust Switch Motors									
D457	-	1/15	115 / 230	3000/1	CCW SE	2.0-1.0	2.75	6.50	-
Shaded pole, ball bearing, includes shaft bushing, 1/4 inch dia. shaft									
Replaces: Draft Booster/Flue Exhaust Switch Motors									
D458	-	1/15	208 - 230	3000/1	CW SE	1.0	2.75	6.50	-
Shaded pole, ball bearing, includes shaft bushing, 1/4 inch dia. shaft									
Replaces: Draft Booster/Flue Exhaust Switch Motors									
D1174	-	1/15	460	3000/1	CW SE	0.6	2.50	6.75	-
Shaded pole, ball bearing, does not have shaft bushine, 1/4 inch dia. shaft									
Replaces: Carrier HC34AU725A, Universal JB1P044NV, HC24AU725									
D1178	-	40193	208 - 230	3450/1	CW SE	0.5	2.75	6.75	-
PSC, ball bearing, 1/4 inch dia. shaft									
Replaces: Carrier HC680001, Fasco 7162-3829									

One-On-One™ Direct Replacement Motors

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
Carrier (con't)										
	D864	-	1/6 - 1/8 - 1/10	208 - 230	1040/3	CW SE	1.3 - 1.2 - 1.1	7.25	3.75	2.13
	PSC, sleeve bearing, rotation determined by viewing lug end, 3@370V capacitor required (MARS # 12003)									
	Replaces: 124279, 128560, 124276, 7126-0103, 7126-0043									
	D842	-	40183	230	1075/1	CW SE	1.3	3.25	3.75	-
	PSC, sleeve bearing, 4@370V capacitor required (MARS No. 12004)									
	Replaces: HC37VE230 Cond. Round unit									
	D848	-	1/5 - 1/6 - 1/8	265 - 277	1040/3	CW SE	1.1 - .8 - .7	7.00	3.50	3.00
	PSC, sleeve bearing, rotation determined by viewing lug end, 3@370V capacitor required (MARS No. 12003)									
	Replaces: 51PH124275, HC37MB-730									
	D458	-	1/15	208 - 230	3000/1	CW SE	1.0	2.75	6.50	-
	Shaded pole, ball bearing, includes shaft bushing, 1/4 inch dia. shaft									
	Replaces: Draft Booster/Flue Exhaust Switch Motors									
	D463	-	1/30	208 - 230	3000/1	CW SE	0.7	2.50	3.88	-
	Shaded pole, ball bearing, 5/16 inch dia. shaft									
	Replaces: HC24HE230									
	D1182	-	1/16	208 - 230	3450/1	CCW SE	0.6	3.33	4.50	-
	PSC, sleeve bearing, hall effect sensor, 5/16 inch dia. shaft									
	Replaces: 7162-3367, HC30GB230B, K33HXCCP-915, HC30GB230									

Carrier (con't)

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D459	-	1/15	230 / 460	3000/1	CW SE	1.2 - .6	3.00	7.00	-

Shaded pole, ball bearing, 1/4 inch dia. shaft

Replaces: HC24AU725A, JB1P044, AB1S078, JB1R039, AB1S029, S88-556

FASCO

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D844	-	1/4	230	1625/1	CW SE	1.5	3.00	3.50	-

PSC, sleeve bearing, 4@370V capacitor required (MARS No. 12004)

Replaces: HC37ME268
5KCP39BG7524S

FASCO

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D843	-	1/4 - 1/5	208 - 230	1075/1	REV	2.2 - 2	4.25	4.00	-

PSC, sleeve bearing, 5@440V capacitor required (MARS No. 12029)

Replaces: F48SG6MA10, F48SG6MA16, F48SG6MA28, F48SG6MA37
F48SJ6MA28, HC37MZ220, HC39VE608, HC39ML706, HC39ME720

FASCO

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D802	-	1/2	460	1050/1	REV	0.9	3.33	5.50	-

PSC, ball bearing, 10@370V capacitor required (MARS No. 12008)

Replaces: Carrier HC44VL463A, AO Smith FEH1056S, GE 5KCP39PGH600CS

FASCO

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
S2846	-	1/2	230 / 460	1075/1	REV	3.9 - 2	5.38	6.50	-

PSC, ball bearing, 7.5@440V capacitor required (MARS No. 12031)

Replaces: Canopy Type
Outdoor Condenser Fan Motor

FASCO

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D838	-	3/4 - 1/2 - 1/3 - 1/4	115	1075/4	REV	11.2 - 9.7 - 7.5 - 6.4	6.50	5.25	-

PSC, ball bearing, 20@370V capacitor required (MARS No. 12014)

Replaces: HC45SE116, SC435X101, HC43SE116

FASCO

One-On-One™ Direct Replacement Motors

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C

Carrier (con't)

S2848	-	40241	230 / 460	1075/1	REV	4.7 - 2.4	6.00	7.75	-

PSC, ball bearing, 20@370V capacitor required (MARS # 12014)

Replaces: Canopy Type
Outdoor Condenser Fan Motor

FASCO

Carrier/Bryant

D803	-	1/3 - 1/4	230	1075/2	REV	2.6 - 2.2	3.50	4.50	-

PSC, sleeve bearing

Replaces: K55HXLKK-5918
HC41VB701

FASCO

D1179	-	1/30	115	3000/1	CW SE	1.5	2.00	3.50	-

Shaded pole, sleeve bearing, 5/16 inch dia. shaft

Replaces: BDP P251-2916
FRANKLIN 8251510360

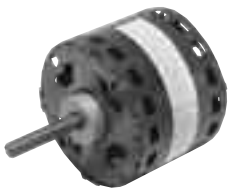
FASCO

D1180	-	1/20	115	3300/1	CW SE	1.9	2.12	3.62	-

Shaded pole, sleeve bearing, 5/16 inch dia. Shaft

Replaces: Carrier HC27UE120, BDP 398A, BDP P251-2307
U.E. JAIP053N, UE Stock 580

FASCO

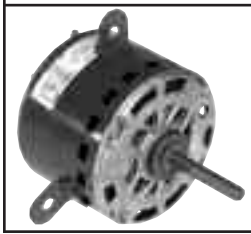


02980*	5KSP29HK1888S	1/8	120	1050/4	CCW OSE	6.3	2.5	3.75	–

5 inch diam., open, strap mount, shaded pole

REPLACES: 5KSP29HK1226S

GE Commercial Motors
By Regal-Beloit



03066	5KCP39JGJ997T	1/3	230	1075/2	REV	3.1	3.0	5.6	–

5-1/2 inch diam., shaft end enclosed, lug mount, 5 MFD @ 370V capacitor required (MARS No. 12005), reversible

REPLACES: 5KCP39KGB703S; GE Stock No. 3066

GE Commercial Motors
By Regal-Beloit

Limited quantities available while supplies last.

One-On-One™ Direct Replacement Motors

Carrier/Whirlpool

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D1176	-	1/15 - 1/25	115	1550/2	DS	1 - .8	4.88	4.00	4.88

PSC, sleeve bearing, 3/8 inch dia. Shaft, 4@370V capacitor required (MARS # 12004)

Replaces: 130096, 202466

FASCO

Champion Cooler

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D1069	-	1/10 - 1/15	115	1040/2	DS	3.5 - 2.2	3.00	2.62	3.00

Shaded pole, sleeve bearing, 3/8 inch dia. shaft, 4@370V capacitor required (MARS # 12004)

Replaces: 7151-2925, 7151-0109, MP2500

FASCO

Chromalox

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D1118	-	1/30	240	1500/1	CW SE	0.6	3.50	2.81	-

Shaded pole, ball bearing, 5/16 inch dia. shaft

Replaces: 2868-811-005B, 2868-505-016, 2686-511-027A

FASCO

Chrysler Airtemp

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D1022	-	1/5 - 1/6 - 1/8	208 - 230	1100/3	CW SE	1.6 - 1.1 - 1	2.38	3.88	2.75

PSC, sleeve bearing, rotation determined by viewing lug end

Replaces: 3704387, 2874493, 2874495

FASCO

Coleman

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
A088	-	88CFM	115	3200/1	CW SE	1.3	-	-	-

Shaded pole

Replaces: 7021-5478

FASCO

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D178	-	1/8 - 1/11	115	1050/2	CW SE	4.5 - 3.4	4.00	3.25	-

Shaded pole, sleeve bearing

Replaces: Blower Motor

FASCO

One-On-One™ Direct Replacement Motors

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C

Coleman (con't)

D408	-	1/150	115	3000/1	CW SE	0.5	1.50	5.50	-

Shaded pole, sleeve bearing, 1/4 inch dia. shaft

Replaces: 7995-316, 7121-5906

FASCO

Consolidated Industries

A128	-	-	115	3000/1	CW SE	0.9	-	-	-

Shaded pole

Replaces: 7021-6376, 7021-9404

FASCO

Copeland

00353	ESP-L35EM2	35W	230	1500/1	CW OSE	.70	.50	3.50	–

3 7/8 inch diam., cast iron unit bearing motor, end or side pad mounting, horizontal operation, 1/4" threaded shaft

Replaces: Copeland 050-0227-02; ESP-L35EMV2, ESP-L35E22; Gem EM-33502

00503	ESP-OL50EM2	50W	230	1500/1	CW OSE	.85	1.50	4.50	–

3 7/8 inch diam., cast iron unit bearing motor, end or side pad mounting, horizontal operation, 3/8" dia, flatted shaft

Replaces: Copeland 050-0011-00, 050-0237-00, 050-0244-00, use 00513 for 2080 units

03005	5KCP39PGC092S	1/3	230	825/1	CW OSE	2.4	3.5	6.1	–

5 1/2 inch diam., shell enclosed, band mount, ball bearing, 12.5 MFD @ 370V capacitor required (MARS No. 12009)

Replaces: HC41AE117A, 5KCP39GGS336S

GE Commercial Motors By Regal-Beloit

03047	5KCP39GGD320S	1/4	230	1625/1	CW OSE	1.5	2.5	5.1	–

5 1/2 inch diam., shell enclosed band mount, 5 MFD @ 370V capacitor required (MARS No. 12005)

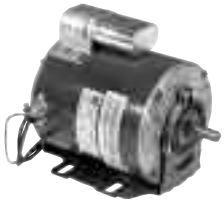
Replaces: 5KCP39GG3537S, Copeland 050-0107-01 and 050-0238-00

GE Commercial Motors By Regal-Beloit

One-On-One™ Direct Replacement Motors

Copeland (con't)

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
03124	5KCP39KGB906AS	1/3	230	1625/1	CW OSE	3.2	1.5	7.5	–



5 1/2 inch diam., enclosed, 3 inch resilient base and capacitor included

Replaces: 5KCP32KG175S and 5KCP32KG259S

GE Commercial Motors By Regal-Beloit

04311	5KH39QN5529X	1/3	230	1725/1	REV	3.2	1.5	6.8	–

5-1/2 inch diam., open, 3 inch resilient base included, split phase

Replaces: Copeland 050-0020-00 (5KH35KG709X) and 050-0098-00 (5KH35KG356X)

GE Commercial Motors By Regal-Beloit

D783	-	1/4	208 - 230	1625/1	REV	1.5	6.00	4.00	-

PSC, sleeve bearing

Replaces: 3047, 050-0238-00

FASCO

Cornelius

00401	ESP-LI5EMJR1	15W	115	1500/1	CCW OSE	.60	5.00	3.17	–

3 7/8 inch diam., cast iron unit bearing motor, 5/16 " shaft with 1/4-20 threaded end includes 11 No. 8-36 motor bearing screws, end or side pad mounting, 13.75 inches external lead length with EMP plug or equivalent

Replaces: 18-7036, 18-7388, 18-9840; Rotom R4119; Scotsman 12-1563-1

00402	ESP-L15EMJR1B1	15W	115	1500/1	CCW OSE	.60	7.00	3.17	–

3 7/8 inch diam., cast iron unit bearing motor, 5/16" shaft with 1/4 - 20 threaded end 11 No. 8-36 mounting screws, end or side pad mounting,13 inches external lead length with two 1/4" quick connects

REPLACES: Marathon X222, 48A1101109

00403	ESP-L15EMJR1B2	15W	115	1500/1	CCW OSE	.60	5.00	3.17	–

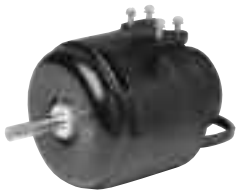
3 7/8 inch diam., cast iron unit bearing motor, 5/16 " shaft with 1 inch x .270 flat, includes 11 No. 8-36 motor mounting screws, end or side pad mounting, 12 inches external lead length with two #8 ring terminals

Replaces: Alco 25246, Lancer 91-0006, Wilshire 25246, 83703

One-On-One™ Direct Replacement Motors

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C

Cornelius (con't)



00508	ESP-OL50EM1B1	50W	115	1500/1	CW OSE	1.70	2.89	4.5	–

3 7/8 inch diam., cast iron unit bearing motor, end or side pad mounting evaporator fan motor .312 shaft dia., 2 female spade terminals at end of each wire

Replaces: Rotom 6206

X290	048S11D58	1/6	230	1140/1	REV	1.9	1.50	6.88	-

48Y frame, split phase, open air over, resilient ring mount, sleeve bearings

Replaces: "Beater" motor for the Cornelius "Slurpee" Machine
List Price $144, Mult. Symbol F1

Duotherm

D1080	-	1/6	115	1050/1	CW SE	7.9	4.00	4.50	-

Shaded pole, sleeve bearing

Replaces: 3-14826; 100,000 BTU Furnaces

D1081	-	1/6 - 1/8 - 1/10	115	1625/3	REV	2.4 - 1.9 - 1.5	3.50	4.88	3.62

PSC, sleeve bearing, 10@370V capacitor required (MARS No. 12008)

Replaces: 3-9650; 12,000 - 13,000 BTU's, 5KCP29MG40115, 8743810260, 3-18440

D1001	-	1/15	115	1000/1	CW SE	3.2	3.25	2.33	-

Shaded pole, sleeve bearing, 3/8 inch dia. shaft

Replaces: 3-9930

Economite/Mid-Continent Gas Burner

D1151	-	1/40	115	1500/1	CCW SE	1.2	3.25	2.75	-

Shaded pole, sleeve bearing, 5/16 inch dia. shaft

Replaces: AA2P026N

One-On-One™ Direct Replacement Motors

Emerson/Quiet Cool

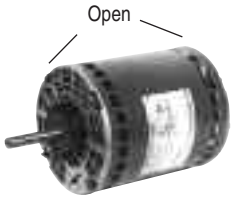
MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D1033	-	1/5 - 1/6 - 1/8	208 - 230	1400/3	DS	1.6 - 1.5 - 1.3	2.75	3.75	3.50

PSC, sleeve bearing

Replaces: Quiet Cool

FASCO

Evans/Armstrong/LSI Home



MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
X211	048A17O125	1	208-230	1625/2	REV	6.2	2.50	6.25	-

48Y frame, open air over, resilient ring thru-bolt mount, ball bearings, 10@370V capacitor required (MARS No.12008)

Replaces: FASCO D825, GE 5KCP35G644S
List Price $231, Mult. Symbol F1

marathon electric

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D825	-	1-3/4	230	1625/2	REV	6.2 - 5.6	3.00	6.75	-

PSC, sleeve bearing, 10@370V capacitor required (MARS No. 12008)

Replaces: 5KCP35SG6445

marathon electric

Evcon

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
K629	-	1/85	115	2950/1	CW SE	0.67	1.12	-	-

Shaded pole, sleeve bearing, 1/4 inch dia. shaft

Replaces: 7102-2187

FASCO

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
A156	-	-	115	3000/1	CW SE	1.4	-	-	-

Shaded pole

Replaces: Evcon, 7021-8935

FASCO

Excel Comfort

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
A100	-	1/45	115	3000/1	CW SE	1.5	-	-	-

Shaded pole, ball bearing

Replaces: 7058-0280, 20093603/B

FASCO

One-On-One™ Direct Replacement Motors

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
FASCO										
	K102	-	1/200	115	3000/1	CW SE	.64	1.50	-	-
	Shaded pole, sleeve bearing, .181 inch dia. shaft									
	Replaces: Model 2435									
	K100	-	1/100	115	3000/1	CW SE	0.7	1.11	-	-
	Shaded pole, sleeve bearing, .181 inch dia. shaft									
	Replaces: 0648-0027 Ventilator									
	K101	-	1/150	230	3000/1	CCW SE	.58	1.34	-	-
	Shaded pole, sleeve bearing, .217 inch dia. shaft									
	Replaces: Model 2540; 7102-0001 Motor									
	D1159	-	1/130	115	1500/1	CCW SE	.45	1.12	2.12	-
	Shaded pole, sleeve bearing, 5/16 inch dia. shaft									
	Replaces: 7163-1845, VENT 656, VENT 293A, VENT PV7896									
	D1160	-	1/110	115	1480/1	CW SE	.58	1.50	2.12	-
	Shaded pole, sleeve bearing, 5/16 inch dia. Shaft									
	Replaces: 7163-2593, 663, 668, 763, 768, 661									
	D1162	-	1/100	115	1500/1	REV	0.6	1.00	3.50	-
	Shaded pole, sleeve bearing, 5/16 inch dia. shaft									
	Replaces: 7163-8909, 7163-1541, Model 659 Vent									

One-On-One™ Direct Replacement Motors

FASCO (con't)

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D1161	-	1/15 - 1/25	115	1500/1	CCW SE	2.9 - 1.9	2.00	4.25	-

Shaded pole, sleeve bearing, 5/16 inch dia. shaft

Replaces: Several Blower Applications

D824	-	1/4 - 1/8	115	1100/2	REV	3.2 - 2.4	3.50	5.75	-

PSC, ball bearing, 4@370V capacitor required (MARS No. 12004)

Replaces: Pedestal fan 7126-0485, 7126-0922, 7126-2594, 7126-0936

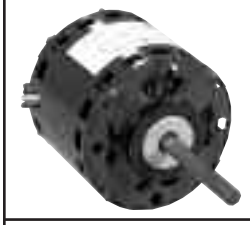
D820	-	1/3 - 1/4	120	1050/2	REV	4.8 - 4.5	2.00	4.25	-

PSC, sleeve bearing

Replaces: Whole house fans 7126-1194, 7126-0545, 7126-0158, 7126-0460, 7126-1195

Fedders

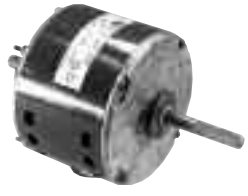
02090*	5KCP29GK4566S	1/4	230	1100/1	CCW OSE	1.6	3.5	5.3	–



5 1/2 inch diam., open 2 1/2 inch resilient rings, 5 MFD @ 370V capacitor required (MARS No. 12005)

Replaces: GE stock # 2090; Fasco D1010; Universal 515

03074*	5KCP39HGA499T	1/3	208-230	1075/1	CCW OSE	2.6	3.0	5.1	1.6



5 1/2 inch diam., opposite lead end enclosed, thru bolt mount, 4 MFD @ 370V capacitor required (MARS No. 12004)

Replaces: 5KCP39HG5622S; GE Stock No. 3074; Fedders S194-46-1 & S196-134-1

D441	-	1/80	115	1500/1	CCW SE	0.6	1.00	2.12	-

Shaded pole, sleeve bearing, 1/4 inch dia. shaft

Replaces: Fedders, Oasis, Whirlpool Port Dehumidifiers

**** Limited quantities available while supplies last.***

One-On-One™ Direct Replacement Motors

Fedders (con't)

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D186	-	1/20	460	1500/1	CW SE	0.4	2.33	2.88	-
Shaded pole, sleeve bearing, 5/16 inch dia. shaft									
Replaces: Roof Top A/C									
D1012	-	1/15 - 1/20 - 1/25	115	1550/3	DS	2.3 - 1.9 - 1.6	3.00	3.38	3.00
Shaded pole, sleeve bearing, 3/8 inch dia. shaft									
Replaces: RMR, RY1302, 5206-00025-001, Y24CW50, 7190-0163									
D1010	-	1/8 - 1/12 - 1/15	115	1050/3	DS	4.4 - 3 - 2.3	3.33	3.38	2.75
Shaded pole, sleeve bearing									
Replaces: Window AC Motor; S196-20-2									
D1011	-	1/6 - 1/12 - 1/15	208 - 230	1050/3	DS	2.5 - 1.6 - 1.2	3.33	3.25	2.75
Shaded pole, sleeve bearing									
Replaces: Window AC Motors; S196-42-1, S296-161-3									
D884	-	1/6 - 1/8 - 1/10	115	1050/3	DS	2.3 - 2 - 1.8	5.00	3.75	4.00
PSC, sleeve bearing									
Replaces: S196-59-1, 2:72-1, 2:73-1, 2:74-1,2,3									
D882	-	1/5	230	1080/1	CW SE	1.5	4.25	3.88	-
PSC, sleeve bearing, 7.5@370V capacitor installed									
Replaces: Condenser Fan; S196-179-1									

Fedders (con't)

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D1016	-	1/4	230	1100/1	CW SE	2.0	4.12	3.88	-

PSC, sleeve bearing

Replaces: Condenser Fan; S196-18-2

FASCO

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
A159	-	159 CFM	230	1550/1	-	0.5	-	-	-

Shaded pole

Replaces: AK4K84BX; 11-7096

FASCO

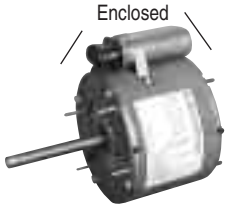
MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
A161	-	161 CFM	230	1600/1	-	0.6	-	-	-

Shaded pole

Replaces: Brinkley 8353920103; Fedders

FASCO

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
X274	048A11T407	1/5	230	1075/1	CW OSE	1.4	4.12	4.13	-

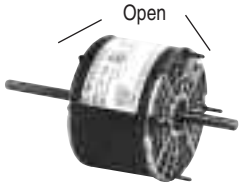


48Y frame, open air over, extended studs-footless mount, sleeve bearing, capacitor included, non-stock motor subject to special terms

Replaces: Fedders S196-179-1, FASCO D882, AOS OFE5612
List Price $168, Mult. Symbol F1

marathon electric

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
X202	048A11O1063	1/4	208-230	1075/3	REV	2.2	4.50	3.88	2.50

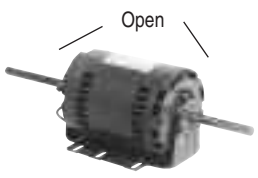


48Y frame, open air over, thru-bolt extended studs-footless mount, 5@370V capacitor required (MARS No. 12005)

Replaces: Fedders S196-58-2, FASCO D881
List Price $129, Mult. Symbol F1

marathon electric

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
X205	056A11O5312	3/4	208-230	1075/1	REV	3.6	4.50	8.62	7.00



56HZ frame, open air over, resilient/combination base with 12 mounting holes, double shaft ext. 1 1/2" long by 1/2" diameter with flat each end, ball bearings, 5/8" shaft dia., 17.5@370V capacitor required (MARS No. 12012)

Replaces: Fedders K65TXMR1109, Emerson K2328, Magnetek C024
List Price $339, Mult. Symbol F1

marathon electric

One-On-One™ Direct Replacement Motors

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C

First Company

02350	5KCP29FK6443S	1/4	208/230	1625/2	CCW OSE	2.0	7.25	4.62	7.25

5 inch diam., shaft ends open, resilient ring mount, sleeve bearing, capacitor included

Replaces: First Company M10, M9

GE Commercial Motors By Regal-Beloit

Friedrich

03056	5KCP39LGM011S	1/3	230	1075/5	CCW OSE	1.8	2.5	5.0	2.2

5 1/2 inch diam., totally enclosed, lug mount, 5 MFD @370V capacitor required (MARS No. 12005)

Replaces: 5KCP39KGE992S, 5KCP39LGD804S, 5KCP39LGG720S, 5KCP39LGK010T, 5KCP39LGK292S, 5KCP39MG7145S, 5KCP39MG9096S, 5KCP39MG9679S, 5KCP39MGB109T, 5KCP39LGM011T, GE Stock No. 3073; Fasco D86; Friedrich 610-714-33, 610-714-13; & MARS No. 03002; Universal 118

GE Commercial Motors By Regal-Beloit

D868	-	1/3 - 1/4 - 1/5 - 1/6 - 1/7	230	1075/5	CCW SE	2.1 - 1.5 - 1.2 - 1 - .9	2.75	4.75	2.25

PSC, sleeve bearing, rotation determined by viewing lug end

Replaces: 5KCP39MG90965, 5KCP39KGE9925, 5KCP39LGD8045, 5KCP39LGG7205 5KCP39LGK010T, 5KCP39MG7145S, 5KCP39MG9679S, 5KCP39LGM011T

FASCO

Frymaster

A110	-	1/70	115	3200/1	CW SE	.90/.80	-	-	-

Shaded pole, ball bearing, 50/60Hz

Replaces: 7021-0898

FASCO

A111	-	1/40	208/240	3200/1	CW OLE	0.8	-	-	-

Shaded pole, ball bearing

Replaces: 7021-11294, 8073637

FASCO

Gaffers & Sattler

D862	-	1/2 - 1/3	208 - 230	1075/2	DS	3.2 - 3	2.62	-	2.50

PSC, sleeve bearing, 7.5@370V capacitor required (MARS No. 12007)

Replaces: Roof Top A/C Direct; Pak 1.5 & 2.0 EA

FASCO

Gaffers & Sattler (con't)

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
X225	048A11O1176	1/2	208-230	1075/2	CCW OSE	3.0	2.00	5.50	2.00

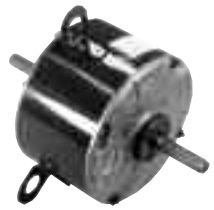
48Y frame, open air over, resilient ring mount, sleeve bearings, 7.5@370V capacitor required (MARS No. 12012), non-stock motor subject to special terms

Replaces: Rooftop A/C direct Pak 1.5 & 2.0 ea, FASCO D862
List Price $190, Mult. Symbol F1

marathon electric

General Electric

03077*	5KCP39DGK013S	1/5	265	1075/3	CW OSE	1.3	2.0	4.6	2.1



5 1/2 inch diam., shell & shaft end enclosed, lug mount, 4 MFD @ 370V capacitor required (MARS No. 12004)

Replaces: 5KCP39EG59675, GE STOCK NO. 3077

GE Commercial Motors By Regal-Beloit

03078	5KCP39DGK014S	1/5	230	1075/4	CW OSE	1.5	2.0	6.75	2.1

5 1/2 inch diam., open, lug mount, 4 MFD @ 370V capacitor required (MARS No. 12004)

Replaces: 5KCP39EG5480S

GE Commercial Motors By Regal-Beloit

D896	-	1/5 - 1/8	208 - 230	1625/2	CCW LE	1.1 - .7	2.88	3.75	2.25

PSC, sleeve bearing, 4@370V capacitor required (MARS No. 12004)

Replaces: KCP39DGD7795, WJ94X0518

FASCO

D897	-	1/5 - 1/6 - 1/8 - 1/10	230	1075/4	CW SE	1.5 - 1.1 - 1 - .8	2.38	3.75	2.50

PSC, sleeve bearing, rotation determined by viewing lug end, 4@370V capacitor required (MARS No. 12004)

Replaces: KCP39EG5480S, 5KCP39DGK014T, 5KCP39EG5480S, WP94X1, WJ94X162

FASCO

D894	-	1/6	277	1650/1	CW SE	0.8	2.25	3.75	-

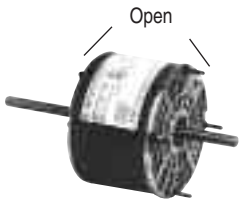
PSC, sleeve bearing

Replaces: 5KCP39CGP7275

FASCO

**** Limited quantities available while supplies last.***

One-On-One™ Direct Replacement Motors

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
General Electric (con't)										
	D1050	-	1/8	230	1550/1	CW SE	1.1	3.00	3.25	-
	PSC, sleeve bearing, original motor is SP, D1050 is PSC to provide greater motor efficiency and permit closing of shaft end to prevent moisture from entering									
	Replaces: WW94X236SP, WW94X936PSC, A/C condenser, KSP29DK1782S FASCO									
	D264	-	1/8	230	1550/1	REV	1.1	5.00	3.25	-
	PSC, sleeve bearing									
	Replaces: A/C Cond. Fan Motor FASCO									
	D1086	-	1/12 - 1/25	277	1625/2	CCW SE	.6 - .2	6.50	3.25	6.50
	PSC, sleeve bearing									
	Replaces: 5KCP29CK3586AS FASCO									
	D2850	-	1 OR 3/4	208-230/460 60 HZ, 200/380-415 50 HZ	1125/1 or 950/1	CW SE	4.6/2.3	3.45	6.50	-
	PSC, ball bearing, not a direct replacement but suitable for reference models									
	Replaces: 5KCP39SFL153DS (GE); MOT05717, Trane X70671180017, X70670706010, MOT03771, MOT05717 FASCO									
	D2851	-	1 OR 3/4	208-230/460 60 HZ or 200/380-415 50 HZ	1125/1 or 950/1	CW SE	4.6/2.3	3.75	6.50	-
	PSC, ball bearing, 5/8 inch dia. keyed shaft, not a direct replacement but suitable for reference models									
	Replaces: 5KCP39SFL153DS (GE); MOT09188, MOT09188, MOT09192, Trane X7067165301, X70671656010 FASCO									
Gibson-Belding & Kelvinator										
	**X217**	048A17O129	1/3	230	1365/3	CCW OSE	3.0	8.00	4.50	8.50
	48Y frame, open air over, thru-bolt mount, ball bearings, 5@370V capacitor required (MARS No. 12005)									
	Replaces: FASCO D855, Magnetek 399 List Price $157, Mult. Symbol F1 marathon electric									

One-On-One™ Direct Replacement Motors

Gibson-Belding & Kelvinator (con't)

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D1853	-	1/3 - 1/4 - 1/5	230	1090/3	DS	2 - 1.9 - 1.8	6.00	4.25	2.88

PSC, sleeve bearing, rotation determined by viewing lug end

Replaces: G519243, G505976, K55HXNEC-6830

FASCO

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D854	-	1/3 - 1/4 - 1/6	208 - 230	1365/3	DS	2.8 - 1.7 - 1.2	4.50	4.50	2.62

PSC, sleeve bearing, rotation determined by viewing lug end, 3@370V capacitor required (MARS No. 12003)

Replaces: Franklin X157668, X152275, 82181

FASCO

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D855	-	1/3 - 1/4 - 1/5	230	1365/3	DS	2.7 - 2 - 1.7	8.00	4.25	8.75

PSC, sleeve bearing, 3@370V capacitor required (MARS NO. 12003)

Replaces: RAK7024

FASCO

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D856	-	1/3 - 1/4 - 1/5	230	1300/3	DS	3.1	5.25	5.00	3.00

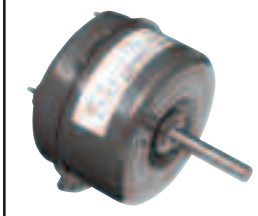
PSC, sleeve bearing, rotation determined by viewing lug end

Replaces: G519244, G505971, K55HXNEM6844

FASCO

Goodman

02250	5KCP29ECA321S	1/6	208-230	1075/1	CCW OSE	1.00	2.50	3.35	-

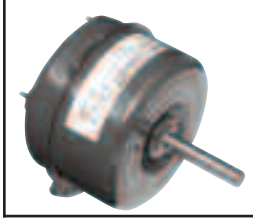


5 inch diam., totally enclosed, 41" leads, 5 MFD @ 370 capacitor required (MARS No. 12005)

Replaces: GOODMAN, 5KCP29ECA033S

GE Commercial Motors By Regal-Beloit

02959	5KCP29ECA426S	1/6	208-230	1075/1	CCW OSE	1.00	2.50	3.35	–

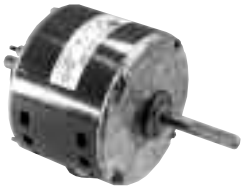
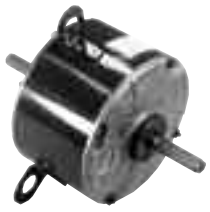


5 inch diam., ball bearing condenser fan motor, 5 MFD @370V capacitor required (MARS No. 12005) thru bolt mount

Replaces: 5KCP29ECA033S

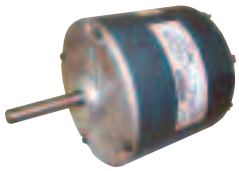
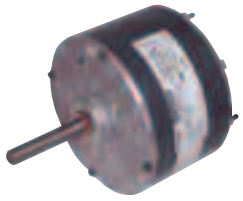
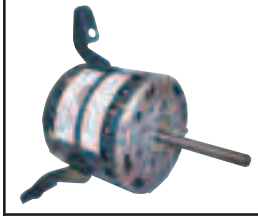
GE Commercial Motors By Regal-Beloit

One-On-One™ Direct Replacement Motors

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
Goodman (con't)										
	**03234**	5KCP39CFY918S	1/12	208-230	825/1	CW OSE	0.60	2.25	3.98	–
	5 1/2 inch diam., condenser fan motor, 5 MFD @370V capacitor required (MARS No. 12005)									
	Replaces: 5KCP39CFS300CS									
	03235	5KCP39CGY919S	1/5	208-230	1075/2	CCW OSE	1.70	3.50	3.73	–
	5 1/2 inch diam., air handler, 5 MFD @370V capacitor required (MARS No. 12005), torsion flex mount									
	Replaces: 5KCP39CGP874S									
	**03236**	5KCP39DFY920S	1/15	208-230	850/2	CW OSE	0.37	3.25	3.98	3.00
	5 1/2 inch diam., PTAC package blower, 5 MFD @370V capacitor required (MARS No. 12005), double shaft lug mount									
	Replaces: 5KCP39DFT606AS									
	03237	5KCP39FFY921S	1/3	208-230	1075/2	CCW OSE	2.30	3.50	4.23	–
	5 1/2 inch diam., air handler, 7.5 MFD @370V capacitor required (MARS No. 12007), torsion flex mount									
	Replaces: 5KCP39FFS396S									
	03238	5KCP39FGY922S	1/3	115	1050/3	CCW OSE	5.10	3.50	3.98	–
	5 1/2 inch diam., furnace blower, 12.5 MFD @370V capacitor required (MARS No. 12009), torsion flex mount									
	Replaces: 5KCP39FGV064AS									
	03239	5KCP39GGY923S	1/3	208-230	1075/2	CCW OSE	2.30	3.50	4.23	–
	5 1/2 inch diam., air handler, 7.5 MFD @370V capacitor required (MARS No. 12007), torsion flex mount									
	Replaces: 5KCP39GGP993AS									

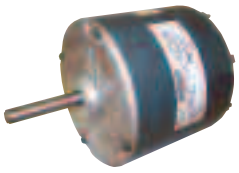
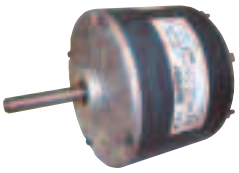
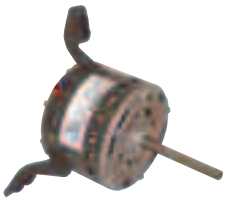
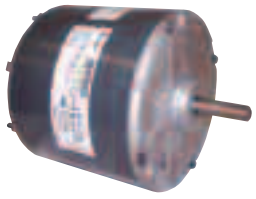
One-On-One™ Direct Replacement Motors

Goodman (con't)

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
	03240	5KCP39KGY924S	1/2	208-230	1075/2	CCW OSE	2.70	3.00	4.73	–
	5 1/2 inch diam., air handler, 12.5 MFD @370V capacitor required (MARS No.12009), torsion flex mount									
	Replaces: 5KCP39KGR696S									
	03241	5KCP39KGY925S	1/2	115	1075/3	CCW OSE	7.80	3.75	4.98	–
	5 1/2 inch diam., furnace blower, 10 MFD @370V capacitor required (MARS No.12008), torsion flex mount									
	Replaces: 5KCP39KGT785S									
	03242	5KCP39BGY926S	1/6	208-230	1075/1	CCW OSE	1.00	2.75	3.73	–
	5 1/2 inch diam., condenser, 5 MFD @370V capacitor required (MARS No.12005)									
	Replaces: 5KCP39BGP870S									
	03911	5KCP39BGY831S	1/6	208-230	1075/1	CCW OSE	1.00	2.75	4.21	–
	5 1/2 inch diam., condenser, 5 MFD @ 370 cap required (MARS No. 12005), sleeve bearing, lug mounting									
	Replaces: B13400251, 5KCP39BGP870S									
	03912	5KCP39GGY833S	1/3	115	1075/4	CCW OSE	5.30	4.00	4.30	–
	5 1/2 inch diam., furnace, 12.5 MFD @ 370 cap required (MARS No. 12009), sleeve bearing, torsion flex mounting									
	Replaces: B1340025, 5KCP39GGY022AS									
	03913	5KCP39NGY835S	1/2	115	1130/4	CCW OSE	8.80	4.00	5.30	-
	5 1/2 inch diam., furnace, 20 MFD @ 370V cap required (MARS No. 12014), sleeve bearing, torsion flex mounting									
	Replaces: B1340024, 5KCP39NGV995AS									

GE Commercial Motors By Regal-Beloit

One-On-One™ Direct Replacement Motors

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
Goodman (con't)										
	**03914**	5KCP39JFY840S	1/4	208-230	830/1	CCW OSE	1.50	2.50	5.40	-
	5 1/2 inch diam., air handler, 12.5 MFD @370V capacitor required (MARS No.12009), torsion flex mount									
	Replaces: 5KCP39KGR696S									
	**03915**	5KCP39GGY839S	1/6	208-230	810/1	CCW OSE	1.10	2.50	4.71	–
	5 1/2 inch diam., condenser, 5 MFD @ 370V cap required (MARS No. 12005), sleeve bearing, thru bolts mounting									
	Replaces: 0131M00016P, 5KCP39GGY637S									
	**03916**	5KCP39HGY842S	1/3	208-230	910/1	CCW OSE	3.00	4.00	5.13	–
	5 1/2 inch diam., 10 MFD @ 370V cap required (MARS No. 12008), sleeve bearing, torsion flex mounting									
	Replaces: 11091203, 5KCP39HGS518DS									
	**03917**	5KCP39JFY832S	1/4	208-230	830/1	CCW OSE	1.50	1.50	5.46	-
	5 1/2 inch diam., condenser, 5 MFD @ 370V cap required (MARS No. 12005), sleeve bearing, thru bolts mounting									
	Replaces: B13400270, 5KCP39JFV504S									
	A065	-	1/50	115	3000/1	CCW SE	1.22	-	-	-
	Shaded pole, ball bearing									
	Replaces: 0131M00002P, 119276-00									
	A140	-	1/50	115	3400/1	CW SE	1.4	-	-	-
	Shaded pole									
	Replaces: 7021-9087, 7021-9000									

Goodman (con't)

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
	A157	-	1/35	115	3000/1	CCW SE	7.3	-	-	-
	Shaded pole									
	Replaces: 7002-2307									
	A162	-	1/50	208 - 230	3000/1	CCW SE	0.5	-	-	-
	Shaded pole									
	Replaces: 7021-8656									
	A079	-	79CFM	115	3000/1	CCW SE	1.1	-	-	-
	Shaded pole									
	Replaces: 7021-6804									
	A181	-	1/30	115	3000/1	CW SE	1.5	-	-	-
	Shaded pole, ball bearing									
	Replaces: 7058-0136, 20044403									
	A182	-	1/35	115	3000/1	CCW SE	1.3	-	-	-
	Shaded pole, sleeve bearing									
	Replaces: 7002-3036, B4059000									
	A184	-	1/35	115	3125/1	CCW SE	1.6	-	-	-
	Shaded pole, ball bearing									
	Replaces: 7058-0229, B40590-01									

ONE-ON-ONE

One-On-One™ Direct Replacement Motors

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
Goodman (con't)										
	A187	-	1/20	208-230	3250/1	CW SE	0.8	-	-	-
	Shaded pole, sleeve bearing									
	Replaces: 7021-10006, 20028901									
	A188	-	1/18	115	3250/1	CW SE	1.6	-	-	-
	Shaded pole, sleeve bearing									
	Replaces: 7021-10958, B4833000									
	A189	-	1/24	115	3000/1	CW SE	1.5	-	-	-
	Shaded pole, sleeve bearing									
	Replaces: 7021-7302, D9868620									
	A281	-	1/40	115	3000/1	CW SE	0.9	-	-	-
	Shaded pole, sleeve bearing									
	Replaces: 7021-8252, D6996405									
	A282	-	1/60	220	2600/1	CCW SE	0.5	-	-	-
	Shaded pole, sleeve bearing, 50Hz									
	Replaces: 7021-8448, B1859050S									
	A284	-	1/30	208/240	3000/1	CW SE	.59/.50	-	-	-
	Shaded pole, sleeve bearing									
	Replaces: 7021-9227, D9886202									

One-On-One™ Direct Replacement Motors

Goodman (con't)

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
A285	-	1/40	115	3250/2	CW SE	1.4	-	-	-

Shaded pole, sleeve bearing

Replaces: 7021-9236, B2833002

FASCO

A288	-	1/30	115	3100/2	CW SE	1.4/.65	-	-	-

Shaded pole, ball bearing

Replaces: 7021-9727, 11177202

FASCO

A290	-	1/20	115	3200/ 2400/2	CCW SE	0.7	-	-	-

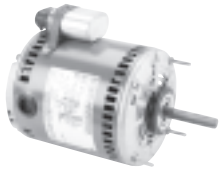
PSC, ball bearing

Replaces: 7062-5015, 20245903

FASCO

Greenheck Fan

X261	048A8O151	1/8	115	825/1	REV	2.1	2.50	5.50	-

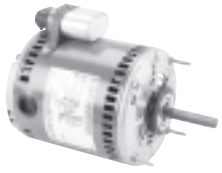


48Y frame, open air over, thru-bolt mount, ball bearings, automatic reset thermal protector, internal cooling fan, capacitor included

Replaces: Greenheck 300008
List Price $181, Mult. Symbol F1

marathon electric

X260	048A11O251	1/6	115	1140/1	REV	2.2	2.50	5.25	-



48Y frame, open air over, thru-bolt mount, ball bearings, automatic reset thermal protector, internal cooling fan, capacitor included

Replaces: Greenheck 300010
List Price $172, Mult. Symbol F1

marathon electric

D1061	-	1/20 - 1/30 - 1/60	115	1500/3	CCW SE	2 - 1.7 - 1.4	2.75	-	-

Shaded pole, sleeve bearing

Replaces: 7108-2425

FASCO

One-On-One™ Direct Replacement Motors

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C

GSW

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
W7	-	1/25	115	3200/1	CW SE	1.3	-	-	-

Shaded pole, sleeve bearing, water heater draft inducer

Replaces: 7021-8347, 63217

FASCO

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
W8	-	1/25	115	3200/1	CW SE	1.3	-	-	-

Shaded pole, sleeve bearing, water heater draft inducer

Replaces: 7021-9756, 63172

FASCO

Heat N Glow

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
A133	-	1/50	115	3000/1	-	1.2	-	-	-

Shaded pole

Replaces: 7002-1241

FASCO

Heatcraft

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D1122	-	1/16	208-230	1650/ 1300/1	CW SE	0.4	1.62	3.62	-

PSC, sleeve bearing, 5/16 inch dia. shaft, 2@370V capacitor required (MARS No. 12002)

Replaces: 7190-2255, 25308601

FASCO

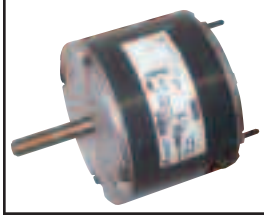
MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D1123	-	1/15	208-230	1550/1	CCW SE	0.5	2.62	3.88	-

PSC, sleeve bearing, 5/16 inch dia. shaft, 50/60 Hz, 4@370V capacitor required (MARS # 12004)

Replaces: 7190-2285, 25309101

FASCO

Heil-Quaker



MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
02957	5KCP29DG8965S	1/6	208-230	1100	REV	1.00	2.25	3.76	.50

5 inch diameter condenser fan motor, ball bearing, 5 MFD @ 370V cap required (MARS No. 12005), vertical shaft down

Replaces: Fasco D1071

GE Commercial Motors
By Regal-Beloit

One-On-One™ Direct Replacement Motors

Heil-Quaker (con't)

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
A064	-	64CFM	115	3150/1	CW SE	0.7	-	-	-

Shaded pole

Replaces: 610172, 7021-5043

FASCO

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D2810	-	1/6	208 - 230	1100/1	CCW SE	1.0	2.00	-	-

PSC, sleeve bearing

Replaces: HQ 1050892EM, KA55HXHNK-2379

FASCO

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D1071	-	1/6	208 - 230	1100/1	REV	0.99	2.12	-	-

PSC, sleeve bearing

Replaces: HQ 1052662EM; 48HXCLW-1562

FASCO

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
A148	-	-	208-230	3000/1	CCW SE	0.5	-	-	-

Shaded pole

Replaces: 7021-7617, 7021-9237

FASCO

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
A151	-	-	230	2800/1	CW SE	0.3	-	-	-

Shaded pole

Replaces: Inter City, HQ1050144

FASCO

Herman Nelson

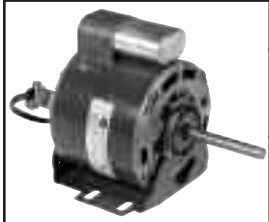
MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D827	-	1/8	115	700/1	CCW SE	2.5	2.00	5.50	-

PSC, ball bearing, 6@370V capacitor required (MARS # 12006)

Replaces: 7-150444-02

FASCO

One-On-One™ Direct Replacement Motors

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
Herman Nelson (con't)										
	D829	-	1/4	115	825/1	REV	3.8	2.00	5.62	-
	PSC, sleeve bearing									
	D880	-	1/4	115	1050/1	CCW OSE	4.3	1.50	5.50	-
	PSC, ball bearing									
Hill Refrigeration										
	D801	-	1/3	208 - 230	1625/1	CCW OSE	2.9	4.00	4.50	-
	PSC, sleeve bearing									
	Replaces: 5KCP39KG1369S									
	D800	-	1	208 - 230	1075/1	CW OSE	7.1 - 6.4	3.75	5.25	-
	PSC, ball bearing, separate connection for each voltage, 15@370V capacitor required (MARS No. 12010)									
	Replaces: PP19162G, 5KCP39GC030S, 5KCP39PGC910S									
	**03001**	5KCP39KG1369S	1/3	208-230	1625/1	CW OSE	2.9	3.5	5.7	–
	5 1/2 inch diam., shell only enclosed, 3 inch resilient base and capacitor included									
	Replaces: Fasco D801; Hill No. PP3955B; Universal 160									
	03067	5KCP39PGC910S	1	208-230	1075/1	CCW OSE	2.9	7.1	3.3	–
	5 1/2 inch diam., open 3 inch resilient base included, ball bearing, 15 MFD @ 370V capacitor required (MARS No. 12010), shaft length 6 1/2 inch									
	Replaces: Hill No. PP19162G, 5KCP39PGC030S, A.O. SMITH OHR 1106									

One-On-One™ Direct Replacement Motors

Hill Refrigeration (con't)

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
05095	5KSM81FFL0036	5W	115	1550/1	CW OSE	.45	.5	2.5	–

3 1/2 inch diam., totally enclosed, 3 tapped holes, shaded pole,1/4 inch threaded shaft

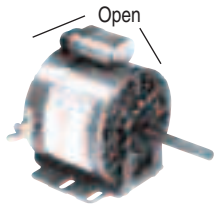
Replaces: 5KSP51AL486H, 5KSM51AG3005, Hill No. PP7577
Also Replaces: 5KSP51AL380H used by WARREN

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
05096	5KSM81FFL0036	5W	115	1550/1	CW OSE	.45	.5	2.5	–

3 1/2 inch diam., totally enclosed, 3 tapped holes, shaded pole, 1/4 inch threaded shaft with 90˚ Lyall plug

Replaces: 5KSP51AL486H, 5KSM51AG3005, Hill No. PP7577
Also Replaces: 5KSP51AL380H used by WARREN

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
X230	048A17O136	1/3	208-230	1625/1	CW	1.8	3.50	4.75	-



48Y frame, open air over, resilient base, ball bearings, capacitor included

Replaces: Magnetek 160, Steveco S3001, FASCO D801, GE 5KCP39KG1369S
List Price $168, Mult. Symbol F1

Honeywell Air Cleaner

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D1054	-	1/12 - 1/20 - 1/25	115	1050/3	CW SE	3.1 - 2.1 - 1.5	2.50	2.62	-

Shaded pole, sleeve bearing

Replaces: 190386A; 5KSP29DK1906S

Hussman

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D807	-	1/6	208 - 230	1625/1	CCW SE	1.2	4.88	3.75	-

PSC, ball bearing, 4@370V capacitor required (MARS No. 12004)

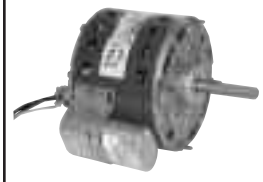
Replaces: 5KCP39EGC244T, 5KSP39FG4771S

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D890	-	1/2	208 - 230	1725/1	CCW SE	2.7	3.50	4.50	-

PSC, sleeve bearing

Replaces: 259983, K55HXCTP-9963

One-On-One™ Direct Replacement Motors

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
Hussman (con't)										
	K114	-	1/500	115	3000/1	CCW SE	0.64	1.75	-	-
	Shaded pole, sleeve bearing, equipped with KFAN6046 fan blade, .181 inch dia. shaft									
	Replaces: 301-5734									
	00091	RS4BEB9E13	9W	115	1660/1	CW OSE	.26	.39	2.56	–
	3.43 inch diam., enclosed, end or side pad mounting, capacitor mounted inside shell, water resistant									
	Replaces: RS4BEB9E16, RS4BEB9E12									
	03008	5KCP39GGC052T	1/5	230	1075/1	CW OSE	1.7	2.5	3.9	–
	5 1/2 inch diam., open, thru bolt mount, capacitor included, ball bearing									
	Replaces: 5KCP39GG765S, 5KCP39GN765									
	03009	5KCP39GG3611S	1/5	230	1075/1	CW OSE	1.7	2.5	5.0	–
	5 1/2 inch diam., shell enclosed, 3 1/2 inch resilient base and capacitor included									
	Replaces: Fasco D805; A.O. Smith OHS1016									
	03012	5KCP39GG5606S	1/5	208-230	1075/1	CW OSE	1.7	2.5	4.8	–
	5 1/2 inch diam., shell enclosed, thru bolt mount, capacitor included									
	Replaces: 5KCP39GGA967T									
	**03225**	5KCP39HGU549S	1/5	208-230	1075	CW OSE	1.8	2.5	4.23	–
	5 1/2 inch diam., open, resilient ring mount, ball bearing, run capacitor included, end bell mounted, 4@370V cap provided, mounting is both hub & extended clamp screws									
	Replaces: Emerson 1648; K55HXKWA-8573, PO11-96203									

One-On-One™ Direct Replacement Motors

Hussman (con't)

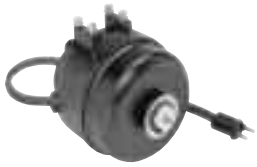
MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
03226	5KCP39LGU550S	1/2	208-230	1725	CW OSE	2.7	3.75	4.98	–

5 1/2 inch diam., open, thru bolt, ball bearing, run capacitor included, junction box, 5@370V cap provided

Replaces: Emerson 644, K55HXCTP-9963, 259983

GE Commercial Motors By Regal-Beloit

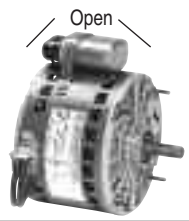
05119	5KSM81FFL1032	9W	115	1550	CW OSE	.55	.5	3.31	–



3 1/2 inch diam., enclosed, 3 tapped holes, shaded pole, threaded shaft, Lyall plug,1/4" threaded shaft

Replaces: Hussman 47000, 58698, 5KSM51ECG5133

X269	048A17O147	1/6	208-230	1625/1	CW OSE	1.2	1.50	4.12	-



48Y frame, open air over, thru-bolt mount, ball bearings, capacitor included

Replaces: FASCO D807, GE 5KCP39EGC2447, Magnetek 174, Emerson 1645
List Price $187, Mult. Symbol F1

marathon electric

IEC

D1040	-	1/5	208/240	925/3	CW SE	1.6	8.00	4.33	-

PSC, sleeve bearing, for 208V use 7.5@370V (MARS No. 12007), for 240V use 6@370V (MARS No. 12006)

Replaces: 5KCP29KK8385S, S89209

FASCO

D1041	-	1/15	265	1075/3	CW SE	0.6	7.12	3.88	-

PSC, sleeve bearing

Replaces: 5KCP29DK8389S, S89206

FASCO

D1043	-	1/4	265	1075/3	CW SE	1.6	6.25	4.62	-

PSC, sleeve bearing

Replaces: 5KCP29DK8386S, 289211

FASCO

One-On-One™ Direct Replacement Motors

IEC (con't)

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
	D1044	-	1/4	115	970/3	CW SE	6.0	8.00	4.33	-
	PSC, sleeve bearing									
	Replaces: 5KCP29DK8387S, S89210									
	D1045	-	1/30	115-127	1100/3	CW SE	.53	9.00	3.12	-
	PSC, sleeve bearing, 4@ 370V capacitor included									
	Replaces: 5KCP29BK8382S, S89202									
	D1047	-	1/20	208-230	1075/3	CW SE	1.6	7.12	3.88	-
	PSC, sleeve bearing									
	Replaces: 5KCP29FK8028S, S88935									
	D1048	-	1/20	277	1075/3	CW SE	0.5	7.25	3.88	-
	PSC, sleeve bearing									
	Replaces: 5KCP29FK8132S, S89205									
	D1049	-	1/20	265	1075/3	CW SE	0.4	7.12	3.88	-
	PSC, sleeve bearing									
	Replaces: 5KCP29FK8388S, S89204									
	D1053	-	1/30	265	1075/3	CW SE	.38	7.13	3.33	-
	PSC, sleeve bearing									
	Replaces: 5KCP29BK8094S, S89203									

One-On-One™ Direct Replacement Motors

IEC (con't)

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D1055	-	1/12	115-127	1375/3	DS	1.4	9.12	3.12	9.50

PSC, sleeve bearing, 6@ 370V capacitor required (MARS No. 12006)

Replaces: 5KCP29BK8383S, S89207

FASCO

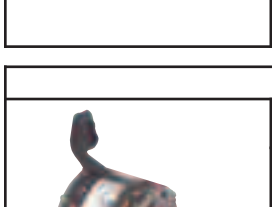
D1059	-	1/6	115-127	1450/3	DS	2.3	8.75	3.33	9.00

PSC, sleeve bearing, 5@ 370V capacitor required (MARS No. 12005)

Replaces: 5KCP29DK8384S, S89208

FASCO

02988	5KCP29KK8983S	1/8	115	950/1	CCW OSE	3.10	5.50	4.06	–

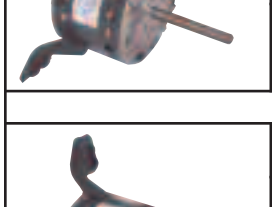


5 inch diam., totally enclosed, 41" leads, 5 MFD @ 370 capacitor required (MARS No. 12005)

Replaces: GOODMAN, 5KCP29ECA033S

GE Commercial Motors By Regal-Beloit

02989	5KCP29FK8997S	1/20	115	1075/3	CCW OSE	1.25	6.50	3.58	–



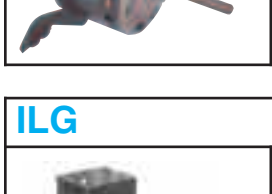
5 inch diam., fan coil, 7.5 MFD @370V capacitor required (MARS #12007), torsion flex mount

Replaces: 5KCP29FK6011S

GE Commercial Motors By Regal-Beloit

ILG

D115	-	1/12	115 / 230	1550/1	CCW SE	2.5 - 1.3	2.00	4.12	-



Shaded pole, sleeve bearing

Replaces: 78-27-721T; Fasco 7108-2237

FASCO

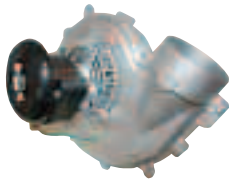
D1039	-	1/10	115	1610/1	CCW SE	3.1	2.38	4.50	-

Shaded pole, sleeve bearing

Replaces: 78-27-611N; Fasco 7108-2171

FASCO

One-On-One™ Direct Replacement Motors

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
Inter City										
	D1167	-	1/40	208 - 230	3000/1	CCW SE	0.6	1.00	4.88	-
	Shaded pole, sleeve bearing, 5/16 inch dia. shaft									
	Replaces: 1708-518, 7121-5854									
	A051	-	1/60	115	3000/1	CW SE	1.6	-	-	-
	C-frame, shaded pole, ball bearing									
	Replaces: 1013833, J238-1393									
	A067	-	1/20	115	3000/1	CW SE	2.6	-	-	-
	3.3 inch, shaded pole, ball bearing									
	Replaces: 1014338, 119225-00									
	A134	-	-	115	3060/1	CW SE	1.5	-	-	-
	Shaded pole									
	Replaces: ICP 7021-9335, 7021-8735, 7021-9499, 7021-8736, 7021-7700									
	A145	-	-	115	3450/1	CCW SE	0.7	-	-	-
	PSC, 4@250V capacitor included									
	Replaces: ICP 7062-4061									
	A141	-	-	115	2800/1	CW SE	1.0	-	-	-
	Shaded pole									
	Replaces: ICP 7021-8741, 7021-8742, 7021-9498									

Inter City (con't)

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
	A148	-	-	208-230	3000/1	CCW SE	0.5	-	-	-
	Shaded pole									
	Replaces: ICP 7021-7617, 7021-9237									
	A151	-	-	230	2800/1	CW SE	0.3	-	-	-
	Shaded pole									
	Replaces: ICP, HQ1050144									
	A169	-	-	230	2800/1	CW SE	0.8	-	-	-
	Shaded pole									
	Replaces: ICP 7021-10048, 7021-10580									
	A170	-	1/25	115	3400/1	CCW SE	2.3	-	-	-
	Shaded pole, ball bearing									
	Replaces: 7021-10702, 7021-10299									
	A171	-	1/25	115	3450/1	CCW SE	0.7	-	-	-
	PSC, ball bearing									
	Replaces: 7062-4783, 1011412									
	A172	-	1/35	115	3000/1	CW SE	1.6	-	-	-
	Shaded pole, ball bearing									
	Replaces: 7002-2792, 1010975P									

One-On-One™ Direct Replacement Motors

Inter City (con't)

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
	A173	-	1/18	115	3450/1	CCW SE	0.8	-	-	-
	PSC, ball bearing									
	Replaces: 7062-4578, 1011350									
	A174	-	1/100	115	2350/1	CW SE	0.8	-	-	-
	Shaded pole, sleeve bearing									
	Replaces: 7021-9188, 1010239									
	A175	-	1/40	115	3300/1	CCW SE	1.0	-	-	-
	Shaded pole, sleeve bearing									
	Replaces: 7002-1891, 1708-600P									
	A176	-	1/25	115	3100/1	CW SE	2.2	-	-	-
	Shaded pole, ball bearing									
	Replaces: 7002-2946, 1011899, 7002-3071, 1011899P									
	A177	-	1/36	115	3000/2	CW SE	1.4	-	-	-
	Shaded pole, ball bearing									
	Replaces: 7021-10363, 1011632, 7021-10597, 1011632P									
	A178	-	1/30	115	3400/1	CW SE	1.8	-	-	-
	Shaded pole, ball bearing									
	Replaces: 7021-10928, 1013388FA									

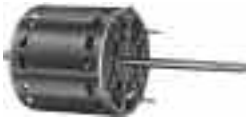
Inter City (con't)

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
A179	-	1/60	115	3300/1	CW SE	0.9	-	-	-
Shaded pole, sleeve bearing									
Replaces: 7021-8693, 1006168P									
A301	-	1/100	115	2350/1	CW SE	0.1	-	-	-
Shaded pole, sleeve bearing									
Replaces: 7021-9498, 1010239P									
A302	-	1/25	115	3060/1	CW SE	1.5	-	-	-
Shaded pole, sleeve bearing									
Replaces: 7021-9499, 1010324P, 7021-7700, 1708-607									
A304	-	1/25	115	3060/1	CW SE	1.5	-	-	-
Shaded pole, sleeve bearing									
Replaces: 7021-9701, 1011021									
A306	-	1/30	208-230	3350/ 2900/2	CCW SE	0.3	-	-	-
PSC, sleeve bearing, 50/60Hz									
Replaces: 7062-4532, 1097245, 50160Hz									
A307	-	1/24	115	3450/1	CW SE	0.7	-	-	-
PSC, sleeve bearing									
Replaces: 7062-5165, 1149097, 7062-3794, 1008416P									

One-On-One™ Direct Replacement Motors

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C

Interthem-Addison



D872	-	3/4 - 1/2	230	1075/2	DS	4.3 - 3.5	2.00	5.50	6.25
PSC, sleeve bearing, 12.5@370V capacitor required (MARS No. 12009)									
Replaces: 5KCP39MGN341T									

ITT Reznor

D404	-	1/10	208 - 230	3000/1	REV	0.8	3.25	4.25	-
PSC, ball bearing, 5/16 inch dia. shaft, 4@370V capacitor included									
Replaces: CW175-40069, 7162-0293, CCW505-43424, 7162-0348, CCW175-40070, 7162-0294									

D405	-	1/10	115	3000/1	REV	1.4	3.25	4.25	-
PSC, ball bearing, 5/16 inch dia. shaft, 4@370V capacitor included									
Replaces: CCW77162-0311, CCW175-43846, CW7162-0224, CW36860									

Jakel

A143	-	-	115	3000/1	CW SE	0.95			
3.3 dia., shaded pole									
Replaces: J238-138-1344									

Janitrol

A073	-	73CFM	115/230	3000/1	CCW SE	.8 / .5	-	-	-
Shaded pole, ball bearing									
Replaces: 82932, 8251560133									

A079	-	73CFM	115	3000/1	CCW SE	1.1	-	-	-
Shaded pole									
Replaces: 7021-6804									

One-On-One™ Direct Replacement Motors

Jenn Air

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D1173	-	1/30	115	1500/1	CW SE	1.2	2.50	3.88	-

Shaded pole, ball bearing, 5/16 inch dia. shaft

Replaces: 70CR

FASCO

D1170	-	1/15	115	1500/1	CW SE	2.1	2.50	4.75	-

Shaded pole, ball bearing, 3/8 inch dia. shaft

Replaces: 80CR

FASCO

D377	-	1/12	115	1500/1	CCW SE	3.1	2.00	2.75	-

Shaded pole, sleeve bearing, 3/8 inch dia. shaft

Replaces: 7108-2101

FASCO

Johnson Furnace

A081	-	80CFM	230	3000/1	CCW SE	0.5	-	3.50	-

Shaded pole, ball bearing

Replaces: HWC Series Unit, 35035B001, 322P859, DE3L038

FASCO

A085	-	-	230	3000/1	CCW SE	0.7	-	-	-

Shaded pole

Replaces: AO Smith 464, Johnson Furnace

FASCO

Keeprite

D1243	-	1/20	115	1550/1	CCW SE	0.8	2.75	4.12	-

PSC, sleeve bearing, 5/16 inch dia. shaft, 4@370V capacitor included

Replaces: 501899, 7164-1243, 7164-1854, R370

FASCO

One-On-One™ Direct Replacement Motors

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
Keeprite (con't)										
	D1245	-	1/20	230	1550/1	CCW SE	0.4	2.75	4.00	-
	PSC, sleeve bearing, 5/16 inch dia. shaft, 4@370V capacitor included									
	Replaces: 501909, 7164-1313, 7164-1853, R371									
	D1120	-	1/20	115	1550/1	CW SE	2.1	2.50	3.50	-
	Shaded pole, sleeve bearing, 5/16 inch dia. shaft									
	Replaces: 7163-8722, 1043336									
	D1121	-	1/20	208 - 230	1550/1	CW SE	1.0	2.50	3.50	-
	Shaded pole, sleeve bearing, 5/16 inch dia. shaft									
	Replaces: 7163-8861, 1043766									
	D1246	-	1/15	115	1550/1	CCW SE	2.3	1.75	3.50	-
	Shaded pole, sleeve bearing, 3/8 inch dia. shaft									
	Replaces: 81356, 7108-2206									
Kelvinator										
	00152	ESP-OL15EMJR11	15W	115	1500/1	CCW SE	.6	7	3.17	–
	3 7/8 inch diam., enclosed, 3 tapped holes or side pad mount, shaded pole, 5/16 inch diam. flatted shaft									
	Replaces: Kelvinator No. 24-0366; ESP-L15EMJR11									
Krack Refrigeration										
	D1158	-	1/20	115 / 208 - 230	1550/1	CW SE	1.4 - .8	1.62	3.31	-
	Shaded pole, ball bearing, 5/16 inch dia. shaft									
	Replaces: Commercial Refrigeration Units									

Krack Refrigeration (con't)

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D1189	-	1/20	115 / 208 - 230	1550/1	CW SE	1.4 - .76	1.63	3.12	-

Shaded pole, ball bearing, 5/16 inch dia. shaft

Replaces: 11528, 11529, JB2P046N, JA2P216N, JA2P217N, JB2P047N, 8354110940, 8254111030

FASCO

Kramer/Trenton

D1152	-	1/20	115	1500/1	CW SE	1.7	2.38	2.88	-

Shaded pole, sleeve bearing, 5/16 inch dia. shaft

Replaces: 5KSM59ES2001

FASCO

D1154	-	1/20	230	1550/1	CW SE	1.0	2.38	3.12	-

Shaded pole, sleeve bearing, 5/16 inch dia. shaft

Replaces: JA2R140N

FASCO

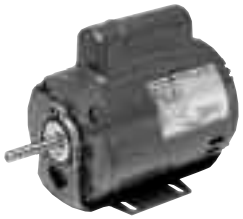
D2862	-	1/2	208 - 230	1075/1	REV	4.0	3.00	6.50	-

PSC, ball bearing, 7.5@370V capacitor required (MARS No. 12007)

Replaces: 5KCP37PN244BS, MTG3041

FASCO

03041	5KCP37PN244S	1/2	208-230	1075/1	CCW OSE	4.0	2.5	8.3	–

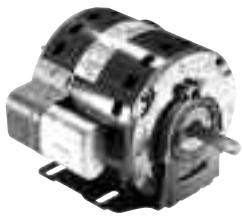


5 1/2 inch diam., shaft end and shell enclosed, resilient base and capacitor included

Replaces: 5KCP37PG244S and 5KCP39PGC054T

GE Commercial Motors
By Regal-Beloit

03128	5KCP39KGC100T	1/4	115/ 208-230	1075/1	CW OSE	3.4/1.7	2.0	6.1	–



5 1/2 inch diam., end shields enclosed, 3 inch resilient base and capacitor included, ball bearing

Replaces: 5KCP35KG144S and 5KCP35KG554S

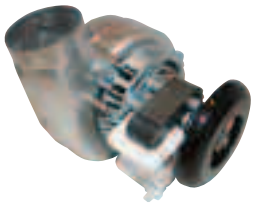
GE Commercial Motors
By Regal-Beloit

One-On-One™ Direct Replacement Motors

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
Kramer/Trenton (con't)										
	09932	253-1194	1/20	115	1550/1	CCW OSE	1.9	2.25	2.75	–
	3.3 inch diam., open, 5/16 inch shaft, shaded pole with Lyall plug									
	Replaces: A.O Smith 1101; Fasco D1101; Larkin 253-1194; Magnetek 574									
	09933	253-1195	1/20	208-230	1550/1	CCW OSE	1.3	2.25	5.0	–
	3.3 inch diam., open, 5/16 inch shaft, shaded pole with Lyall plug									
	Replaces: A.O. Smith 1103; Fasco D1103; Larkin 253-1195; Magnetek 575									
Larkin Coil										
	D1101	-	1/20	115	1500/1	CCW SE	1.9	2.25	2.75	-
	Shaded pole, sleeve bearing, 5/16 inch dia. shaft, special low temp oil (-40°F)									
	Replaces: Larkin No. 253-1194, Fasco No. 7163-2113									
	D1103	-	1/20	208 - 230	1500/1	CCW SE	1.15	2.25	3.00	-
	Shaded pole, sleeve bearing, 5/16 inch dia. shaft, special low temp oil (-40°F), not a direct replacement for 253-1194, but is an acceptable substitute									
	Replaces: Fasco No. 7163-3371, 252-1195									
	D863	-	1/2	208 - 230	1075/1	REV	4.0	3.00	6.75	-
	PSC, ball bearing, 7.5@370V capacitor required (MARS No. 12007)									
	Replaces: SCS0500HI-CPM120-3, 5KCP39PGH728T									
Lear Siegler										
	D1046	-	1/8	115	1050/1	CW SE	5.1	2.25	3.00	-
	Shaded pole, sleeve bearing									
	Replaces: 305313-000-165, 7151-0073, 7151-2826									

One-On-One™ Direct Replacement Motors

Lennox

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
	A068	-	1/60	120	3000/1	CCW SE	1.15	-	-	-
	C-frame, shaded pole, ball bearing									
	Replaces: 88K8401, J238-8171									
	A138	-	-	120	3000/1	CCW SE	0.7	-	-	-
	Shaded pole									
	Replaces: Lennox, 7021-8657, 7021-8825									
	A135	-	-	120	3000/1	CCW SE	0.7	-	-	-
	Shaded pole									
	Replaces: Lennox, 7021-8812, 7021-8819									
	A163	-	-	115	3400/1	CCW SE	1.8	-	-	-
	Shaded pole									
	Replaces: Lennox, 7021-9450									
	A164	-	-	120	3400/1	CCW SE	0.8	-	-	-
	Shaded pole									
	Replaces: Lennox, 7021-9593									
	A200	-	1/30	115	3000/1	CCW SE	2.0	-	-	-
	Shaded pole, sleeve bearing									
	Replaces: 7002-2975, 31L5501									

One-On-One™ Direct Replacement Motors

Lennox (con't)

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
A201	-	1/30	208-230	3000/1	CCW SE	0.7	-	-	-
Shaded pole, ball bearing									
Replaces: 7021-10055, 41144-002									
A202	-	1/30	115	3400/1	CCW SE	1.8	-	-	-
Shaded pole, ball bearing									
Replaces: 7021-10602, 45037-001									
A203	-	1/20	115	3400/1	CCW SE	1.8	-	-	-
Shaded pole, ball bearing									
Replaces: 7021-10841, 49L5301									
A204	-	1/20	115	3400/1	CCW SE	1.8	-	-	-
Shaded pole, ball bearing									
Replaces: 7021-11406, 83L4101									
A205	-	1/20	120	3000/1	CCW SE	0.7	-	-	-
Shaded pole, sleeve bearing									
Replaces: 7021-8372, T6-2118									
A206	-	1/25	115	3000/1	CW SE	1.5	-	-	-
Shaded pole, sleeve bearing									
Replaces: 7021-8473, 65204100/20J8901									

Lennox (con't)

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
A207	-	1/28	115	3000/1	CCW SE	1.8	-	-	-
Shaded pole, ball bearing									
Replaces: 7058-0217, 60M7901									
A208	-	1/28	115	3000/1	CCW SE	1.8	-	-	-
Shaded pole, ball bearing									
Replaces: 7058-0322, 60M8101									
A209	-	1/20	115	3200/ 2800/2	CCW SE	0.8	-	-	-
PSC, ball bearing									
Replaces: 7062-5441, 38M5001									
A210	-	1/30	115	3000/2	CCW SE	1.7	-	-	-
Shaded pole, ball bearing									
Replaces: 7021-11063, 18M6701									
A211	-	1/15	115	3400/1	CCW SE	2.4	-	-	-
Shaded pole, ball bearing									
Replaces: 7021-11634, 81M1601									
A213	-	1/25	115	3200/2	CCW SE	2.1	-	-	-
Shaded pole, ball bearing									
Replaces: 7021-10376, 18L0401									

One-On-One™ Direct Replacement Motors

Lennox (con't)

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
	A216	-	1/25	115	3200/2	CCW SE	2.1	-	-	-
	Shaded pole, ball bearing									
	Replaces: 7021-10915, 60L1401									
	A217	-	1/16	230	3000/1	CCW SE	.83	-	-	-
	Shaded pole, ball bearing									
	Replaces: 7021-11231, 25M5501									
	A218	-	1/28	220-240	3000/1	CCW SE	.60/.52	-	-	-
	Shaded pole, ball bearing									
	Replaces: 7021-10676, 39L4201, 7021-8959, 60J4201									
	A219	-	1/65	120	3000/1	CCW SE	0.7	-	-	-
	Shaded pole, sleeve bearing									
	Replaces: 7021-9262, 88J3901									
	A320	-	1/60	115	3000/1	CCW SE	0.8	-	-	-
	Shaded pole, sleeve bearing									
	Replaces: 7021-9646, 101154-01, 7021-9466									
	A322	-	1/70	120	3000/2	CCW SE	1.1	-	-	-
	Shaded pole, sleeve bearing									
	Replaces: 7021-9884, 83L8201									

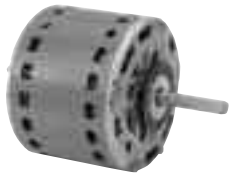
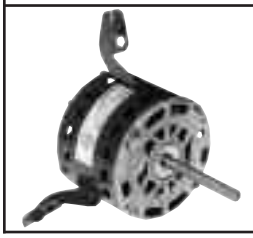
Lennox (con't)

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
	A324	-	1/12	208-230	3200/1	CW SE	0.5	-	-	-
	PSC, ball bearing									
	Replaces: 7062-1909, 28G6601, 7062-1794									
	A325	-	1/10	208-230	3200/1	CW SE	0.6	-	-	-
	PSC, ball bearing									
	Replaces: 7062-2845, 7062-4751, 98G8701									
	A329	-	1/12	208-230	3200/1	CW SE	0.5	-	-	-
	PSC, ball bearing									
	Replaces: 7062-4819, 19L1501									
	A330	-	1/12	208-230	3200/1	CW SE	.55	-	-	-
	PSC, ball bearing									
	Replaces: 7062-5546, 7062-4517, 7062-4608, 7062-4083, 69M3301									
	A331	-	1/10	460	3200/1	CW SE	.38/.33	-	-	-
	PSC, ball bearing									
	Replaces: 7062-5554, 69M3201, 7062-4051, 7062-4518, 97J8101									
	D1198	-	1/30	115	3200/1	CCW SE	1.5	2.25	3.12	-
	Shaded pole, sleeve bearing, stainless steel shaft, 5/16 inch dia. shaft									
	Replaces: 7121-8774									

One-On-One™ Direct Replacement Motors

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
Lennox (con't)										
	D812	-	1/3 - 1/4 - 1/6 - 1/8	115	1075/4	CW SE	6.1 - 3.2 - 2.2 - 1.6	3.12	4.25	-
	PSC, sleeve bearing									
	Replaces: P-8-7505									
	D816	-	1/3	208 - 230	1075/1	CW SE	2.2	3.75	4.00	-
	PSC, sleeve bearing									
	Replaces: P-8-8041-A3048, 5KCP39HG0766T									
	D818	-	1/3 - 1/5 - 1/6	115	825/3	CW SE	7.3 - 5.1 - 3.9	3.00	6.75	-
	PSC, sleeve bearing, 12.5@370V capacitor required (MARS No. 12009)									
	Replaces: P-8-8325, 5KCP39PGD698S									
	D2817	-	1/3	230	825/1	REV	3.2	6.00	5.75	-
	PSC, sleeve bearing									
	Replaces: 5KCP39PG9701S, 5KCP39PG34P0AS									
	D2814	-	1/2	230	1050/1	CW SE	2.6	3.25	5.75	-
	PSC, ball bearing, 5@370V capacitor required (MARS No. 12005)									
	Replaces: P-8-5770									
	D813	-	3/4 - 1/2 - 1/3	230	1075/3	DS	5.9 - 3 - 2.4	5.25	6.00	6.50
	PSC, sleeve bearing, 5/8 inch dia. shaft, 10@370V capacitor required (MARS No. 12008)									
	Replaces: 31C8201, K55HXRYT-8180, K63BHXHW-1158, 5KCP49NG1009, 5KCP35SN49S, P-8-6426									

Lennox (con't)

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D2818	-	3/4 - 1/3	230	1075/2	REV	5 - 2.2	4.50	7.75	-
PSC, ball bearing, 5/8 inch dia. keyed shaft, 15@370V capacitor required (MARS No. 12010), not a direct replacement for 5KCP49SG1010S, but is an acceptable substitute									
Replaces: P-8-8711, 5KCP49SG1010S									
D2816	-	1 - 1/2 - 1/3	115	1075/3	REV	11.8 - 6.3 - 3.9	4.00	7.75	-
PSC, ball bearing, 5/8 inch dia. shaft, 20@370V capacitor required (MARS No. 12014)									
Replaces: P-8-8326, 5KCP49SG1053S									
02745	5KSP29KK7537S	1/5	115	1050/3	CCW OSE	7.6	2.5	4.75	–
5 inch diam., open, resilient									
Replaces: GE 5KSP29KK1542S; Lennox P-8-9662									
03050	5KCP39PG9701S	1/3	230	825/1	CCW OSE	3.2	3.0	6.8	–
5 1/2 inch diam., open 2 1/2 inch resilient rings, 4 MFD @ 370V capacitor required (MARS No. 12004)									
Replaces: 5KCP39PG3490S; Fasco D2017, D2817; Johnstone S-87-957; Lennox P8-9080;Marathon X209; Universal 117									
									
03082	5KCP39HGK018T	1/3	115	1075/4	CCW OSE	6.0	2.5	5.3	–
5 1/2 inch diam., open 2 1/2 inch resilient rings, 5 MFD @ 370V capacitor required (MARS No. 12005)									
Replaces: 5KCP39HG9174S, 5K55HXENB8874; GE Stock No. 3082; Fasco 71206-0107, D812; Johnstone 388-257; Lennox P-8-7505; Marathon 48A 11650; Universal 565									
									
03144	5KCP39HGT584S	1/3	115	1075/4	CCW OSE	6.1	4.0	4.25	–
5 1/2 inch diam., open, torsion flex mounting, 5 MFD @ 370V capacitor required (MARS No. 12005), terminal block									
Replaces: GE 5KCP39HGP580S; Lennox 45H3101									

One-On-One™ Direct Replacement Motors

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C

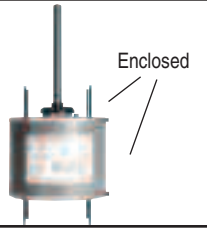
Lennox (con't)

03275	5KCP39PGS511S	3/4	115	1075/5	CCW OSE	9.0	2.5	5.48	–

5 1/2 inch diam., open, resilient rings, sleeve bearing, 40 MFD @ 370V capacitor required (MARS No.12021)

Replaces: GE 5KCP39PGD852S

GE Commercial Motors By Regal-Beloit

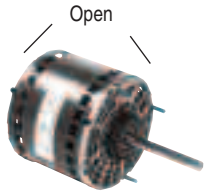


X411	048A11T2008	1/6	208-230	1075/1	CCW/CW OSE	1.3	6.00	3.75	-

48Y frame, totally enclosed, ball bearings, 3@370V capacitor required (MARS No. 12003)

Replaces: Lennox 47F9901, Magnetek 9402, Marathon 048A11T300, 048A11T247
List Price $141, Mult. Symbol F1

marathon electric

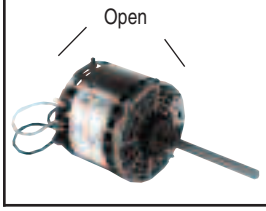


X209	048A8O183	1/3	230	825/1	REV	3.0	5.50	5.75	-

48Y frame, open air over, ball bearings, 1" thru bolts shaft end, designed for 50HZ operation, 5@370V capacitor required (MARS No.12005)

Replaces: FASCO D2817, GE 5KCP39PG9701S
List Price $177, Mult. Symbol F1

marathon electric



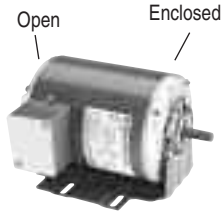
X236	048A11O699	1/3	115	1075/4	REV	6.4	6.00	4.75	-

48Y frame, open air over, resilient ring mount, ball bearings, no thru-bolts shaft end, 5@370V capacitor required (MARS #12005)

Replaces: Lennox P-8-7505, Magnetek 565, AOS OLE1036, FASCO D812
List Price $161, Mult. Symbol F1

marathon electric

Liebert



X259	056T11O15	1/3	208-230/460	1140	–	1.9-1.8/.9	1.50	10.06	-

48Y frame, three phase, resilient base, ball bearings

Replaces: GE 5K36PN294S
List Price $232, Mult. Symbol F1

marathon electric

Lomanco

D1008	-	1/10	115	1500/1	CW SE	4.4	1.75	3.00	-

Shaded pole, sleeve bearing

Replaces: OLM6151, 322P151

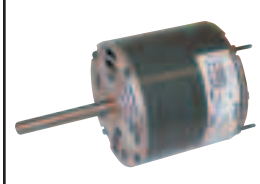
FASCO

One-On-One™ Direct Replacement Motors

Loren Cook

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
	D1100	-	1/50	115	1550/ 900/2	CW SE	1.2/.7	2.38	2.88	-
	Shaded pole, sleeve bearing, 5/16 inch dia. shaft									
	Replaces: 7173-1580, GC/GN 142/144									
	D1104	-	1/50	115	1550/1	DS	0.9	2.90	3.00	2.90
	Shaded pole, sleeve bearing, 5/16 inch dia. shaft									
	Replaces: 7163-6714, 5-10									
	D1117	-	1/65	115	1590/1	CW SE	0.6	2.25	2.88	-
	Shaded pole, sleeve bearing, 5/16 inch dia. shaft									
	Replaces: 7163-7818, 615049, GC140									

Magic Chef

	D1091	-	1/4	208 - 230	1075/1	CCW SE	2.2	2.75	4.50	-
	PSC, sleeve bearing									
	Replaces: 35035B001, 322P859, DE3L038									
	A081	-	80CFM	230	3000/1	CCW SE	0.5	-	-	-
	Shaded pole, ball bearing, stainless steel shaft, replacement for Aircase									
	Replaces: HWC Series Unit, 35035B001, 322P859, DE3L038									
	02955	5KCP29HG8964S	1/5	208-230	1075	CW LE	1.6	3.71	4.51	.50
	5 inch diam. condenser fan motor, ball bearing, run capacitor (5 MFD/370V), vertical shaft down									
	Replaces: AO Smith OMC 6517									

ONE-ON-ONE

One-On-One™ Direct Replacement Motors

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C

Mathiesen

K161	-	1/50	115	3000/1	CCW SE	1.05	1.21	-	-
Shaded pole, sleeve bearing, .217 inch dia. shaft									
Replaces: Many Freezer Case Applications									

McMillan

D177	-	1/10 - 1/20	115	1050/2	CCW SE	3.9 - 1.7	3.62	2.62	-
Shaded pole, sleeve bearing, 3/8 inch dia. shaft									
Replaces: 6152-366/6									

McQuay

D1144	-	1/25 - 1/35 - 1/65	115	1200/3	CW SE	1.1 - .9 - .6	5.38	4.75	-
Shaded pole, sleeve bearing, 3/8 inch dia. shaft, 4@370V capacitor required (MARS No. 12004)									
Replaces: BA2H015									

D1142	-	1/15	115 / 230	1500/1	CW SE	1.7 - .9	2.50	3.50	-
Shaded pole, sleeve bearing, 5/16 inch dia. shaft, bolt circle=3.15"									
Replaces: 879-382-562-ZB-00									

D1140	-	1/10 - 1/12 - 1/15	115	1500/3	DS	2.2 - 2 - 1.7	5.63	4.75	5.63
PSC, sleeve bearing, 3/8 inch dia. shaft, 7.5@370V capacitor required (MARS No. 12007)									
Replaces: 879-382564B-00									

D1141	-	1/15 - 1/25 - 1/5	115	1000/3	DS	1.3-1.1-0.9	5.63	4.75	5.63
PSC, sleeve bearing, 3/8 inch dia. shaft, 4@370V capacitor required (MARS No. 12004)									
Replaces: 879-382563B-00									

McQuay (con't)

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D915	-	3/4 - 1/2	460	1075/2	REV	2.5 - 1.6	4.50	5.33	-

PSC, ball bearing, 5/8 inch dia. shaft, 15@370V capacitor required (MARS # 12010), not a direct replacement for 253-1194, but is an acceptable substitute

Replaces: F2417-121479, Marathon EWB48A110558AE

FASCO

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
09934	879-382562B-00	1/15	115/230	1550/1	CW OSE	2.35/1.16	2.5	3.5	–

3.3 inch diam., open, shaded pole, wiring harness and conductor box

Replaces: AO Smith A0142; Fasco D1142; Magnetek 342; McQuay 879-382562B-00, BA2H015

MARS

Miami/Carey

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D534	-	1/35 - 1/100	115	1500/1	CW SE	1.4 - .5	1.00	2.50	-

Shaded pole, sleeve bearing, 1/4 inch dia. shaft

Replaces: 12324L

FASCO

Miller

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D1082	-	1/8	115	1070/1	CW SE	6.0	3.25	4.00	-

Shaded pole, ball bearing

Replaces: MILLER 103080002, FASCO 7152-0020, U.E.; DA3F130N

FASCO

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
S156	-	1/60	115	1050/1	CW SE	6.6	3.88	3.50	-

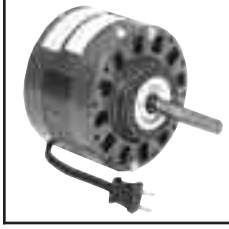
Shaded pole, sleeve bearing

Replaces: MMG Series 80 & 100, MOC Series 80 & 100, CFM Series 80 & 100

FASCO

Miller Furnace

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
10814	10814	1/7	115	1050/1	CW OSE	4.7	3.0	4.0	–

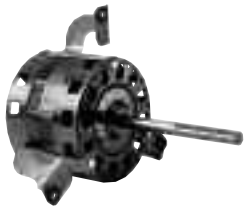


5 inch diam., open, shaded pole, resilient rings, line cord and plug

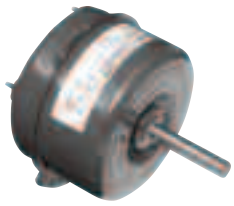
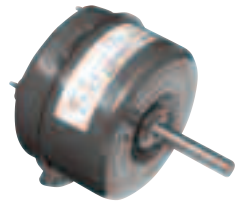
Replaces: Miller, Coleman, and other mobile home furnace blower motors and unit heater motors; Universal Electric 326; Westinghouse 322P260, AO Smith 326P107, OML6418

MARS

One-On-One™ Direct Replacement Motors

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
Miller Furnace (con't)										
	**10815**	10815	1/5	115	1050/1	CCW OSE	4.0	3.5	4.4	–
	5 inch diam., 3 mounting arms with grommet and bushings									
	Replaces: Trane/GE applications WW94X036, WW94X236, WW94X237, WW94X381; small condenser fan motor replaces WWG4M168; AO Smith 326P155, OML6433									
Nordyne										
	A131	-	-	115	3000/1	CW SE	1.1	-	-	-
	Shaded pole									
	Replaces: 7021-9132, 7021-10171, 7021-10159, 7021-9661									
	A132	-	1/50	115	3000/1	CW SE	1.1	-	-	-
	Shaded pole, sleeve bearing									
	Replaces: 7021-7975, 6212850									
	A121	-	1/45	240	3000/1	CW SE	0.5	-	-	-
	Shaded pole, sleeve bearing									
	Replaces: 7021-10381, 6217930									
	A122	-	1/17	115	3000/1	CW SE	1.8	-	-	-
	Shaded pole, sleeve bearing									
	Replaces: 7021-11227, 6219490									
	A123	-	1/18	115	3300/1	CW SE	2.0	-	-	-
	Shaded pole, ball bearing									
	Replaces: 7021-11385, 622064									

Nordyne (con't)

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
A124	-	1/15	115	3000/1	CW SE	1.8	-	-	-
Shaded pole, sleeve bearing									
Replaces: 7021-11379, 6219290									
A126	-	1/45	115	3000/1	CW SE	1.8	-	-	-
Shaded pole, ball bearing									
Replaces: 7002-3158, 6219500									
									
02251	5KCP29FCA322S	1/8	208-230	1075/1	CW OSE	1.1	2.25	3.85	-
5 inch diam., totally enclosed, 41" leads, capacitor required 5 MFD @ 370 (MARS No. 12005)									
Replaces: NORDYNE									
									
02987	5KCP29CCA428S	1/10	208-230	1100/1	CW OSE	0.67	1.56	3.36	–
5 inch diam., CAC, totally enclosed, 5 MFD @370V capacitor required (MARS No.12005)									
Replaces: 5KCP29CCA341S									
03247	5KCP39HGY931S	1/3	115	1075/3	CCW OSE	6.00	4.00	4.23	–
5 1/2 inch diam., furnace, 5 MFD @370V capacitor required (MARS No.12005), torsion flex mount									
Replaces: 5KCP39HGR025S									

Nutone

K109	-	1/75	115	3000/1	CCW SE	0.9	2.37	-	-
C-frame, shaded pole, sleeve bearing, .217 inch dia. shaft									
Replaces: C-68626, C-68627, 9425F, 9415F, Vent. 9424FA, 9415FA Fan									

One-On-One™ Direct Replacement Motors

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
Nutone (con't)										
	K111	-	1/120	115	3000/1	CCW SE	1.1	1.94	-	-
	C-frame, shaded pole, sleeve bearing, .217 inch dia. shaft									
	Replaces: 65878, Vent fan									
	K112	-	1/50	115	3000/2	CW SE	1 - .5	1.46	-	-
	C-frame, shaded pole, sleeve bearing, .217 inch dia. shaft									
	Replaces: 52367, Range hood									
	K113	-	1/70	115	3000/1	CCW SE	1.2	1.15	-	-
	C-frame, shaded pole, sleeve bearing, .217 inch dia. shaft									
	Replaces: 63675, 9605-N, 9665-N Vent fan									
	D540	-	1/100	115	1500/1	CW SE	0.6	2.25	2.12	-
	Shaded pole, sleeve bearing, 1/4 inch dia. shaft									
	Replaces: Bathroom and Kitchen Vents									
	D541	-	1/100	115	1500/1	CCW SE	0.6	2.25	2.12	-
	Shaded pole, sleeve bearing, 1/4 inch dia. shaft									
	Replaces: 26750 Bathroom and Kitchen Vents									
	D1109	-	1/100	115	1500/1	CCW SE	.65	1.25	2.06	-
	Shaded pole, sleeve bearing, 1/4 inch dia. shaft									
	Replaces: 23405, 23388									

One-On-One™ Direct Replacement Motors

Nutone (con't)

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D1106	-	1/50-1/100	115	3000/2	CW SE	.9 - .5	1.19	2.56	-

Shaded pole, sleeve bearing, 1/4 inch dia. shaft

Replaces: 26733, Range Hood Fan Motors

FASCO

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D1107	-	1/10	115	1550/1	CCW SE	3.2	1.38	4.00	-

Shaded pole, ball bearing, 5/16 inch dia. shaft

Replaces: Nutone 67176, 32997, UE-JA2S034N, JB2K016N

FASCO

Patton

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D824	-	1/4 - 1/8	115	1100/2	REV	3.2 - 2.4	3.50	5.75	-

PSC, ball bearing, 4@370V capacitor required (MARS No. 12004)

Replaces: 7126-0485, 7126-0922

FASCO

Penn Ventilator

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D342	-	1/15	115	1050/1	CW SE	2.3	2.50	2.62	-

Shaded pole, sleeve bearing, mounts on (3) P/N 0061-1518 Coleman mounts, 3/8 inch dia. shaft

Replaces: 7151-3081, 7151-3565

FASCO

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D1036	-	1/20	115	1050/1	CW SE	1.95	2.12	2.38	-

Shaded pole, sleeve bearing, 3/8 inch dia. shaft

Replaces: 7151-2139 ROOF TOP VENT Z8

FASCO

PMI Food Equipment/Valcun Hart

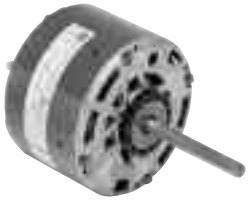
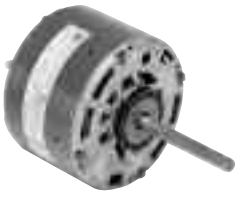
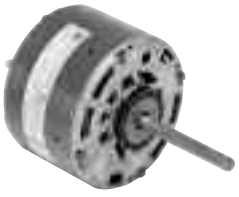
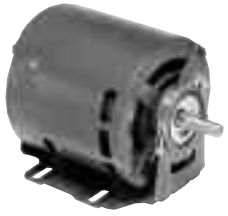
MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
A142	-	-	115	3450/1	CW SE	0.7	-	-	-

PSC, 4@370V capacitor required (MARS No. 12004)

Replaces: 7062-2513, 416673-00003

FASCO

One-On-One™ Direct Replacement Motors

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
Prestcold										
	03026	5KCP39PGC070T	1/3	208-230	825/1	REV	2.2	6.0	6.0	–
	5 1/2 inch diam., shell and shaft end enclosed, strap or thru bolt mount, 10 MFD @ 370V capacitor required (MARS No. 12008)									
	Replaces: Prestcold No. 401-0048-01									
	**03251**	5KCP39DG3304T	1/6	115	1075/1	CCW OSE	2.3	4.0	4.3	–
	5 1/2 inch diam., open 2 1/4 inch resilient rings, 5 MFD @ 370V capacitor required (MARS No. 12005)									
	Replaces: Prestcold No. 401-0037-01									
	**03252**	5KCP39CGT945S	1/6	208-230	1075/1	CCW OSE	.9	4.0	4.3	–
	5 1/2 inch diam., open 2 1/4 inch resilient rings, 5 MFD @ 370V capacitor required (MARS No. 12005)									
	Replaces: Prestcold No. 401-0039-01									
	**03272**	5KCP39FGT946S	1/4	208-230	1075/1	CCW OSE	1.5	4.0	4.5	–
	5 1/2 inch diam., open 2 1/4 inch resilient rings, 5 MFD @ 370V capacitor required (MARS No. 12005)									
	Replaces: Prestcold No. 401-0043-01									
	**04306✪**	5KH39QN5537X	1/4	230	1725/1	REV	2.5	1.5	6.4	–
	5 1/2 inch diam., open 3 inch resilient base included, 1.35 SF, split phase									
	Replaces: Prestcold No. 401-0044-01,GE 5XBG019 ✪Upon depletion of stock on this item, Marathon No. 4306 will be substituted.									
	05811	5KSM81HFL3004T	16W	115	1550/1	CW OSE	1.1	.5	3.5	–
	3 1/2 inch diam., enclosed, 3 tapped holes or side pad mount, shaded pole, 1/4 inch threaded shaft									
	Replaces: Prestcold No. 401-0032-01									

Prestcold (con't)

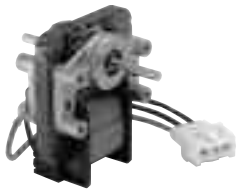
MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
05821	5KSM81HFL3006T	16W	230	1550/1	CW OSE	.55	.5	3.5	–

3 1/2 inch diam., enclosed 3 tapped holes or side pad, shaded pole, 1/4 inch threaded shaft

Replaces: Prestcold No, 401-0033-01

Revco

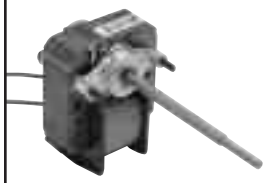
90964	301-6374	–	110/120	2400	CW OSE	.30/.27	.75	.33	1.0



C-Frame ball bearing evaporator fan motor with mounting bracket and wiring harness, .1815 shaft dia.

Replaces: Revco 33230H01

90967	301-6472	1/70	115	3000	CW OSE	.80	1.00	.88	–



C-Frame ball bearing motor, .1875 shaft dia.; with machined shaft

Replaces:

90969	903-2329	18W	115	3000	CCW OSE	.25	–	.65	–

Fan tubaxial motor resilient thrust washer construction

Replaces: Revco 88789H01

Reznor

D461	-	1/8	480	3200/1	CCW SE	.32	3.33	4.25	-

PSC, sleeve bearing, 5/16 inch dia. shaft

Replaces: 7162-0396

Rheem

03149	5KCP39FGT318S	1/3	460	1075/1	REV	0.9	3.75	4.48	–

5 1/2 inch diam., totally enclosed, sleeve bearing, 5 MFD @ 370V capacitor required (MARS No. 12005), thru bolt or shell mount

Replaces: Rheem 51-23063-11

One-On-One™ Direct Replacement Motors

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
Rheem (con't)										
	03153	5KCP39CGN330T	1/5	208-230	1075/1	CCW OSE	1.7	3.75	3.73	–
	5 1/2 inch diam., totally enclosed thru bolts out lead end, 3 MFD @ 370V capacitor required (MARS No. 12003)									
	Replaces: Rheem 51-20672-01, 51-20673-01, 51-20674-01, 51-20675-01, 51-20679-01, 51-20679-11, 51-20680-01, 51-20681-01, 51-20682-01, Packard 82680; Universal 442; GE 5KCP39CGE717S, 5KCP39CGK787S; AO Smith ORM1016, F48SD6L12; Franklin 873-5660-271, 873-5660-301, 80672; Emerson K136 GE Commercial Motors By Regal-Beloit									
	03154	5KCP39FGN329T	1/3	208-230	1075/1	CCW OSE	1.8	3.75	3.98	–
	5 1/2 inch diam., totally enclosed thru bolts out lead end, 5 MFD @ 370V capacitor required (MARS No. 12005)									
	Replaces: GE 5KCP39FGK786S, 5KCP39GGE879S; Rheem 51-20687-01, 51-20688-01, 51-20689-01 51-20690-01, 51-21185-01, 51-21185-11; Packard 82688; AO Smith ORM 1036, F48SJ6L11; Universal 444 Emerson K591 GE Commercial Motors By Regal-Beloit									
	03155	5KCP39GGN333T	1/8	208-230	825/1	CCW OSE	1.2	3.75	4.23	–
	5 1/2 inch diam., totally enclosed, thru bolt out lead, 5 MFD @ 370V capacitor required (MARS No. 12005)									
	Replaces: Rheem 51-20760-01, 51-20160-02, 51-20160-11, 51-20163-01, 51-21276-01, 51-41404-01; GE 5KCP39GGD121S, 5KCP39GGK789S; Emerson K9735, K55MFG-6350; Packard 70525; AO Smith ORM1008, F48SG8LZ, Universal 542 GE Commercial Motors By Regal-Beloit									
	03220	5KCP39CGP088S	1/5	208-230	1075/1	CCW OSE	1.0	4.0	4.1	–
	5 inch diam., totally enclosed, shell mounting screws, 3 MFD @ 370V capacitor required (MARS No. 12003) sleeve bearing									
	Replaces: 5KCP39CGN409S, 5KCP39CGK082S; Rheem 51-21853-82 GE Commercial Motors By Regal-Beloit									
	03221	5KCP39FGP087S	1/3	208-230	1075/1	CCW OSE	2.0	4.0	4.4	–
	5 1/2 inch diam., totally enclosed, shell mounting screws, 5 MFD @ 370V capacitor required (MARS No. 12005), sleeve bearing									
	Replaces: 5KCP39FGN407S, 5KCP39FGK074S, Rheem 51-21853-83 GE Commercial Motors By Regal-Beloit									
	03222	5KCP39BGT944S	1/6	208-230	1075/1	CCW OSE	.09	3.3	4.4	–
	5 1/2 inch diam., totally enclosed, shell mounting screws, 3 MFD @ 370V capacitor required (MARS No. 12003), sleeve bearing									
	Replaces: GE 5KCP39BGN253S GE Commercial Motors By Regal-Beloit									

One-On-One™ Direct Replacement Motors

Rheem (con't)

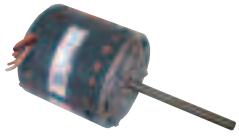
MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
03245	5KCP39GGY929S	1/3	208-230	1075/1	CCW OSE	1.50	2.00	4.48	–

5 1/2 inch diam., totally enclosed condenser, shell mounting screws, 15 MFD @370V capacitor required (MARS No. 12005)

Replaces: 5KCP39GGS325S

GE Commercial Motors By Regal-Beloit

03246	5KCP39NGY930S	1/3	208/230	900/2	CCW OSE	3.20	2.00	5.23	–

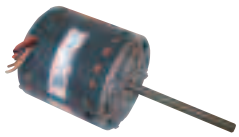


5 1/2 inch diam., air handler, shell mounting screws, 15 MFD @370V capacitor required (MARS No.12010)

Replaces: 5KCP39NGV413AS

GE Commercial Motors By Regal-Beloit

03903	5KCP39RGY787S	3/4-1/4	115	1075/4	REV	11.50	6.00	5.73	.50



5 1/2 inch diam., multi-horse power direct drive blower motor, sleeve bearing, run capacitor (15 MFD/370V)

Replaces: Fasco D724

GE Commercial Motors By Regal-Beloit

Rheem/Ruud

D459	-	1/15	230 / 460	3000/1	CW SE	1.2 - .6	3.00	7.00	-

Shaded pole, ball bearing, 1/4 inch dia. shaft

Replaces: HC24AU725A, JB1P044, AB1S078, JB1R039, AB1S029, S88-556

FASCO

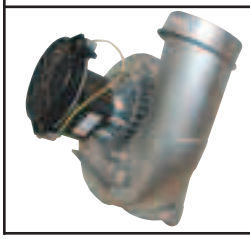
A142	-	-	115	3450/1	CW SE	0.7	-	-	-

PSC, 4@370V capacitor included

Replaces: RHEEM, 7062-1881

FASCO

A066	-	1/30	120	3000/1	CW SE	1.27	-	-	-



Shaded pole, ball bearing

Replaces: 70-24157-03, 117847-00

FASCO

One-On-One™ Direct Replacement Motors

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
Rheem/Ruud (con't)										
	A240	-	1/50	115	3000/1	CCW SE	1.1	-	-	-
	Shaded pole, sleeve bearing									
	Replaces: 7021-8183, 70-21496-83									
	A241	-	1/25	208-230	3200/1	CW SE	0.6	-	-	-
	Shaded pole, sleeve bearing									
	Replaces: 7021-9567, 70-23641-81									
	A242	-	1/50	115	3400/1	CW SE	1.4	-	-	-
	Shaded pole, sleeve bearing									
	Replaces: 7021-7150, 70-22436-01									
	A243	-	1/50	115	3400/1	CW SE	1.4	-	-	-
	Shaded pole, sleeve bearing									
	Replaces: 7021-7790, 70-22436-02									
	A244	-	1/20	208-230	3300/1	CCW SE	0.9	-	-	-
	Shaded pole, ball bearing									
	Replaces: 7021-6967, 70-42241-01									
	A245	-	1/15	208-230	3000/1	CW SE	.95/.85	-	-	-
	Shaded pole, ball bearing									
	Replaces: 7021-7490, 70-42278-02									

Rheem/Ruud (con't)

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
A246	-	1/20	115	3400/ 2400/2	CW SE	0.9	-	-	-
PSC, ball bearing									
Replaces: 7062-3925, 70-24206-01									
A247	-	1/40	115	3250/ 2800/2	CW SE	1.0	-	-	-
PSC, sleeve bearing									
Replaces: 7062-5519									
D724	-	3/4 - 1/2 - 1/3 - 1/4	115	1075/4	REV	9.5 - 7.2 - 5.6 - 3.5	6.00	5.75	-
PSC, sleeve bearing, 15@370V capacitor required (MARS No. 12010), has 8 drilled and tapped holes in shell									
Replaces: VARIOUS									
D806	-	1/2 - 1/3 - 1/4 - 1/5	115	1075/4	REV	7.3	3.75	4.75	-
PSC, sleeve bearing, has 8 drilled and tapped holes in shell									
Replaces: 51-23012-41									
D2800	-	1/2	208/230	1075/1	REV	2.9	5.00	5.00	-
PSC, sleeve bearing, has 4 drilled and tapped holes in shell									
Replaces: K55HXMYC-4445, 51-23052-11									
D2834	-	1/3	208/230	1075/1	CW SE	2.0	4.25	4.00	-
PSC, sleeve bearing, has 4 drilled and tapped holes in shell									
Replaces: 51-21853-83									

One-On-One™ Direct Replacement Motors

Rheem/Ruud (con't)

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D2840	-	1/5	208/230	1075/1	CW SE	1.3	4.12	3.75	-

PSC, sleeve bearing, has 4 drilled and tapped holes in shell

Replaces: 51-21853-82

FASCO

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D2842	-	1/6	208/230	825/1	CW SE	1.2	4.25	4.00	-

PSC, sleeve bearing, has 4 drilled and tapped holes in shell

Replaces: 51-20760-11

FASCO

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D832	-	1/8	208 - 230	825/1	REV	1.1	4.75	4.00	-

PSC, sleeve bearing, has 4 drilled and tapped holes in shell

Replaces: 21276-02, 21276-01, 512076-01

FASCO

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D2844	-	1/10	208/230	825/1	CW SE	0.8	4.25	3.75	-

PSC, sleeve bearing, 3@370V capacitor required (MARS No. 12003), has 4 drilled and tapped holes in shell

Replaces: 51-20761-11

FASCO

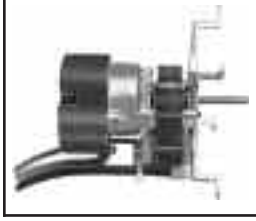
MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D459	-	1/15	230 / 460	3000/1	CW SE	1.2 - .6	3.00	7.00	-

Shaded pole, ball bearing, 1/4 inch dia. shaft

Replaces: HC24AU725A, JB1P044, AB1S078, JB1R039, AB1S029, S88-556

FASCO

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
K628	-	1/200	208 - 230	3000/1	CW SE	.25	1.50	5.00	-



Shaded pole, sleeve bearing, 1/4 inch dia. shaft

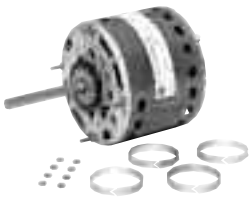
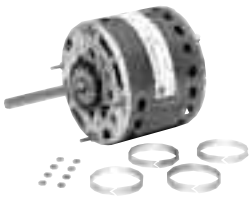
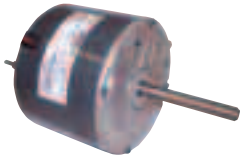
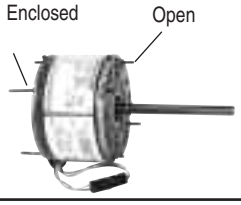
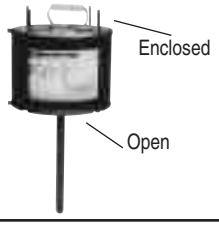
Replaces: 51-21964-01, 7102-0628

FASCO

Rheem/Ruud (con't)

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
	A079	-	79CFM	115	3000/1	CCW SE	1.1	-	-	-
	Shaded pole									
	Replaces: 74-70-21504-03-04, 74-70-21496-03-01, JAIM106, JAIM137, 7021-5615									
	A086	-	86CFM	115	3200/1	CW SE	1.3	-	-	-
	Shaded pole									
	Replaces: 7021-5990									
	A090	-	90CFM	115	3000/1	CW SE	1.1	-	-	-
	Shaded pole									
	Replaces: RHEEM 70-21496-01, 7021-5239, JAIM102									
	A136	-	-	115	3450/1	CW SE	.75	-	-	-
	PSC, 4@370V capacitor required (MARS # 12004)									
	Replaces: RHEEM, 7062-3861									
	A139	-	-	115	3000/1	CW SE	.95	-	-	-
	Shaded pole									
	Replaces: RHEEM, 7021-7577									
	A142	-	-	115	3450/1	CW SE	0.7	-	-	-
	PSC, 4@370V capacitor included									
	Replaces: RHEEM, 7062-1881									

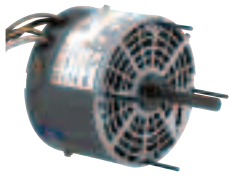
One-On-One™ Direct Replacement Motors

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
Rheem/Ruud (con't)										
	**03463**	5KCP39KGV804AS	Multi	115	1075/4	REV	6.2	5.00	4.73	–
	1/2, 1/3, 1/4, 1/5, 1/6 HP 5 1/2 inch dia., open endshields, sleeve bearing, capacitor required noted on motor label, direct drive blower motor									
	Replaces: Emerson 5460, Rheem 51-23012-41, Global E5460									
	**03464**	5KCP39KGV805AS	Multi	208-230	1075/4	REV	2.7	5.00	4.73	–
	1/2, 1/3, 1/4, 1/5, 1/6 HP 5 1/2 inch dia., open endshields, sleeve bearing, capacitor required noted on motor label, direct drive blower motor									
	Replaces: Emerson 5461, Rheem 51-23022-41, Global E5461									
	03465	5KCP39KGU361AS	Multi	208-230	1075/2	REV	2.6	5.00	4.73	–
	1/3, 1/4, 1/5, 1/6 HP 5 1/2 inch dia., totally enclosed, ball bearing, capacitor required noted on motor label, condenser fan motor									
	Replaces: Emerson 5462, Rheem 51-23053-21, Global E5462									
	**03924**	5KCP39GGY845S	1/3	208-230	1075/1	REV	1.80	3.75	4.31	–
	5 1/2 inch diam., condenser, 5 MFD @ 370V cap required (MARS No. 12005), sleeve bearing, thru bolts mounting									
	Replaces: Marathon X297, 048A11T509									
	**X278**	048A8O206	1/8	208-230	825/1	REV	0.9	4.75	4.25	-
	48Y frame, open partial air over, 1 1/2" thru-bolts shaft end, 1" thru-bolts opposite shaft end, ball bearings, 5@370V capacitor required (MARS No. 12005)									
	Replaces: Rheem 21276-02, 21276-01, 51207-01, FASCO D832 List Price $168, Mult. Symbol F1									
	**X216**	048A11O1097	1/5	208-230	1075/1	REV	1.6	6.00	3.75	-
	48Y frame, open partial air over, 1 1/2" thru-bolts shaft end, 1" thru-bolts opposite shaft end, ball bearings, foot locating set screws on frame 90° apart, 5@370V capacitor required (MARS No. 12005)									
	Replaces: Emerson 5454, Magnetek 619 List Price $124, Mult. Symbol F1									

One-On-One™ Direct Replacement Motors

Rheem/Ruud (con't)

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
X470	048A11O885	1/4	208-230	1075/1	REV	1.6	3.00	3.75	-

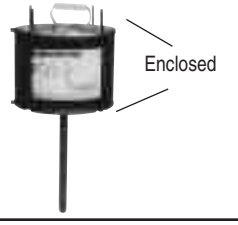


48Y frame, open air over, 1 5/8" thru-bolts shaft end, foot locating set screws on frame 90° apart, ball bearings

Replaces: Rheem/Ruud condenser fans
List Price $130, Mult. Symbol F1

marathon electric

X297	048A11T509	1/3	208-230	1075/1	REV	1.8	3.75	4.25	-

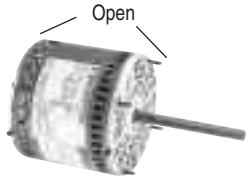


48Y frame, TENV, weep holes with removeable plugs on end brackets (remove bottom plug after installation), 1/2" thru-bolts opposite shaft end, foot locating set screws on frame 90° apart, ball bearings, 5@370V capacitor required (MARS No. 12005)

Replaces: AOS ORM1036, Magnetek 620, FASCO D2834
List Price $131, Mult. Symbol F1

marathon electric

X033	048A11O1674	1/2	115	1075/4	REV	6.1	5.00	5.00	-



48Y frame, 5/8" thru-bolts shaft end, open air over, ball bearings, 10@370V capacitor required (MARS No. 12008)

Replaces: Rheem Time-Savers, Emerson K55HXMDA-4122, Rheem/Ruud 51-23012-41
List Price $135, Mult. Symbol F1

marathon electric

Scherba Ind.

A087	-	1/6	115/230	2400/1	CCW SE	2.8/1.1	-	-	-

PSC, sleeve bearing, 50/60Hz

Replaces: 7062-4687, 7062-3496

FASCO

Sears/Whirlpool

D137	-	1/30 - 1/65	115	1500/1	DS	1 - .7	3.00	2.88	3.00

Shaded pole, sleeve bearing, 5/16 inch dia. shaft

Replaces: Rangehood

FASCO

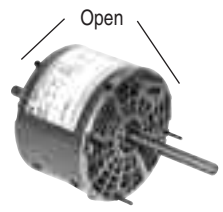
D1111	-	1/18 - 1/30	115	1330/2	CCW SE	2.4 - 1.2	3.12	3.50	2.38

Shaded pole, sleeve bearing, 5/16 inch dia. shaft

Replaces: JA2S094, JA2S110, JA2S121N, A456301, A495601, A495603, 5500 BTU WINDOW A/C; G000519549; G519549

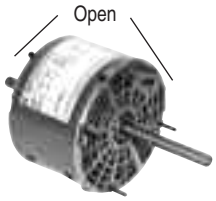
FASCO

One-On-One™ Direct Replacement Motors

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
Sears/Whirlpool (con't)										
	D323	-	1/15 - 1/20 - 1/35	115	1550/3	DS	1 - .8 - .6	2.75	3.75	2.75
	PSC, sleeve bearing, 5/16 inch dia. shaft, 3@370V capacitor required (MARS No. 12003)									
	Replaces: Small Window A/C									
	D325	-	1/10 - 1/30	115	1550/2	CCW SE	2.5 - 2.3	1.75	3.50	2.38
	Shaded pole, sleeve bearing, 5/16 inch dia. shaft, rotation determined by viewing lug end									
	Replaces: Small Window A/C									
	D857	-	1/8 - 1/10 - 1/15	115	1100/3	DS	1.7	3.12	3.50	4.12
	PSC, sleeve bearing									
	Replaces: Window A/C Using Delco, Inside-Outside Motor 485932 KCP39PG9769S									
	D859	-	1/3 - 1/5 - 1/8	230	1100/3	DS	1.7 - 1.5 - 1.3	4.25	4.25	5.25
	PSC, sleeve bearing									
	Replaces: Window A/C using Delco Inside-Outside Motor 485932, KCP39PG9769S									
	D860	-	1/2 - 1/3 - 1/4	230	1075/3	DS	3.2	4.25	5.75	4.38
	PSC, sleeve bearing, 7.5@370V capacitor required (MARS No. 12007)									
	Replaces: Window A/C using Delco Inside-Outside Motor 485932, KCP39PG9769S									
	X215	048A11O1081	1/8	115	1100/3	CCW OSE	1.7	2.75	3.88	4.00
	48Y frame, open air over, single split phase, sleeve bearing, 5@370V capacitor required (MARS NO. 12005), non-stock motor subject to special terms									
	Replaces: Delco inside out window A/C, FASCO D857, AOS OWL1006, Emerson 1142 List Price $135, Mult. Symbol F1									

Sears/Whirlpool (con't)

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
X212	048A11O1065	1/6	230	1100/3	CCW OSE	1.1	2.75	3.88	4.00

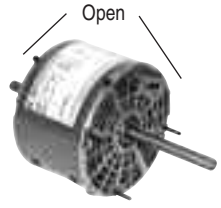


48Y frame, open air over, single split phase, 5@370V capacitor required (MARS NO. 12005), non-stock motor subject to special terms

Replaces: Delco inside out window A/C, FASCO D858 AOS OWR1016
List Price $135, Mult. Symbol F1

marathon electric

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
X200	048A11O1060	1/3	230	1100/3	CCW OSE	1.7	4.00	4.33	6.00

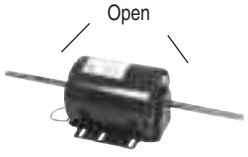


48Y frame, open air over, sleeve bearing, single split phase, 5@370V capacitor required (MARS NO. 12005)

Replaces: Delco inside out window A/C, FASCO D859, Emerson 855, AOS OWR1036
List Price $137, Mult. Symbol F1

marathon electric

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
X218	056A11O5313	3/4	208-230	1075/1	CCW OSE	3.9-3.6	7.00	8.62	7.00



56Z frame, open air over, double shaft extension 1 1/2" long by 1/2" dia. with flat each end, 5/8" dia. shaft, 17.5@370V capacitor required (MARS NO. 12012)

Replaces: Steveco Package unit 3100
List Price $358, Mult. Symbol F1

marathon electric

Singer

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D1169	-	1/10	208 - 230	3000/1	CCW SE	1.5	1.00	5.75	-

Shaded pole, sleeve bearing, 5/16 inch dia. shaft

Replaces: FASCO 7121-4066 Comfor Maker 1708-507

FASCO

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D1164	-	1/25	115 / 230	1550/1	CW SE	1.3 - .65	2.50	3.12	-

Shaded pole, sleeve bearing, 5/16 inch dia. shaft

Replaces: JA2P091N, JA2P0901N

FASCO

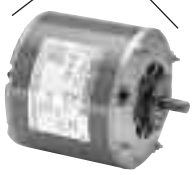
MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D1167	-	1/40	208 - 230	3000/1	CCW SE	0.6	1.00	4.88	-

Shaded pole, sleeve bearing, 5/16 inch dia. shaft

Replaces: 1708-518, 7121-5854

FASCO

One-On-One™ Direct Replacement Motors

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
Skymark										
	A251	-	1/35	208	3000/1	CCW SE	1.1	-	-	-
	Shaded pole, sleeve bearing, 50/60Hz									
	Replaces: 7021-9136, MTR-136PK									
Snyder/Arco										
	03219	5KCP39DGP089S	1/10	208-230	825/1	CCW OSE	.7	3.0	3.7	–
	5 1/2 inch diam., totally enclosed, extended clamp screws, 5 @ 370V cap required (MARS No. 12005)									
	Replaces: 5KCP39DGK093S									
State Ind.										
	W9	-	1/60	115	3000/1	CW SE	0.95	-	-	-
	Shaded pole, sleeve bearing, water heater draft inducer									
	Replaces: 7021-10548, 0012400500									
	W10	-	1/20	115	3400/1	CCW SE	1.80	-	-	-
	Shaded pole, sleeve bearing, water heater draft inducer									
	Replaces: 7021-11086, 0012400540									
Taco										
Enclosed 	**4722**	5KH39QN5558T	1/12	115	1800/1	CCW OSE	2.1	1.00	7.29	-
	48Y frame, open air over, single split phase, resilient ring mount, sleeve bearing, former MARS # X700									
	Replaces: Taco 110-388, Marathon 48S17D1027, 48S17D2102 List Price $108, Mult. Symbol F1									
Enclosed	**4404**	5KH39QN5550X	1/8	115	1800/1	CCW OSE	2.6	1.50	8.93	-
	48Y frame, open air over, single split phase, resilient ring mount, sleeve bearing, former MARS No. X701									
	Replaces: GE 5KH32EG129GA, Marathon 48S17D1084 List Price $117, Mult. Symbol F1									

One-On-One™ Direct Replacement Motors

Tappan

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
A073	-	73CFM	115 - 230	3000/1	CCW SE	.8 / .5	-	-	-

Shaded pole, ball bearing

Replaces: 82932, 8251560133

FASCO

Tecumseh

D475	-	1/15	460	1550/1	CCW SE	0.5	2.50	4.50	-

Shaded pole, sleeve bearing, 5/16 inch dia. shaft

Replaces: Tecumseh 810G037A47, 5KCP11FG1197CS

FASCO

00353	ESP-L35EM2	35W	230	1500/1	CCW OSE	.70	.50	3.50	-

3 7/8 inch diam., cast iron unit bearing motor, end or side pad mounting, horizontal operation, 1/4" threaded shaft

Replaces: Tecumseh TFM352, 810A10-B, 810M035A21, 810M035A28, 81091-R

00507	ESP-0L50EMJR21	50W	230	1500/1	CCW SE	.85	–	4.3	–

3 7/8 inch diam., open 3 tapped holes shaft end or side pad mount, shaded pole, 5/16 inch shaft dia.; 2" shaft length

Replaces: Tecumseh No. 810M050A62, 810E02674

01336	5KSM92KFL2008S	1/20	230	1550	CW OSE	1.1	2.0	4.2	–

4 inch diam., open, end mounting, shaded pole, 5/16 inch shaft

Replaces: 5KSP11FG1377, 5KSP11FG1541S; Emerson F33HXFRH-2649; Tecumseh 810G037A48 and 810E026A74

Tempmaster/Otasco

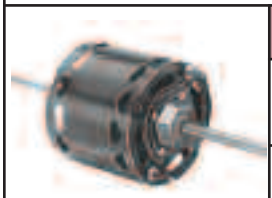
D1033	-	1/5 - 1/6 - 1/8	208 - 230	1400/3	DS	1.6 - 1.5 - 1.3	2.75	3.75	3.50

PSC, sleeve bearing

Replaces: M11730, 322P373, M12100, 322P454

FASCO

One-On-One™ Direct Replacement Motors

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
Thermador (Tradewinds)										
	D1165	-	1/20	115	1550/1	DS	2.0	3.50	-	3.50
	Shaded pole, sleeve bearing, 5/16 inch dia. shaft									
	Replaces: Tradewinds/Blower Motors									
	D1155	-	1/100	115	1085/1	CCW SE	0.5	1.00	-	-
	Shaded pole, sleeve bearing, 1/4 inch dia. shaft									
	Replaces: 17-09-679, VQT-90, JA2M087R									
Thermal Transfer										
	D1006	-	1/4	115	1600/1	CW SE	7.2	2.75	-	-
	Shaded pole, sleeve bearing									
	Replaces: 7108-6544, 66098									
Tjernlund										
	D130	-	1/40	115	1500/1	CW SE	1.0	4.12	-	-
	Shaded pole, sleeve bearing, 5/16 inch dia. shaft									
	Replaces: 7163-6058									
Trane										
	A069	-	69CFM	208-240	3000	CCW SE	0.5	-	-	-
	Shaded pole									
	Replaces: 38040252, 82252									
	A075	-	75CFM	230	3000/1	CCW SE	0.4	-	-	-
	Shaded pole, ball bearing									
	Replaces: 38050005									

Trane (con't)

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
	A143	-	-	115	3000/1	CW SE	0.95	-	-	-
	Shaded pole									
	Replaces: TRANE, 7021-8428, 7021-8013, 7021-8924									
	A146	-	-	115	3000/2	CW SE	1 - .35	-	-	-
	Shaded pole									
	Replaces: TRANE, 7021-7986, 7021-8925, 7002-2531									
	A130	-	-	115	3450/1	CW SE	0.7	-	-	-
	PSC									
	Replaces: TRANE, 7062-3956, 7062-3616									
	A150	-	-	208-230	3000/1	CCW SE	0.5	-	-	-
	Shaded pole									
	Replaces: TRANE, 7021-7833, 7021-8928									
	A190*	-	1/17	115	VAR	CW SE	-	-	-	-
	BLDC, ball bearing									
	Replaces: TRANE, 7000-5838, X38040336020									
	A191	-	1/15	208-230	3000/1	CCW SE	0.8	-	-	-
	Shaded pole, sleeve bearing									
	Replaces: 7021-6683, X38040251-01-7									

**** Limited quantities available while supplies last.***

One-On-One™ Direct Replacement Motors

Trane (con't)

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
	A192	-	1/40	115	3000/1	CCW SE	1.0	-	-	-
	Shaded pole, ball bearing									
	Replaces: 7021-8569, X38040253057									
	A193	-	1/35	208-240	3480/1	CCW SE	.59/.50	-	-	-
	Shaded pole, ball bearing									
	Replaces: 7021-8591, X38040050-01-0									
	A194	-	1/80	115	3000/ 1950/2	CW SE	1.0/.5	-	-	-
	Shaded pole, sleeve bearing									
	Replaces: 7021-9561, X38020420017									
	A195	-	1/16	115	3400/1	CW SE	1.8	-	-	-
	Shaded pole, ball bearing									
	Replaces: 7021-11543, X38040313070									
	A196	-	1/25	115	3200/1	CW SE	1.4	-	-	-
	Shaded pole, sleeve bearing									
	Replaces: 7021-11544, D342094P02 7021-9010, D330757P02									
	A197	-	-	33-110	1500-4700/VAR.	CW SE	1	-	-	-
	3 phase, ball bearing									
	Replaces: 7092-0238, D342097P01									

Trane (con't)

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
A198	-	1/45	115	3000/1	CW SE	1.8	-	-	-
Shaded pole, ball bearing									
Replaces: 7058-0259, D342077P01									

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
A199	-	1/45	115	3000/1	CW SE	1.8	-	-	-
Shaded pole, ball bearing									
Replaces: 7058-0260, D342077P02									

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
A260	-	1/45	115	3250/1	CW SE	1.0	-	-	-
Shaded pole, ball bearing									
Replaces: 7058-0261, D342077P03									

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
A261	-	1/45	115	3250/1	CW SE	1.0	-	-	-
Shaded pole, ball bearing									
Replaces: 7058-0262, D342077P04									

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
A262	-	1/45	115	3250/1	CW SE	1.0	-	-	-
Shaded pole, ball bearing									
Replaces: 7058-0263, D34077P05									

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
A263	-	1/45	115	3250/1	CW SE	1.0	-	-	-
Shaded pole, ball bearing									
Replaces: 7058-0264, D34077P06									

One-On-One™ Direct Replacement Motors

Trane (con't)

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
	A264	-	1/120	115	3000/2	CW SE	.80	-	-	-
	Shaded pole, ball bearing									
	Replaces: 7002-3443, D342078P01									
	A265	-	1/125	115	3000/2	CW SE	.80	-	-	-
	Shaded pole, ball bearing									
	Replaces: 7002-3444, D342078P02									
	A266	-	1/125	115	3000/2	CW SE	1.0	-	-	-
	Shaded pole, ball bearing									
	Replaces: 7002-3445, D342078P04									
	A267	-	1/125	115	3000/2	CW SE	1.4	-	-	-
	Shaded pole, ball bearing									
	Replaces: 7002-3446, D342078P05									
	A268	-	1/45	115	3000/2	CW SE	1.4	-	-	-
	Shaded pole, ball bearing									
	Replaces: 7002-3447, D342078P06									
	A269	-	1/35	208-230	2500/ 3000/1	CCW SE	.58/.60	-	-	-
	Shaded pole, ball bearing, 50/60Hz									
	Replaces: 7021-11054, X38040363010									

Trane (con't)

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
	A270	-	1/15	208-230	3350/ 2800/2	CCW SE	.42/.50	-	-	-
	PSC, ball bearing, 50/60Hz									
	Replaces: 7062-5033, X38040369010									
	A271	-	1/18	208-230	3500/2	CW SE	.60	-	-	-
	PSC, ball bearing, 50/60Hz									
	Replaces: 7062-3969, X38040308-01									
	A272	-	1/12	208-230	3500/2	CW SE	.70	-	-	-
	PSC, ball bearing, 50/60Hz									
	Replaces: 7062-3971, X38040309-01									
	A273	-	1/8	208-230	3500/2	CW SE	.60	-	-	-
	PSC, ball bearing, 50/60Hz									
	Replaces: 7062-3972, X38040310-01									
	A274	-	1/24	208-230	3500/1	CW SE	.30	-	-	-
	PSC, ball bearing, 50/60Hz									
	Replaces: 7062-3973, X38040311-01									
	A276	-	1/55	115	3000/1	CW SE	1.0	-	-	-
	Shaded pole, sleeve bearing									
	Replaces: 7021-9011, D330757P01									

One-On-One™ Direct Replacement Motors

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
Trane (con't)										
	A278	-	1/50	115	3000/2	CW SE	1.4	-	-	-
	Shaded pole, ball bearing									
	Replaces: 7002-2530, D341095P02									
	A279	-	1/125	115	3000/2	CW SE	.80	-	-	-
	Shaded pole, ball bearing									
	Replaces: 7002-2531, D341095P04, 7002-3275, D341663P04									
	A360	-	1/25	115	2700/2	CW SE	1.0	-	-	-
	Shaded pole, ball bearing									
	Replaces: 7002-2532, D341095P01, 7002-3274, D341663P01									
	A361	-	1/42	115	3000/1	CW SE	1.6	-	-	-
	Shaded pole, ball bearing									
	Replaces: 7002-2558, D330787P01									
	A362	-	1/42	115	3000/1	CW SE	1.6	-	-	-
	Shaded pole, ball bearing									
	Replaces: 7002-3273, D341663P05									
	A367	-	1/60	115	3000/2	CW SE	1.0	-	-	-
	Shaded pole, sleeve bearing									
	Replaces: 7021-8051, 21D340096P02									

Trane (con't)

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
A368	-	1/20	115	3200/2	CW SE	0.8	-	-	-
PSC, sleeve bearing									
Replaces: 7062-3782, D340623P01									

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
A369	-	1/45	208-230	2800/2	CCW SE	0.3	-	-	-
PSC, ball bearing									
Replaces: 7062-3915, C663946P01									

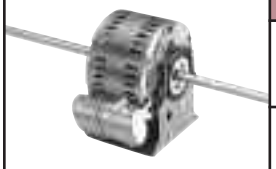
MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
A370	-	1/100	208-230	2920/2	CCW SE	0.2	-	-	-
PSC, ball bearing									
Replaces: 7062-3918, C664099P01									

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
A373	-	1/35	280-230	3000/1	CCW SE	0.6	-	-	-
Shaded pole, ball bearing									
Replaces: 7021-9396, C665662P01									

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D1050	-	1/8	230	1550/1	CW SE	1.1	3.00	3.25	-
PSC, ball bearing, original motor is SP, D1050 is PSC to provide greater motor efficiency and permit closing of shaft end to prevent moisture from entering motor									
Replaces: WW94X236SP, WW94X936PSC									

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D895	-	1/8	208 - 230	1650/1	CW SE	0.8	1.50	-	-
PSC, sleeve bearing, 4@370V capacitor required (MARS No. 12004)									
Replaces: 5KCP39BGR426S, MOT 6363									

One-On-One™ Direct Replacement Motors

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
Trane (con't)										
	D1005	-	1/10	460	1075/2	DS	0.5 - 0.3	9.62	-	9.62
	PSC, sleeve bearing									
	Replaces: 5KCP29DK3857BT, MOT 4590									
	D1089	-	1/15	115	850/3	REV	1.3	3.00	-	-
	PSC, sleeve bearing, 4@370V capacitor required (MARS No. 12004)									
	Replaces: 5KCP39DGM458AS, K48HXCFC-1327 MOT3589, MOT 3591, FASCO 7176-3020									
	**D1090**	-	1/15	115	1100/3	CW SE	0.8	10.50	-	11.50
	PSC, sleeve bearing									
	Replaces: MOT1877, K48HXBLA-956									
	D1051	-	1/25 - 1/40	115	1060 - 500/2	DS	0.6 - 0.4	11.12	-	11.12
	PSC, sleeve bearing, 6@370V capacitor required (MARS No. 12006)									
	Replaces: FAN COIL									
	D1058	-	1/20 - 1/30 - 1/40	265	1100/3	CW SE	.5 - .3 - .2	2.50	-	-
	PSC, sleeve bearing, 4@370V capacitor required (MARS No. 12004)									
	Replaces: 5KCP29FK885S									
	D2850	-	1 - 3/4	208-230/460 60 HZ, 200/380-415 50 HZ	1125/ 950/1	CW SE	4.6/2.3	3.45	6.50	-
	PSC, ball bearing, not a direct replacement but suitable for referenced models									
	Replaces: 5KCP39SFL153DS (GE); MOT05717, MOT03771, MOT05717 Trane X70671180017, X70670706010									

Trane (con't)

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D2851	-	1 - 3/4	208-230/460 60 HZ OR 200/380-415 50 HZ	1125/ 950/1	CW SE	4.6/2.3	3.75	6.50	-

PSC, ball bearing, 5/8 inch dia. keyed shaft, not a direct replacement but suitable for reference models

Replaces: 5KCP39SFL153DS (GE); MOT09188, MOT09192, Trane X7067165301 X70671656010

FASCO

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
02743	5KCP29BK8219S	1/8	208-230	1650/1	CCW OSE	.83	3.0	3.75	–

5 inch diam., totally enclosed, 4 MFD @ 370V capacitor required (MARS No. 12004)

Replaces: GE 5KCP29BK6319S; Trane X70670847-01-0, MOT 3438; FASCO D1050; MARS 10668; AO SMITH OTR4513

GE Commercial Motors By Regal-Beloit

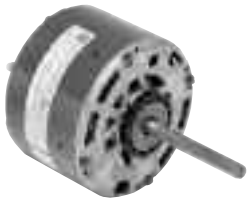
MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
03904	5KCP39BGY814S	1/8	208-230	1650/1	CCW OSE	0.80	2.00	3.98	–

5 1/2 inch diameter condenser fan motor, sleeve bearing, 4 MFD @ 370V capacitor required (MARS No. 12004), vertical shaft down

Replaces: FASCO D895

GE Commercial Motors By Regal-Beloit

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
02960	5KCP29BCA427S	1/6	208-230	1625/1	CCW OSE	0.98	2.00	3.36	–

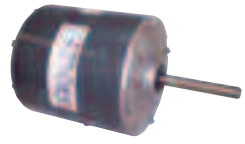


5 inch diameter condenser fan motor, sleeve bearing, 4 MFD @ 370V capacitor required (MARS No. 12004), vertical shaft down

Replaces: 5KCP29BCA010AS

GE Commercial Motors By Regal-Beloit

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
03243	5KCP39FFY927S	1/5	208-230	1080/1	CCW OSE	1.60	2.50	4.73	–

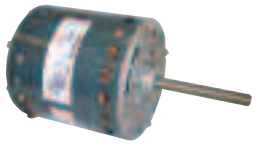


5 1/2 inch diameter, packaged air conditioner, 5 MFD @ 370V capacitor required (MARS No. 12005)

Replaces: 5KCP39FFP576AS

GE Commercial Motors By Regal-Beloit

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
03244	5KCP39LGY928S	1/2	115	1075/4	CCW OSE	7.90	4.00	4.98	–

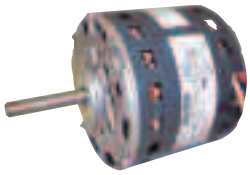
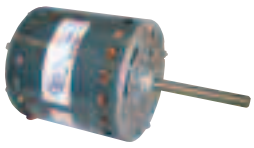
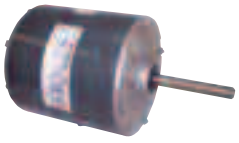
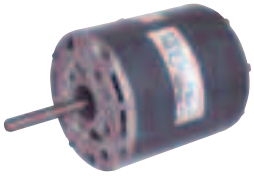


5 1/2 inch diam., furnace, 10 MFD @ 370Vcapacitor required (MARS No. 12008)

Replaces: 5KCP39LG918AS

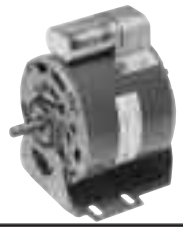
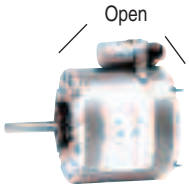
GE Commercial Motors By Regal-Beloit

One-On-One™ Direct Replacement Motors

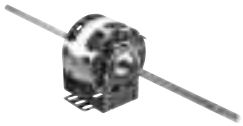
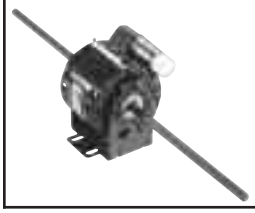
	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
Trane (con't)										
	**03918**	5KCP39KGY834S	1/2	115	1375/4	CCW OSE	9.30	2.50	5.63	–
	5 1/2 inch diam., furnace blower, 15 MFD @ 370V capacitor required (MARS No. 12010), sleeve bearing, thru bolts mounting									
	Replaces: 21C138902P01, 5KCP39KGN691AS									
	**03919**	5KCP39PFY829S	1/2	208-230	850/2	CW OSE	3.40	4.00	6.88	–
	5 1/2 inch diam., condenser/evap., 10 MFD capacitor required (MARS No. 12008), sleeve bearing, thru bolts mounting									
	Replaces: X70671003-01, 5KCP39PFR083S									
	**03920**	5KCP39RFY828S	0.4	380-415/460	1075/1	CCW OSE	1.40	3.50	6.88	–
	5 1/2 inch diam., condenser, 5 MFD @ 440V capacitor required (MARS No. 12029), sleeve bearing, thru bolts mounting									
	Replaces: X70671086-01, 5KCP39RFR809S									
	**03921**	5KCP39SFU729S	1.0	575	1125/1	CCW OSE	2.00	3.42	6.30	–
	5 1/2 inch diam., condenser, 25 MFD @ 440V capacitor required (MARS No. 12040), ball bearing, thru bolts mounting									
	Replaces: X70671181-01, 5KCP39SFL190CS									
	03922	5KCP39SGY830S	0.6	208-230	975/1	CCW OSE	3.80	3.50	6.88	–
	5 1/2 inch diam., condenser, 7.5 MFD @ 370Vcapacitor required (MARS No. 12031), sleeve bearing, thru bolts mounting									
	Replaces: X70671091-01, 5KCP39SGR077S									
	10665	5442-319/18	1/6	230	1550/1	CCW OSE	0.07	3.13	3.63	–
	5 inch diam., NEMA 42 frame motor, totally enclosed, sleeve bearing, capacitor required 4 MFD @ 370V (MARS No. 12004), CCW lead end.									
	Replaces: FASCO D1050; GE 5KSP29DK1728S; AO SMITH OTR4513, 322P815; TRANE MOT3438									

One-On-One™ Direct Replacement Motors

Tyler

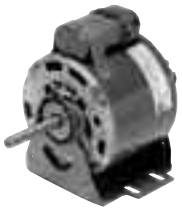
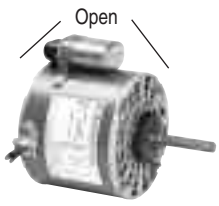
MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D870	-	1/4	230	1625/1	CW SE	1.9	3.00	4.75	-
PSC, ball bearing, 4@370V capacitor included									
Replaces: 5KCP39EGC053T, UNIT NO. 760									
00091	RS4BEB9E13	9W	115	1600/1	CW OSE	.26	.39	2.56	–
3.43 inch diam., enclosed, end or side panel mounting, capacitor mounted inside shell									
Replaces: RS4BEB9E16, RS4BEB9E12									
									
03042	5KCP39EGC053T	1/4	230	1625/1	CCW OSE	1.7	1.4	5.4	–
5 1/2 inch diam., shell only enclosed, resilient base and capacitor included, ball bearing									
Replaces: 5KCP39EG755S & 5KCP39EN81S									
									
X270	048A17O149	1/4	208-230	1625/1	CCW OSE	1.9	2.50	4.75	-
48Y frame, open air over, resilient ring thru-bolt mount, ball bearings, capacitor included									
Replaces: Tyler 760, FASCO D870, AOS OTY1024 List Price $201, Mult. Symbol F1									

Various OEM's

									
02093	5KSP29BK2649T	1/10	115	1050/5	CW OSE	3.2	8.0	12.5	8.0
5 inch diam., open, resilient base, sleeve bearing									
Replaces: Various OEM models									
									
02362	5KCP29CK4534AS	1/10	115	1075/4	CW OSE	1.7	10.5	14.5	9.6
5 inch diam., open, resilient base, sleeve bearing, 4 MFD @ 370V capacitor required									
Replaces: 5KCP29CK4534T									

ONE-ON-ONE

One-On-One™ Direct Replacement Motors

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
Warren										
	03007	5KCP39KGC056T	1/3	208-230	1075/1	CW OSE	3.1	3.0	5.5	–
	5 1/2 inch diam., open resilient base and capacitor included, ball bearing									
	Replaces: 5KCP39KG884S									
	X268	048A11O1239	1/3	208-230	1075/1	CW OSE	3.0	2.88	4.75	-
	48Y frame, open air over, resilient ring mount, ball bearings, capacitor included									
	Replaces: FASCO D809 List Price $206, Mult. Symbol F1									
Weil McLain										
	D1190	-	1/30	115	3000/1	CW SE	1.6	1.75	4.88	-
	Shaded pole, sleeve bearing, 5/16 inch dia. shaft									
	Replaces: 7121-5750, JA1N074									
West Bend/McGraw Edison										
	D1134	-	1/50 - 1/65 - 1/80	115	1500/3	CW SE	1.1 - .8 - .6	1.75	2.25	-
	Shaded pole, sleeve bearing, 1/4 inch dia. shaft									
	Replaces: Portable Humidifier Motors									
Westinghouse										
	D262	-	1/5	230	925/1	REV	2.3	4.00	3.88	-
	PSC, sleeve bearing									
	Replaces: Whisperaire 319P300A									
	D1032	-	1/5	208 - 230	1550/1	DS	1.6	6.25	3.88	6.25
	PSC, sleeve bearing, 4@370V capacitor included									
	Replaces: Model No. 319P367A									

ONE-ON-ONE

One-On-One™ Direct Replacement Motors

Westinghouse (con't)

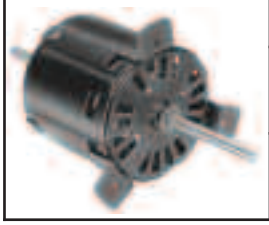
MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D1111	-	1/18 - 1/30	115	1330/2	CCW SE	2.4 - 1.2	3.12	3.50	2.38

Shaded pole, sleeve bearing, 5/16 inch dia. shaft

Replaces: JA2S094, JA2S110, JA2S121N, A456301, A495601, A495603, 5308013815, 5500 BTU WINDOW A/C; G000519549; G519549

FASCO

D1113	-	1/16 - 1/25 - 1/35	115	1550/3	DS	1.9 - 1.6 - 1.4	2.44	3.12	3.25



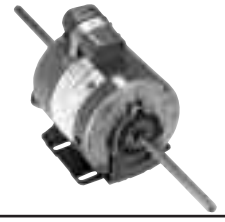
Shaded pole, open, sleeve bearing, 5/16 inch dia. shaft

Replaces: 8264H2290; 6000 BTU Window Units

FASCO

Westinghouse/Appliance Division

03122	5KCP39GGB907T	1/3	208-230	1625/1	CCW OSE	2.5	6.0	7.0	6.5



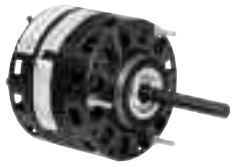
5 1/2 inch diam., shell and opposite lead end enclosed, 3 inch resilient base and capacitor included

Replaces: 5KCP32GG258S, 5KCP32GG167S, 5KCP32GG210S

GE Commercial Motors By Regal-Beloit

Westinghouse/Small Motor Division

10810	10810	1/5	115	1050/3	CCW OSE	6.2	3.5	4.62	–

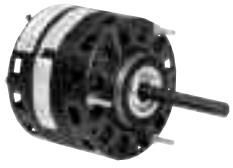


5 inch diam., open resillient rings, 3 studs @ 120˚, shaded pole, 30 inch color coded leads

Replaces: Westinghouse 319P852, 322P115; Packard 70852, AO Smith BL6414

mars

10812	10812	1/5	230	1050/3	CCW OSE	3.2	3.5	4.62	–



5 inch diam., open, resilient rings, 3 studs @ 120˚, shaded pole, 30 inch color coded leads

Replaces: Westinghouse 322P114; Packard 70853; GE 5KSP29KK2625T; AO Smith B6415

mars

White Consolidated Industries

D1111	-	1/18 - 1/30	115	1330/2	CCW SE	2.4 - 1.2	3.12	3.50	2.38

Shaded pole, sleeve bearing, 5/16 inch dia. shaft

Replaces: JA2S094, JA2S110, JA2S121N, A456301, A495601, A495603, 5308013815, 5500 BTU WINDOW A/C; G000519549; G519549

FASCO

One-On-One™ Direct Replacement Motors

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
Williamson									
A080	-	80CFM	115	3000/1	CW SE	1.1	-	-	-
Shaded pole									
Replaces: 7021-5510, 02-568									
A118	-	118CFM	115	3000/1	CW SE	1.8	-	-	-
Shaded pole									
Replaces: 100,000 BTU Furnace 7021-6999, 7021-704 Leads must be modified									
Witt									
D1102	-	1/20	115 / 230	1550/1	CW SE	.75 - .4	2.62	3.50	-
PSC, sleeve bearing, 5/16 inch dia. shaft									
Replaces: 7190-2158, 8216073, 7190-2159, 8216074									
York									
D1191	-	1/40	460	3200/1	CCW SE	.37	2.50	5.75	-
3.3" diam. Shaded Pole, Ball Bearing, Includes shaft bushing, 1/4" diam. Stainless Steel Shaft, Includes Centrifugal Switch									
Replaces: 7121-7255									
D1171	-	1/15	460	3000/1	CCW SE	0.6	2.50	6.75	-
3.3" dia., Shaded Pole, Ball Bearing, includes centrifugal switch									
Replaces: 024-24115-004, F33HXJBB3621									
D1042	-	1/5	208 - 230	1075/1	DS	1.2	6.50	4.12	6.50
PSC Condenser Fan Motor, Sleeve Bearing									
Replaces: Cond. Fan, D1041, F47HXBGM-927									

York (con't)

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D873	-	1/2	230	1050/1	DS	3.2	9.75	4.50	9.75

5.6" dia., PSC, Sleeve Bearing

Replaces: K44HXJAF-4955

FASCO

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
D2871	-	1 - 3/4 - 1/2	460	1100/3	REV	3.3 - 2.3 - 1.9	3.50	6.00	-

5.6" dia., PSC, Sleeve Bearing, 25@370v capacitor required (MARS # 12015), has special OEM wiring configuration

Replaces: 024-21673, K55HXJFJ-2832, 5KCP39SGH913BS

FASCO

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
A063	-	65CFM	230	3000/1	CCW SE	0.6	-	-	-

Shaded Pole

Replaces: 26-22239

FASCO

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
A083	-	83CFM	230	3000/1	CCW SE	0.8	-	-	-

Shaded Pole, Ball Bearing

Replaces: 026-16323-0000, 026-20224-000, 7021-1373

FASCO

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
A144	-	-	208-230	3000/1	CCW SE	0.5	-	-	-

Shaded Pole, includes centrifugal switch

Replaces: 7021-6770

FASCO

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
A137	-	-	115	3450/1	CW SE	0.7	-	-	-

PSC

Replaces: 7062-2442, 7062-3342, 7062-3484

FASCO

One-On-One™ Direct Replacement Motors

York (con't)

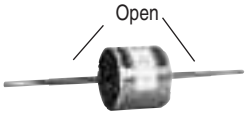
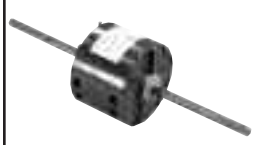
	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
	A154	-	-	115	3000/1	CW SE	1.2	-	-	-
	Shaded Pole									
	Replaces: 7021-9428									
	A165	-	-	115	3450/1	CW SE	0.7	-	-	-
	PSC									
	Replaces: 7062-3958									
	A168	-	-	115	3450/1	CW SE	0.7	-	-	-
	PSC									
	Replaces: 7062-5019									
	A220	-	1/20	115	3000/1	CW SE	1.6	-	-	-
	Shaded Pole, Ball Bearing									
	Replaces: 7021-5838, 026-27510-700, 7021-7217, 7021-9054									
	A221	-	1/40	208-230	3000/1	CCW SE	0.55	-	-	-
	Shaded Pole, Sleeve Bearing									
	Replaces: 7021-8318, 026-30614-700, 7021-6991									
	A222	-	1/35	115	3000/1	CCW SE	1.05	-	-	-
	Shaded Pole, Ball Bearing									
	Replaces: 7021-8317, 026-32067-700, 7021-7481									

One-On-One™ Direct Replacement Motors

York (con't)

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
	A223	-	1/30	208-230	3200/1	CW SE	0.6	-	-	-
	Shaded Pole, Sleeve Bearing									
	Replaces: 7021-10096, 026-33999-001, 7021-9656									
	A224	-	1/18	115	3450/2	CW SE	0.8	-	-	-
	Shaded Pole, Sleeve Bearing									
	Replaces: 7062-5048, 024-27654-000, 7062-4743									
	A225	-	1/15	115	3200/1	CW SE	2.25	-	-	-
	Shaded Pole, Ball Bearing									
	Replaces: 7021-11577, 17503, 7021-11830, 024-34558-000									
	A226	-	1/35	115	3000/1	CW SE	1.7	-	-	-
	Shaded Pole, Ball Bearing									
	Replaces: 7058-0266, 7058-0266S									
	A227	-	1/25	115	3450/1	CW SE	0.7	-	-	-
	PSC, Sleeve Bearing									
	Replaces: 7062-4708S, 024-27641-000, 17450, 7062-4708									
	A228	-	1/25	115	3000/1	CW SE	2.0	-	-	-
	Shaded Pole, Ball Bearing									
	Replaces: 7002-3285, 024-31957-000, 7002-2941									

One-On-One™ Direct Replacement Motors

	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
York (con't)										
	A229	-	1/25	115	3000/1	CW SE	1.8	-	-	-
	Shaded Pole, Ball Bearing									
	Replaces: 7058-0267S, 17499, 7058-0267									
	A230	-	1/20	115	3450/2	CW SE	0.8	-	-	-
	PSC, Sleeve Bearing									
	Replaces: 7062-5094S, 17476, 7062-5094									
	A231	-	1/75	115	3000/2	CW SE	1.3	-	-	-
	Shaded Pole, Sleeve Bearing									
	Replaces: 7021-10213, 17452									
	A234	-	1/12	208-230	3200/1	CW SE	0.5	-	-	-
	PSC, Ball Bearing									
	Replaces: 7062-5155, 102529									
	**X295**	048A11O1410	1/2	230	1050/1	CW OSE	3.9	9.12	5.00	9.25
	48Y frame, open air over, round belly band mount, ball bearings, 5@370V capacitor required (MARS # 12005), non-stock motor subject to special terms									
	Replaces: York K44HXJAF-4955, FASCO D873, AOS OYK1056, Magnetek 468 List Price $183, Mult. Symbol F1									
York/Borg Warner										
	**02091**	5KCP29GK4685T	1/5	230	1075/1	REV	1.5	5.9	4.8	5.9
	5 inch diam., both end sheilds enclosed, band mount, 5 @ 370V capacitor required (MARS 12005)									
	Replaces: 5KCP29GK3643S; Fasco D1042									

One-On-One™ Direct Replacement Motors

York/Borg Warner (con't)

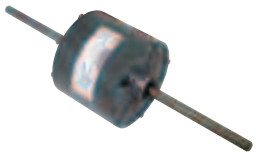
MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
02746	5KCP29GK8218S	1/5	208-230	1075/1	CW OSE	1.1	5.75	5.0	5.75

5 inch diam., totally enclosed, 5 MFD @ 370V capacitor required (MARS No. 12005)

Replaces: GE 5KCP29GK3643S, York 024-20795-000

GE Commercial Motors By Regal-Beloit

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
02956	5KCP29GK8966S	1/5	208-230	1075	CW OSE	1.20	5.63	4.01	5.0

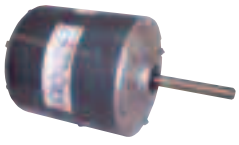


5 inch diam., double-end shaft, condenser fan motor, sleeve bearing, 5 MFD @ 370Vcapacitor required (MARS No. 12005), horizontal mount

Replaces: Fasco D1042

GE Commercial Motors By Regal-Beloit

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
03248	5KCP39BGY932S	1/8	208-230	1075/1	CW OSE	0.80	1.25	3.73	–

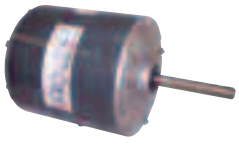


5 1/2 inch diam., condenser, 4 MFD @ 370V capacitor required (MARS No. 12004)

Replaces: 5KCP39BGP931S

GE Commercial Motors By Regal-Beloit

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
03249	5KCP39EGY933S	1/4	208-230	1075/1	CW OSE	1.30	2.50	3.98	–

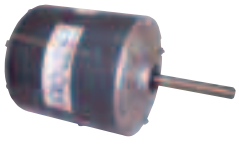


5 1/2 inch diam., condenser, 5 MFD @ 370V capacitor required (MARS No. 12005)

Replaces: 5KCP39EGP788S

GE Commercial Motors By Regal-Beloit

MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
03250	5KCP39JFY934S	1/4	208-230	850/1	CW OSE	1.30	2.75	4.73	–



5 1/2 inch diam., condenser, 5 MFD @ 370V capacitor required (MARS No. 12005)

Replaces: 5KCP39JFP984S

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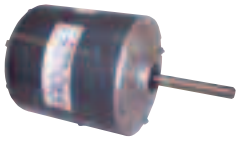
MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
03255	5KCP39LGY935S	1/2	208-230	1090/1	CW OSE	2.30	3.50	4.98	–

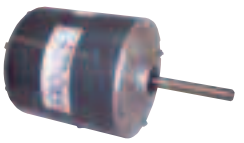


5 1/2 inch diam., condenser, 7.5 MFD @ 370V capacitor required (MARS No. 12007)

Replaces: 5KCP39LGN418S

GE Commercial Motors By Regal-Beloit

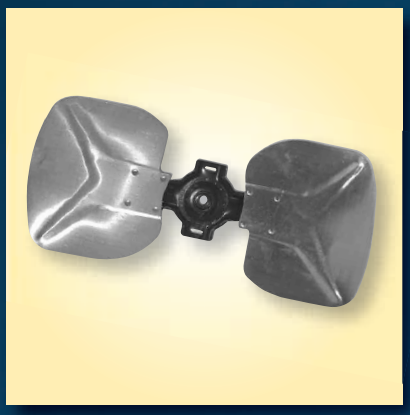
One-On-One™ Direct Replacement Motors

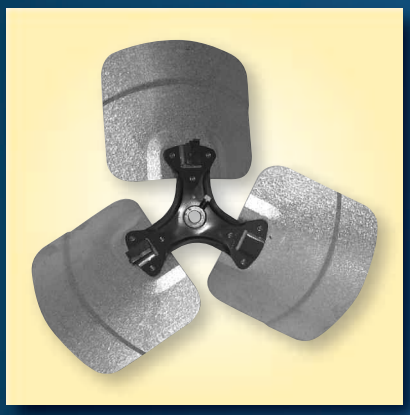
	MARS NO.	MFG. NO	HP	VOLTS	RPM/ SPEEDS	ROT	AMPS	DIMENSIONS A	B	C
York/Borg Warner (con't)										
	03256	5KCP39NGY936S	1/2	1115	1110/3	CCW OSE	9.50	4.00	5.23	–
	5 1/2 inch diam., furnace, 10 MFD @ 370V capacitor required (MARS No. 12008)									
	Replaces: 5KCP39NGP941S									
	04417✪	5K48MN4341X	1.5	208-230/460	1725/1	REV	5.2/2.6	1.88	10.82	-
	Dripproof, welded base, ball bearing, automatic thermal overload, 56Y, Service Factor 1.15									
	Replaces: GE OEM Model No. 5K49RN4277X ✪Upon depletion of stock on this item, Marathon No. K1495 will be substituted.									
	04418✪	5K49TN4333X	2	208-230/460	1725/1	REV	7.5/3.4	1.88	12.32	–
	Dripproof, welded base, ball bearing, automatic thermal overload, 56Y, Service Factor 1.15									
	Replaces: GE OEM Model No. 5K49TN4272X ✪Upon depletion of stock on this item, Marathon No. K1496 will be substituted.									
	04419✪	5K49WN4335X	3	208-230/460	1725/1	REV	10.2/4.8	1.88	13.42	-
	Dripproof, welded base, ball bearing, automatic thermal overload, 56Y, Service Factor 1.15									
	Replaces: GE OEM Model No. 5K49WN4271X ✪Upon depletion of stock on this item, Marathon No. K1497 will be substituted.									

GE Commercial Motors By Regal-Beloit

airmate®

Section





Air Moving Components

MARS SERIES 400

MARS Description — Page

Air Moving Components

3-Wing Adapter Heavy Duty Condenser Fan Blades AM-3, AM-4

4-Wing Adapter Heavy Duty Condenser Fan Blades . . . . . .AM-5 to AM-7

5-Wing Adapter Heavy Duty Condenser Fan Blades AM-8, AM-9

2-Wing Fixed Hub Fan Blades AM-12

3-Wing Fixed Hub Fan Blades AM-13

4-Wing Fixed Hub Fan Blades AM-14

5-Wing Fixed Hub Fan Blades AM-14

4-Wing Single Piece Aluminum Blades with Hub AM-15

5-Wing Single Piece Aluminum Blades with Hub . . . . . .AM-15 to AM-17

4-Wing Single Piece Aluminum Blades, Hubless, Unit Bearing Mount AM-18

5-Wing Single Piece Aluminum Blades, Hubless, Unit Bearing Mount AM-18, AM-19

Belt Drive Blower Wheels AM-26

Direct Drive Blower Wheels AM-24, AM-25

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- 3L, 4L, & 5L Belts AM-32
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MARS Accu-Link Adjustable V-Belts AM-40

MARS FHP V-Belts AM-36

MARS Multiple V-Belts AM-37, AM-38

MARS Wedge V-Belts AM-39, AM-40

OEM Blower Wheels AM-20

Plastic Double Inlet Blower Wheel AM-20

Plastic Fan Blades AM-15

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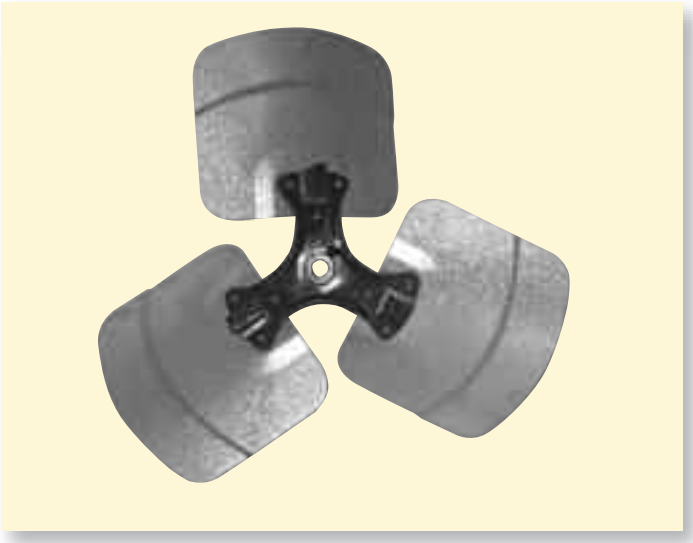


3 Wing Adapter Heavy Duty Condenser Fan Blades

Air MARS 3 wing adapter, heavy duty condenser fan blades are designed for rigorous R/HVAC low pressure applications. They will accommodate universal hex/round adapter hubs. Air MARS adapter fan blades are durable, efficient & quiet. They are manufactured using high strength aluminum alloy for the blades & sturdy steel for the blade spiders.

Blade depths and pitches specified for Air MARS adapter fan blades allow for the replacement of a broad range of commonly used fan blades.

Typical applications are:

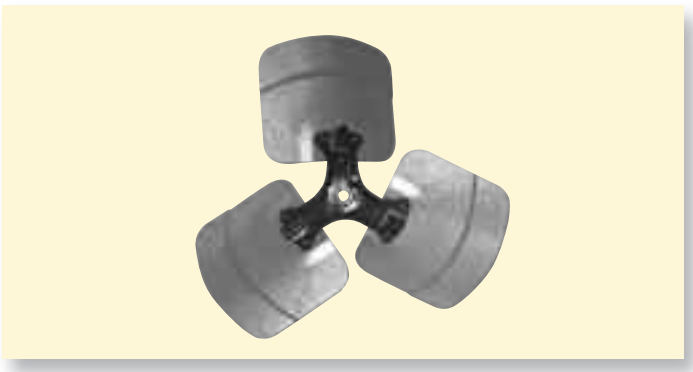
- Air Cooled Condensers
- Residential Air Conditioners
- Heat Pumps
- Roof Top Air Conditioners
- Power Roof Ventilators
- Unit Heaters
- Fan Coil Units

Universal Hex Adapter Hubs on page AM-21

MARS NO.	MODEL NO.	BLADE DIA.	PITCH DEG.	BLADE DEPTH	Static Pressure .10" RPM	Static Pressure .10" CFM	Static Pressure .10" BHP	Static Pressure .30" RPM	Static Pressure .30" CFM	Static Pressure .30" BHP	MARS PACK
40025 **40026**	1023-3CW 1023-3CCW	10	23	1.86	825 1075 1725	73 187 487	0.005 0.008 0.02	825 1075 1725	N.A. N.A. 262	N.A. N.A. 0.04	2
40027	1027-3CW	10	27	2.19	825 1075 1725	104 241 572	0.006 0.01 0.03	825 1075 1725	N.A. N.A. 336	N.A. N.A. 0.05	2
40061 **40062**	1219-3CW 1219-3CCW	12	19	1.56	825 1075 1725	121 295 625	0.008 0.01 0.04	825 1075 1725	N.A. N.A. 429	N.A. N.A. 0.05	2
40029 **40030**	1223-3CW 1223-3CCW	12	23	1.88	825 1075 1725	209 385 769	0.01 0.02 0.05	825 1075 1725	N.A. N.A. 580	N.A. N.A. 0.07	2
40031 **40032**	1227-3CW 1227-3CCW	12	27	2.19	825 1075 1725	289 468 914	0.01 0.02 0.07	825 1075 1725	N.A. N.A. 714	N.A. N.A. 0.09	2
40033 **40034**	1423-3CW 1423-3CCW	14	23	2.67	825 1075 1725	568 892 1573	0.02 0.04 0.16	825 1075 1725	N.A. N.A. 1387	N.A. N.A. 0.17	2
40035 **40036**	1427-3CW 1427-3CCW	14	27	3.06	825 1075 1725	664 1006 1757	0.03 0.05 0.21	825 1075 1725	N.A. 531 1568	N.A. 0.08 0.23	2
40063	1619-3CW	16	19	2.56	825 1075 1725	610 1017 1811	0.02 0.05 0.17	825 1075 1725	N.A. 305 1549	N.A. 0.06 0.20	2
40037 **40038**	1622-3CW 1622-3CCW	16	22	2.94	825 1075 1725	748 1164 2039	0.03 0.06 0.23	825 1075 1725	N.A. 481 1815	N.A. 0.08 0.25	2
40039 **40040**	1627-3CW 1627-3CCW	16	27	3.56	825 1075 1725	1064 1525 2601	0.05 0.10 0.39	825 1075 1725	110 969 2401	0.06 0.11 0.41	2
40041 **40042**	1823-3CW 1823-3CCW	18	23	3.70	825 1075 1725	1202 1870 2487	0.06 0.10 0.32	825 1075 1725	464 972 2629	0.10 0.13 0.33	2

MAX RPM 10-18" DIA. 1725 RPM

continued on next page

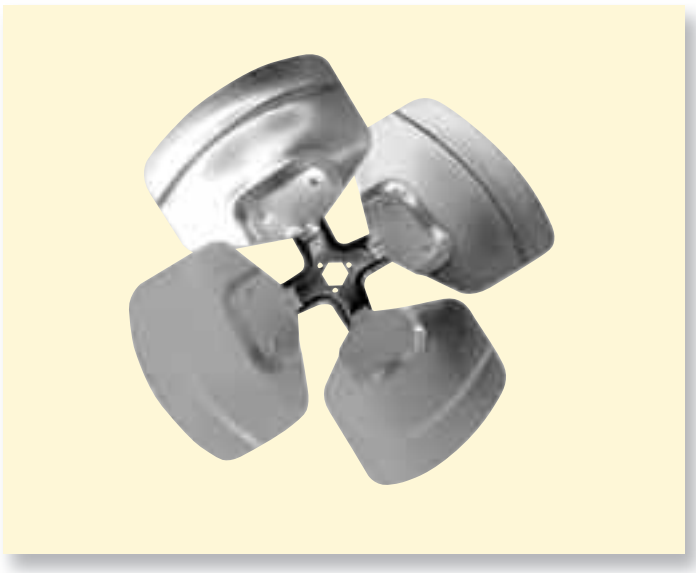


3 Wing Adapter Heavy Duty Condenser Fan Blades (cont.)

Universal Hex Adapter Hubs on page AM-21

MARS NO.	MODEL NO.	BLADE DIA.	PITCH DEG.	BLADE DEPTH	Static Pressure .10" RPM	Static Pressure .10" CFM	Static Pressure .10" BHP	Static Pressure .30" RPM	Static Pressure .30" CFM	Static Pressure .30" BHP	MARS PACK
40043 40044	1827-3CW 1827-3CCW	18	27	4.31	825 1075 1725	1711 2305 4089	0.08 0.12 0.56	825 1075 1725	637 1312 3784	0.12 0.17 0.63	2
40065 40066	1830-3CW 1830-3CCW	18	30	4.75	825 1075 1725	1882 2502 4438	0.09 0.14 0.65	825 1075 1725	794 1526 4136	0.14 0.19 0.72	2
40045 40046	1833-3CW 1833-3CCW	18	33	5.17	825 1075 1725	1993 2682 4790	0.11 0.17 0.80	825 1075 1725	914 1681 4403	0.15 0.22 0.86	2
40047 40048	2024-3CW 2024-3CCW	20	24	3.86	825 1075 1140	2306 3052 3383	0.12 0.18 0.26	825 1075 1140	1290 2063 2781	0.16 0.22 0.31	2
40049 40050	2028-3CW 2028-3CCW	20	28	4.47	825 1075 1140	2639 3473 3841	0.14 0.22 0.32	825 1075 1140	1513 2462 3245	0.18 0.26 0.37	2
40067 40068	2031-3CW 2031-3CCW	20	31	4.91	825 1075 1140	2884 3790 4186	0.16 0.26 0.38	825 1075 1140	1707 2727 3552	0.21 0.30 0.43	2
40051 40052	2033-3CW 2033-3CCW	20	33	5.17	825 1075 1140	3035 3993 4412	0.19 0.29 0.43	825 1075 1140	1851 2854 3687	0.23 0.34 0.47	2
40053 40054	2227-3CW 2227-3CCW	22	27	4.31	825 1075 1140	3383 4478 4969	0.18 0.28 0.41	825 1075 1140	2111 3323 4169	0.26 0.34 0.47	2
40069 40024	2230-3CW 2230-3CCW	22	30	4.75	825 1075 1140	3580 4951 5483	0.21 0.34 0.49	825 1075 1140	2376 3807 4675	0.31 0.39 0.54	2
40055 40056	2233-3CW 2233-3CCW	22	33	5.17	825 1075 1140	3982 5259 5828	0.26 0.41 0.60	825 1075 1140	2639 3978 4923	0.35 0.48 0.65	2
40057 40058	2426-3CW 2426-3CCW	24	26	4.17	825 1075 1140	4433 5793 6382	0.27 0.43 0.63	825 1075 1140	3028 4792 5649	0.33 0.46 0.68	2
40059 40060	2433-3CW 2433-3CCW	24	33	5.17	825 1075 1140	5287 6906 7607	0.40 0.65 0.96	825 1075 1140	3772 5782 6763	0.46 0.68 1.00	2

MAX RPM 10-18" DIA. 1725 RPM 20"-24" DIA. 1140 RPM



4 Wing Adapter Heavy Duty Condenser Fan Blades

Air MARS 4 wing adapter, heavy duty condenser fan blades are designed for rigorous R/HVAC pressure applications. They will accomodate universal hex/round adapter hubs for unlimited versatility. Air MARS adapter fan blades are durable, efficient, and quiet. They are manufactured using high strength aluminum alloy for the blades and sturdy steel for the blade spiders.

Blade depths and pitches specified for Air MARS adapter fan blades allow for the replacement of a broad range of commonly used fan blades.

Typical applications are:

- Air Cooled Condensers
- Residential Air Conditioners
- Heat Pumps
- Roof Top Air Conditioners
- Power Roof Ventilators
- Unit Heaters
- Fan Coil Units

Universal Hex Adapter Hubs on page AM-21

MARS NO.	MODEL NO.	BLADE DIA.	PITCH DEG.	BLADE DEPTH	Static Pressure .10" RPM	Static Pressure .10" CFM	Static Pressure .10" BHP	Static Pressure .30" RPM	Static Pressure .30" CFM	Static Pressure .30" BHP	MARS PACK
41805	1020-4CW	10	20	2.00	825 1075 1725	103 205 458	0.006 0.009 0.03	825 1075 1725	N.A. N.A. 2.86	N.A. N.A. 0.045	2
40070 **40071**	1023-4CW 1023-4CCW	10	23	2.28	825 1075 1625	100 250 550	0.008 0.009 0.03	825 1075 1625	N.A. N.A. 350	N.A. N.A. 0.04	2
40072 **40073**	1027-4CW 1027-4CCW	10	27	2.64	825 1075 1625	150 300 600	0.007 0.01 0.03	825 1075 1625	N.A. N.A. 400	N.A. N.A. 0.04	2
40074 **40075**	1033-4CW 1033-4CCW	10	33	3.16	825 1075 1625	220 360 720	0.01 0.02 0.06	825 1075 1625	N.A. N.A. 480	N.A. N.A. 0.09	2
40122 **40123**	1216-4CW 1216-4CCW	12	16	1.63	825 1075 1725	107 262 745	0.004 0.014 0.040	825 1075 1725	N.A. N.A N.A	N.A. N.A N.A	2
40124 **40125**	1220-4CW 1220-4CCW	12	20	2.00	825 1075 1725	190 371 789	0.009 0.02 0.07	825 1075 1725	N.A. 82 515	N.A. 0.03 0.08	2
40076 **40077**	1223-4CW 1223-4CCW	12	23	2.28	825 1075 1625	260 450 890	0.01 0.03 0.08	825 1075 1625	N.A. 140 480	N.A. 0.04 0.11	2
40078 **40079**	1227-4CW 1227-4CCW	12	27	2.64	825 1075 1625	300 570 1010	0.01 0.03 0.07	825 1075 1625	N.A. N.A. 790	N.A. N.A. 0.09	2
40080 **40081**	1233-4CW 1233-4CCW	12	33	3.16	825 1075 1625	410 690 1210	0.02 0.03 0.12	825 1075 1625	N.A. 380 960	N.A. 0.06 0.12	2
40126 **40127**	1416-4CW 1416-4CCW	14	16	1.91	825 1075 1725	435 698 1237	0.02 0.03 0.09	850 1075 1725	N.A N.A N.A	N.A N.A N.A	2

MAX RPM 10-16" DIA. 1725 RPM

continued on next page

4 Wing Adapter Heavy Duty Condenser Fan Blades (cont.)

Universal Hex Adapter Hubs on page AM-21

MARS NO.	MODEL NO.	BLADE DIA.	PITCH DEG.	BLADE DEPTH	Static Pressure .10" RPM	Static Pressure .10" CFM	Static Pressure .10" BHP	Static Pressure .30" RPM	Static Pressure .30" CFM	Static Pressure .30" BHP	MARS PACK
40128 40129	1420-4CW 1420-4CCW	14	20	2.34	825 1075 1625	518 809 1339	0.02 0.03 0.13	825 1075 1625	N.A. 373 1184	N.A. 0.05 0.14	2
40082 40083	1423-4CW 1423-4CCW	14	23	2.672	825 1075 1625	580 890 1470	0.02 0.04 0.14	825 1075 1625	N.A. 440 1100	N.A. 0.06 0.13	2
40084 40085	1427-4CW 1427-4CCW	14	27	3.063	825 1075 1625	650 970 1600	0.02 0.04 0.15	825 1075 1625	N.A. 550 1320	N.A. 0.06 0.15	2
40086 40087	1433-4CW 1433-4CCW	14	33	3.672	825 1075 1625	780 1180 1940	0.04 0.07 0.18	825 1075 1625	120 730 1730	0.05 0.10 0.19	2
40130 40131	1620-4CW 1620-4CCW	16	20	2.69	825 1075 1625	927 1376 2265	0.04 0.08 0.32	825 1075 1625	372 878 2052	0.06 0.10 0.34	2
40088 40089	1623-4CW 1623-4CCW	16	23	3.063	825 1075 1625	1050 1520 2480	0.05 0.08 0.26	825 1075 1625	450 890 2150	0.06 0.11 0.27	2
40090 40091	1627-4CW 1627-4CCW	16	27	3.563	825 1075 1625	1180 1670 2700	0.07 0.09 0.29	825 1075 1625	730 1130 2350	0.10 0.14 0.32	2
40092 40093	1633-4CW 1633-4CCW	16	33	4.281	825 1075 1625	1420 2020 3190	0.05 0.12 0.44	825 1075 1625	930 1250 2490	0.09 0.16 0.46	2
40132 40133	1819-4CW 1819-4CCW	18	19	3.09	825 1075 1140	1318 1815 2802	0.06 0.08 0.50	825 1075 1140	646 1080 1196	0.09 0.13 0.53	2
40094 40095	1823-4CW 1823-4CCW	18	23	3.703	825 1075 1140	1630 2160 2310	0.07 0.12 0.14	825 1075 1140	860 1470 1780	0.11 0.17 0.19	2
40096 40097	1827-4CW 1827-4CCW	18	27	4.313	825 1075 1140	1810 2430 2690	0.09 0.15 0.18	825 1075 1140	950 1820 2250	0.12 0.19 0.26	2
40134 40135	1830-4CW 1830-4CCW	18	30	4.75	825 1075 1140	1991 2700 2990	0.11 0.16 0.78	825 1075 1140	1132 1827 2023	0.14 0.21 0.84	2
40098 40099	1833-4CW 1833-4CCW	18	33	5.172	825 1075 1140	2150 2880 3190	0.12 0.20 0.28	825 1075 1140	1300 1970 2240	0.16 0.25 0.29	2
40136 41813	2019-4CW 2019-4CCW	20	19	3.09	825 1075 1140	1881 1482 2929	0.11 0.18 0.28	875 1075 1140	1126 1836 2444	0.16 0.22 0.31	2
40100 40101	2023-4CW 2023-4CCW	20	23	3.703	825 1075 1140	2120 3120 3110	0.13 0.24 0.25	825 1075 1140	1080 2150 2360	0.15 0.26 0.30	2

MAX RPM 10-16" DIA. 1725 RPM 18"-26" DIA. 1140 RPM

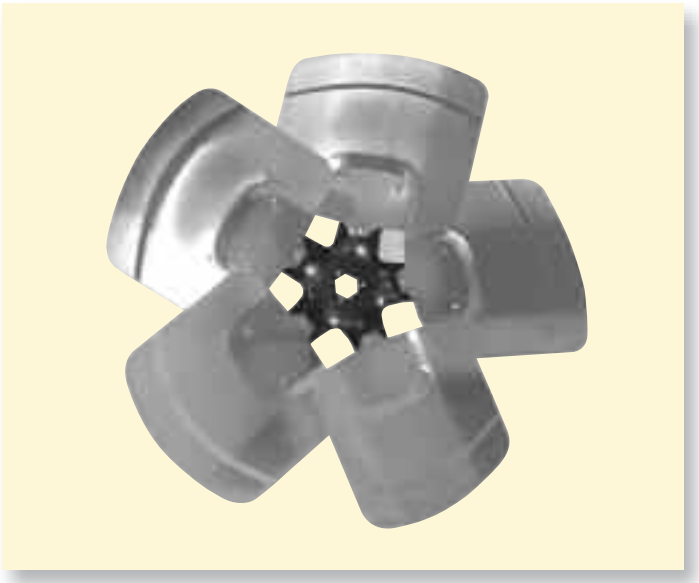
continued on next page

4 Wing Adapter Heavy Duty Condenser Fan Blades (cont.)

Universal Hex Adapter Hubs on page AM-21

MARS NO.	MODEL NO.	BLADE DIA.	PITCH DEG.	BLADE DEPTH	Static Pressure .10" RPM	Static Pressure .10" CFM	Static Pressure .10" BHP	Static Pressure .30" RPM	Static Pressure .30" CFM	Static Pressure .30" BHP	MARS PACK
40102 40103	2027-4CW 2027-4CCW	20	27	4.313	825 1075 1140	2340 3250 3430	0.14 0.26 0.28	825 1075 1140	1250 2550 2820	0.17 0.32 0.41	2
40137 40138	2029-4CW 2029-4CCW	20	29	4.63	825 1075 1140	2975 3706 4286	0.02 0.03 0.13	825 1075 1140	2022 2934 3760	0.25 0.36 0.51	2
40104 40105	2033-4CW 2033-4CCW	20	33	5.172	825 1075 1140	3170 3880 4120	0.17 0.39 0.45	825 1075 1140	1650 3095 3210	0.26 0.44 0.49	2
40106 40107	2223-4CW 2223-4CCW	22	23	3.703	825 1075 1140	3070 4120 4400	0.18 0.37 0.40	825 1075 1140	1990 3580 3900	0.23 0.46 0.50	2
40108 40109	2227-4CW 2227-4CCW	22	27	4.313	825 1075 1140	3560 4780 5210	0.21 0.44 0.44	825 1075 1140	2260 4270 4640	0.27 0.54 0.57	2
40110 40111	2233-4CW 2233-4CCW	22	33	5.172	825 1075 1140	4230 5210 5860	0.30 0.60 0.74	825 1075 1140	2450 4600 5220	0.37 0.69 0.80	2
40139 40140	2235-4CW 2235-4CCW	22	35	5.44	825 1075 1140	4431 5932 6385	0.32 0.51 0.75	825 1075 1140	3197 4778 5624	0.42 0.60 0.81	2
40143 40144	2418-4CW 2418-4CCW	24	18	2.94	825 1075 1140	3352 4442 4757	0.13 0.21 0.30	825 1075 1140	2559 4019 4432	0.20 0.27 0.37	2
41816 41817	2420-4CW 2420-4CCW	24	20	3.38	825 1075 1140	3648 1848 5199	0.20 0.33 0.48	825 1075 1140	2857 4296 4781	0.28 0.40 0.57	2
40112 40113	2423-4CW 2423-4CCW	24	23	3.703	825 1075 1140	3700 5200 5400	0.22 0.45 0.53	825 1075 1140	2280 4340 4600	0.30 0.54 0.61	2
40114 40115	2427-4CW 2427-4CCW	24	27	4.313	825 1075 1140	4300 5900 6220	0.34 0.55 0.66	825 1075 1140	2860 5170 5500	0.36 0.64 0.75	2
40116 40117	2433-4CW 2433-4CCW	24	33	5.172	825 1075 1140	4800 6600 7100	0.39 0.85 1.02	825 1075 1140	3000 5820 6310	0.50 0.92 1.10	2
40145 40146	2624-4CW 2624-4CCW	26	24	3.86	825 1075 1140	5383 7129 7629	0.39 0.61 0.89	825 1075 1140	4399 6376 7099	0.47 0.70 1.00	2
40118 40119	2627-4CW 2627-4CCW	26	27	4.313	825 1075 1140	5300 7110 7520	0.43 0.92 1.12	825 1075 1140	3590 6550 7180	0.51 1.02 1.20	2
40120 40121	2633-4CW 2633-4CCW	26	33	5.172	825 1075 1140	6050 8200 8810	0.52 1.13 1.30	825 1075 1140	4220 7250 8100	0.58 1.18 1.42	2

MAX RPM 10-16" DIA. 1725 RPM 18"-26" DIA. 1140 RPM



5 Wing Adapter Heavy Duty Condenser Fan Blades

Air MARS 5 wing adapter, heavy duty condenser fan blades are designed for rigorous R/HVAC pressure applications. They will accomodate universal hex/round adapter hubs for unlimited versatility. Air MARS adapter fan blades are durable, efficient, and quiet. They are manufactured using high strength aluminum alloy for the blades and sturdy steel for the blade spiders.

Blade depths and pitches specified for Air MARS adapter fan blades allow for the replacement of a broad range of commonly used fan blades.

Typical applications are:

- Air Cooled Condensers
- Residential Air Conditioners
- Heat Pumps
- Power Roof Ventilators
- Roof Top Air Conditioners
- Unit Heaters
- Fan Coil Units

Universal Hex Adapter Hubs on page AM-21

MARS NO.	MODEL NO.	BLADE DIA.	PITCH DEG.	BLADE DEPTH	Static Pressure .10" RPM	Static Pressure .10" CFM	Static Pressure .10" BHP	Static Pressure .30" RPM	Static Pressure .30" CFM	Static Pressure .30" BHP	MARS PACK
40150 **40151**	1627-5CW 1627-5CCW	16	27	3.33	825 1075 1140	1180 1570 1800	0.08 0.11 0.13	825 1075 1140	590 1250 1450	0.09 0.14 0.16	2
41818	1629-5CW	16	29	3.55	825 1075 1140	1267 1685 1955	0.09 0.14 0.16	825 1075 1140	633 1341 1574	0.10 0.16 0.19	2
40152 **40153**	1633-5CW 1633-5CCW	16	33	3.98	825 1075 1140	1440 1920 2200	0.09 0.15 0.18	825 1075 1140	680 1410 1600	0.11 1.17 0.22	2
41821	1825-5CCW	18	25	3.50	825 1075 1140	1667 2222 2546	0.10 0.14 0.21	825 1075 1140	1385 2028 2158	0.12 0.19 0.24	2
40154 **40155**	1827-5CW 1827-5CCW	18	27	4.25	825 1075 1140	1800 2400 2750	0.10 0.15 0.23	825 1075 1140	1100 1800 2030	0.14 0.23 0.26	2
40156 **40157**	1833-5CW 1833-5CCW	18	33	5.15	825 1075 1140	2120 3150 3270	0.13 0.28 0.31	825 1075 1140	1290 2199 2331	0.17 0.34 0.37	2
41825	2025-5CCW	20	25	3.99	825 1075 1140	1885 2584 2760	0.11 0.19 0.23	825 1075 1140	1379 1897 2011	0.18 0.35 0.38	2
40158 **40159**	2027-5CW 2027-5CCW	20	27	4.28	825 1075 1140	2620 3520 3790	0.14 0.35 0.40	825 1075 1140	1600 3050 3300	0.18 0.38 0.46	2
40160 **40161**	2033-5CW 2033-5CCW	20	33	5.15	825 1075 1140	3155 4230 4503	0.19 0.14 0.48	825 1075 1140	590 1250 1450	0.09 0.14 0.16	2

MAX RPM 16"-18" DIA. 1725 RPM 20"-24" DIA. 1140 RPM

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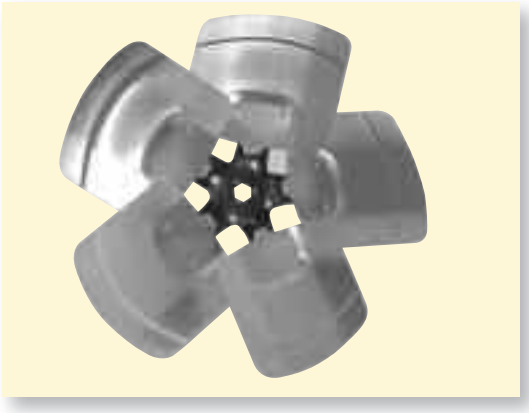
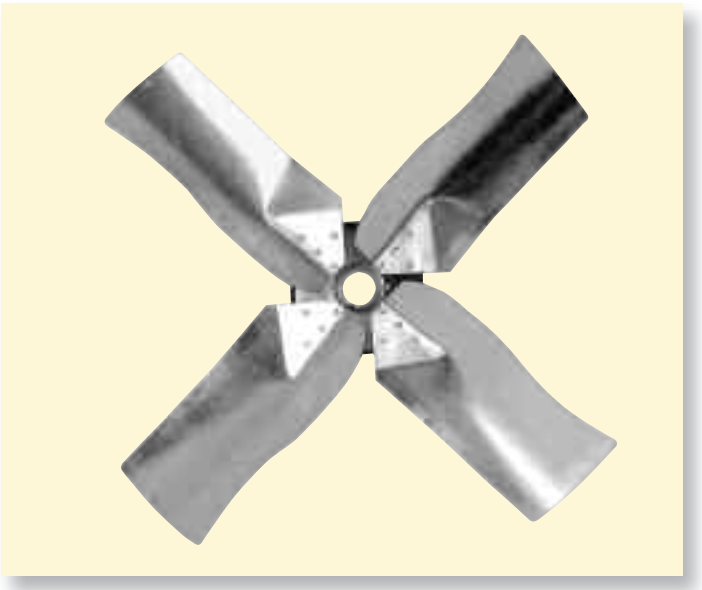


5 Wing Adapter Heavy Duty Condenser Fan Blades (cont.)

Universal Hex Adapter Hubs on page AM-21

MARS NO.	MODEL NO.	BLADE DIA.	PITCH DEG.	BLADE DEPTH	Static Pressure .10" RPM	Static Pressure .10" CFM	Static Pressure .10" BHP	Static Pressure .30" RPM	Static Pressure .30" CFM	Static Pressure .30" BHP	MARS PACK
40162 **40163**	2227-5CW 2227-5CCW	22	27	4.31	825 1075 1140	3410 4780 5070	0.27 0.60 0.73	825 1075 1140	2250 4200 4550	0.34 0.66 0.76	2
40164	2233-5CW	22	33	5.15	825 1075 1140	4130 5530 5780	0.34 0.74 0.90	825 1075 1140	2950 5100 5540	0.41 0.87 1.02	2
40166 **40167**	2427-5CW 2427-5CCW	24	27	4.31	825 1075 1140	4400 6060 6240	0.41 0.82 0.99	825 1075 1140	3500 5500 5980	0.47 0.96 1.06	2
40168	2433-5CW	24	33	5.15	825 1075 1140	5500 7470 7800	0.53 1.22 1.45	825 1075 1140	4350 6950 7500	0.62 1.26 1.52	2
40170	2627-5CW	26	27	4.31	720 825	4358 5677	0.40 0.52	720 825	3477 4489	.46 .60	2
40172	2633-5CW	26	33	5.14	720 825	5593 6536	0.39 0.57	720 825	4423 5169	.46 .66	2
41829	2829-5CCW	28	29	5.89	720 825	6784 7882	0.54 0.80	720 825	5365 6233	.63 .94	2
40176	2833-5CW	28	33	6.61	720 825	7588 8803	0.68 1.00	720 825	6001 6962	.75 1.17	2
40178 **40179**	3027-5CW 3027-5CCW	30	27	5.52	720 825	7519 8718	0.67 0.99	720 825	5946 6895	.74 1.16	2
41830 **41831**	3029-5CW 3029-5CCW	30	29	5.89	720 825	8101 9382	0.73 1.08	720 825	6412 7420	.85 1.27	2
40180	3033-5CW	30	33	6.61	720 825	9160 10595	0.94 1.40	720 825	7244 8377	1.06 1.65	2

MAX RPM 20"-24" DIA. 1140 RPM 26"-30" DIA. 850 RPM



KC & KH Blades

Air MARS KC series blades are designed for use in air circulators, cooling towers, air cooled condensing units, and small cooling towers. Performance figures are based on applicable standards such as ASHRAE 51/AMCA 210. Suitability for an application is the responsibility of the customer.

See page AM-11 for KC blades with fixed 5/8" hubs. Taper lock bushings for KC and KH blades are also listed on page AM-11.

Features:

- 4 wing blades
- high quality steel
- viewing from air discharge side - CW rotation

MARS NO.	MODEL NO.	NO.OF BLADES	BLADE DIA.	PITCH DEG.	BLADE DEPTH	Static Pressure .10" RPM	Static Pressure .10" CFM	Static Pressure .10" BHP	Static Pressure .30" CFM	Static Pressure .30" BHP	MAX RPM
40200	5-3363	4	24	28	2.75	850 1000 1140	4306 5223 6057	0.25 0.40 0.59	2849 4272 5274	0.28 0.45 0.64	1450
40201	5-3362	4	24	34	3.25	850 1000 1140	5188 6286 7288	0.36 0.58 0.84	3481 3159 6406	0.38 0.61 0.90	1450
40202	5-3298	4	26	28	2.63	850 1000 1140	5621 6794 7867	0.38 0.60 0.88	4352 5812 7025	0.42 0.65 0.94	1140
40203	5-2225	4	26	38	3.25	850 1000 1140	7629 9220 10676	0.52 0.81 1.19	5906 7888 9534	0.57 0.88 1.27	1140
40204	5-3660	4	28	38	3.25	850 1000 1140	9516 11195 12763	0.75 1.22 1.80	7367 8667 9881	0.81 1.35 1.92	1140
40205	5-3300	4	30	22	2.19	850 1000 1140	6691 8070 9337	0.40 0.63 0.92	5176 7051 8446	0.43 0.69 1.00	1140
40206	5-3299	4	30	30	2.88	850 1000 1140	8985 10809 12482	0.73 1.16 1.70	7209 9471 11354	0.79 1.25 1.81	1140
40207	5-2189	4	30	38	3.63	850 1000 1140	10655 12812 14791	1.00 1.62 2.40	8684 11301 13498	1.01 1.65 2.43	1140
40208	5-3301	4	36	32	3.63	720 850	13226 15892	1.26 2.04	11247 14340	1.33 2.14	850
40209	5-3302	4	36	34	3.81	720 850	13749 16511	1.40 2.29	11764 14936	1.46 2.38	850
40211	5-2190	4	36	38	5.18	720 850	14608 17542	1.56 2.56	13148 16694	1.63 2.66	850

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KC & KH Blades (cont.)

MARS NO.	MODEL NO.	NO. OF BLADES	BLADE DIA.	PITCH DEG.	BLADE DEPTH	Static Pressure .10" RPM	Static Pressure .10" CFM	Static Pressure .10" BHP	Static Pressure .30" CFM	Static Pressure .30" BHP	MAX RPM
40212	5-3340	4	42	30	4.69	500 600 850	13816 17126 25081	0.91 1.56 4.31	9352 14301 23385	1.00 1.71 4.49	850
40213	5-3304	4	42	38	5.75	500 600 850	16716 20609 30078	1.43 2.42 6.74	11123 17685 28320	1.48 2.59 7.05	850
40214	5-3305	4	48	28	4.38	500 600 700	20830 25505 30148	1.68 2.85 4.49	17768 23334 28267	1.86 3.08 4.76	700
40216	5-2192	4	48	38	4.25	500 600 700	26413 32170 37853	2.44 4.14 6.51	23059 29749 35938	2.76 4.55 6.94	700
40220	5-3279	4	60	38	4.00	300 400 475	16659 26210 32492	0.88 2.02 3.30	7311 15423 24236	1.19 2.20 3.58	500

KC Blades with 5/8" Hub

MARS NO.	MODEL NO.	ROTATION	BLADE DIA.	PITCH DEG.	NO. OF BLADES	MAX RPM
40396	5-3484	CW	28	34°	4	1140
40397	5-2223	CW	30	30°	4	1140

Taper Lock Bushings

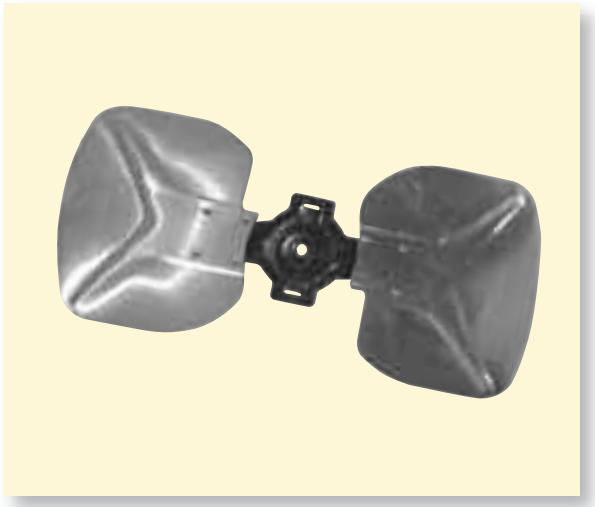
For use with KC & KH blades listed on pages AM–10 & 11

H Bushing for 24"- 48" Blades

MARS NO.	BORE	KEYWAYS
40230	1/2"	Shaft
40232	5/8"	Shaft
40231	3/4"	Shaft
40233	13/16"	Shaft
40234	7/8"	Shaft
40235	1"	Shaft
40236	1-1/4"	Shaft
40237	1-1/8"	Shaft
40238	1-3/16"	Shaft
40239	1-3/8"	Shaft

P Bushing for 54"- 60" Blades

MARS NO.	BORE	KEYWAYS
40243	3/4"	Shaft/Hub
40240	1"	Shaft/Hub
40242	1-1/8"	Shaft/Hub
40241	1-1/4"	Shaft/Hub
40244	1-3/16"	Shaft/Hub



Fixed Hub Blades

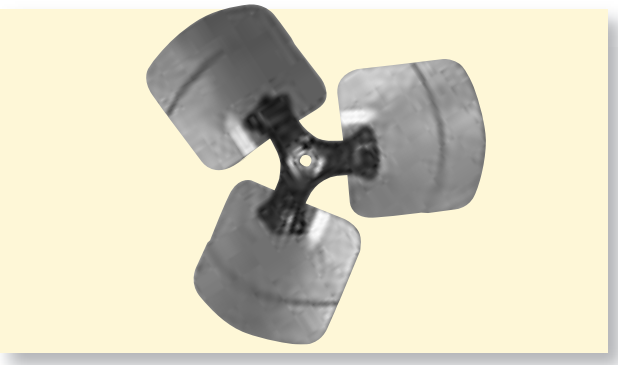
Air MARS 2 and 3 wing blades are designed for lower static pressure applications. They will fit OEM's such as Carrier, Rheem Rudd, GE, Trane, Singer-climate control, York and others.

Available from 14" to 24" blade diameter with 1/2" assembled hub.

Always note original fan blade hub location (intake or discharge) and match when selecting fixed hub replacement fan blades.

2-Wing Blades with 1/2" Hub

MARS NO.	MODEL NO.	ROTATION	BLADE DIA.	PITCH DEG.	HUB LOCATION	MARS PACK
40300 **40301**	6-9871-BP 6-9788	CW CCW	14	36°	Discharge Intake	2
40302	601274	CCW	18	19°	Intake	2
40305	T1802-24	CW	18	24°	Intake	2
40307 **40308**	6-9250 6-9205	CW CCW	18	29°	Intake	2
40309	6-9254	CCW	18	36°	Intake	2
40313	6-9252	CCW	20	25°	Intake	2
40314 **40315**	6-9251 6-9206	CW CCW	20	29°	Intake	2
40316	6-9253	CCW	20	34°	Intake	2
40317	601376	CCW	22	16°	Intake	2
40318	602152	CCW	22	21°	Intake	2
40319	T2202-22	CCW	22	22°	Intake	2
40320	600041	CCW	22	27°	Intake	2
40321	600455	CCW	22	29°	Intake	2
40324	6-9299	CCW	24	24°	Intake	2
40325	T2402-26	CW	24	26°	Discharge	2



Fixed Hub Blades

Air MARS 2 and 3 wing blades are designed for lower static pressure applications. They will fit OEM's such as Carrier, Rheem Rudd, GE, Trane, Singer-climate control, York and others.

Available from 14" to 26" blade diameter with 1/2" assembled hub.

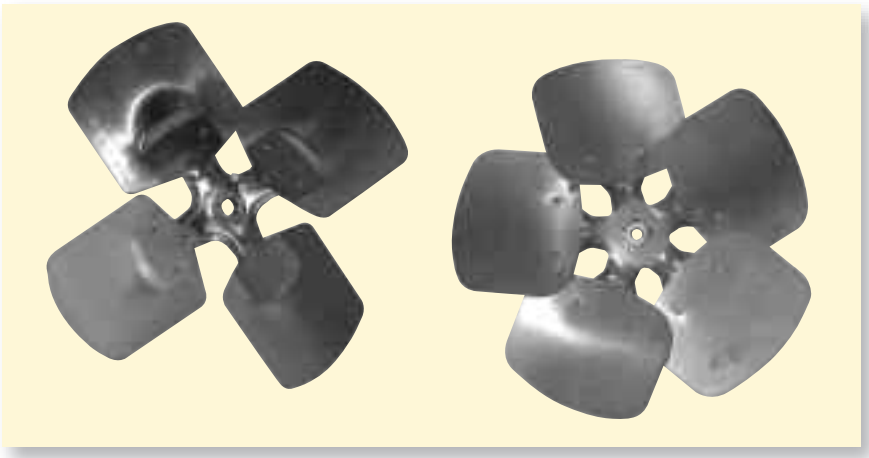
Always note original fan blade hub location (intake or discharge) and match when selecting fixed hub replacement fan blades.

3-Wing Blades with 1/2" Hub

MARS NO.	MODEL NO.	ROTATION	BLADE DIA.	PITCH DEG.	HUB LOCATION	MARS PACK
40328	6-9255	CW	14	32°	Discharge	2
40329	602047	CCW	14	33°	Intake	2
40331	T1403-28	CW	16	28°	Intake	2
40332	T1403-30	CW	16	30°	Intake	2
40333	6-9257	CW	16	33°	Discharge	2
40334	600893	CCW	16	33°	Intake	2
40336	601275	CCW	18	22°	Intake	2
40338	T1803-26	CW	18	26°	Discharge	2
40339	T1803-27	CCW	18	26°	Intake	2
40340	601276	CW	18	27°	Discharge	2
40343	6-9259	CW	18	33°	Discharge	2
40347	6-0316	CW	20	23°	Discharge	2
40348	601278	CCW	20	25°	Intake	2
40349	601279	CW	20	31°	Discharge	2
40350	T2203-20	CW	22	20°	Intake	2
40353	600240	CW	22	24°	Intake	2
40352	UT Series	CW	22	24°	Discharge	2
40355	T2203-28	CW	22	28°	Intake	2
40356 40357	600896 600916	CW CCW	22	33°	Intake	2
40358 40323	602048 601280	CW CCW	24	22°	Intake	2
40359	601383	CW	24	30°	Intake	2
40360	602297	CW	24	33°	Intake	2
40362	601291	CW	26	26°	Discharge	2
40363	T2603-27	CW	26	27°	Intake	2
40364	601282	CW	26	37°	Intake	2

5/8" Hub

MARS NO.	MODEL NO.	ROTATION	BLADE DIA.	PITCH DEG.	HUB LOCATION	MARS PACK
40365	KA3018	CW	30	18	Discharge	2



Fixed Hub Blades

Air MARS fixed hub heavy duty condenser fan blades have been designed to serve as drop-in replacements for many OEM applications.

Hub location is on the intake side unless otherwise noted.

Always note original fan blade hub location (intake or discharge) and match when selecting fixed hub replacement fan blades.

4-Wing Blades with Hub

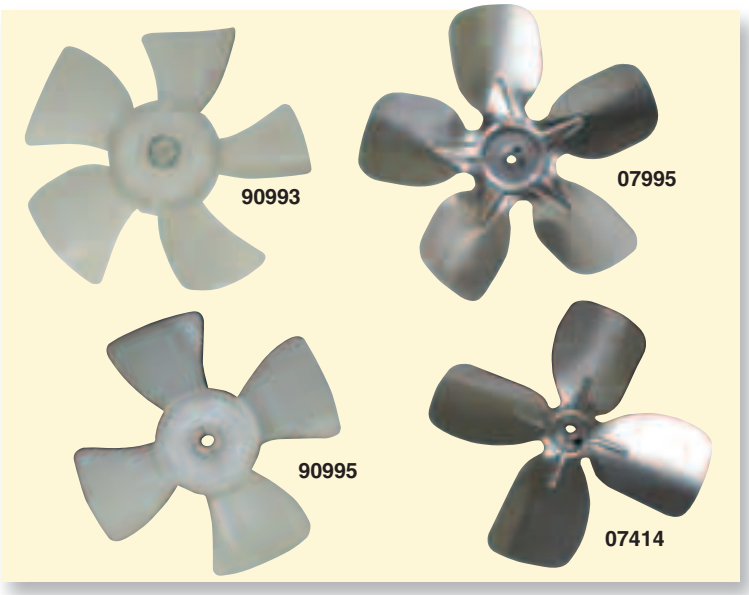
MARS NO.	MODEL NO.	ROTATION	BLADE DIA.	PITCH DEG.	BORE & LOCATION	MARS PACK
40369	6-9256	CW	14	33˚	1/2”	2
40372	6-9258	CW	16	33˚	1/2” Discharge	2
40375	601375	CW	18	30˚	1/2”	2
40376	6-9260	CW	18	33˚	1/2” Discharge	2
40377	T2004	CW	20	20˚	1/2” Discharge	2
40378	6-9992	CW	20	33˚	1/2”	2
40379	602689	CW	20	36˚	1/2”	2
40380	6-8745	CW	22	24˚	1/2” Discharge	2
40381	T2204-26	CW	22	26˚	1/2”	2
40382	600895	CCW	22	33˚	1/2”	2
40383	T2404-20	CW	24	20˚	1/2” Discharge	2
40384	T2404	CW	24	22˚	1/2”	2
40387	600794	CCW	24	27˚	1/2”	2
40389	601748	CW	26	30˚	5/8” Discharge	2
40391	601293	CW	28	29˚	1/2” Discharge	2
40392	601296	CW	30	22˚	5/8”	2
40393	6-8154	CW	30	27˚	5/8” Discharge	2
40394	601704	CW	30	40˚	5/8”	2

12-18” DIA. MAX. RPM 1725 20-28” DIA. MAX. RPM 1140 30” DIA. MAX. RPM 850

5-Wing Blades with Hub

MARS NO.	MODEL NO.	ROTATION	BLADE DIA.	PITCH DEG.	BORE & LOCATION	MARS PACK
40402 40403	600176 600177	CW CCW	16	33˚	1/2” Discharge	2
40404 40405	600178 F1805-33	CW CCW	18	33˚	1/2” Discharge	2
40406	601292	CW	26	29˚	5/8” Discharge	2

16-18” DIA. MAX. RPM 1725 26” DIA. MAX. RPM 1140



Single Piece Aluminum and Plastic Fan Blades

Air MARS plastic fan blades are used in many applications that require quiet, efficient air flow within limited space.

Air MARS one piece aluminum fan blades feature a patented hubbing method. Air MARS fan blades are designed for low noise and energy efficient operation.

Applications:

- Walk-in coolers and freezers
- Icemakers
- Refrigerators
- Condensers
- Vending Machines

Plastic Fan Blades

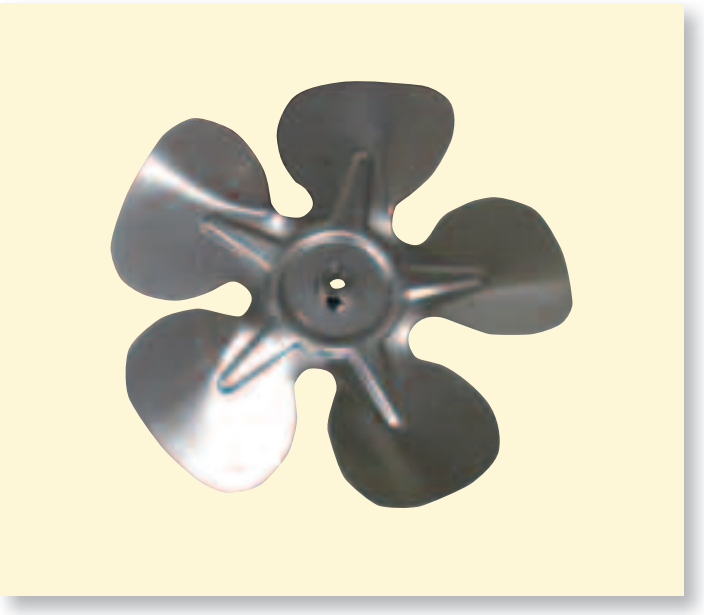
MARS NO.	WINGS	DIA.	ROT.	BORE	APPROX. CFM 3000 RPM	ACME	PACKARD
90995	4	3.50	CW	3/16"	65	2303	—
90996	4	3.50	CCW	3/16"	65	2313	A61302
90992	5	4.00	CW	1/8"	110	2402	A61401
90993	5	4.00	CCW	1/8"	110	2412	A61403
90991	5	4.00	CCW	3/16"	110	2413	A61404
90987	4	6.00	CW	3/16"	216	2603	—

4 Wing Single Piece Aluminum Fan Blades

MARS NO.	WINGS	DIA.	DEG. PITCH	ROT.	BORE	HUB	APPROX. CFM 3000 RPM	LAU NO.	ACME	FASCO	PACKARD
07411	4	6.00	19	CW	3/16"	I	85				A61469
07414	4	6.00	19	CW	1/4"	I	85				A61470
07421	4	6.50	19	CW	3/16"	I	110				A61471

5 Wing Single Piece Aluminum Fan Blades Hub on Discharge

MARS NO.	WINGS	DIA.	DEG. PITCH	ROT.	BORE	HUB	APPROX. CFM 1550 RPM	LAU NO.	ACME	FASCO	PACKARD
07081	5	8.00	24	CW	1/4"	D	300			5FR824-1	
07991	5	9.00	26	CW	5/16"	D	345				
07992	5	9.00	26	CCW	5/16"	D	345	60-8363-01			
07093	5	10.00	20	CW	1/4"	D	450				
07993	5	10.00	20	CW	5/16"	D	450				
07997	5	10.00	28	CW	5/16"	D	600				
07995	5	10.00	31	CW	5/16"	D	650				
07996	5	10.00	31	CCW	5/16"	D	650	60-8367-01			
07998	5	10.00	40	CW	5/16"	D	850				
07921	5	12.00	23	CW	5/16"	D	970				
07922	5	12.00	23	CCW	5/16"	D	970				



Single Piece Aluminum Fan Blades

Air MARS one piece aluminum fan blades feature a patented hubbing method. Air MARS fan blades are designed for low noise and energy efficient operation.

Applications:

- Walk-in coolers and freezers
- Icemakers
- Refrigerators
- Condensers
- Vending Machines

5 Wing Hub on Intake

MARS NO.	WINGS	DIA.	DEG. PITCH	ROT.	BORE	HUB	APPROX. CFM 1550 RPM	LAU NO.	ACME	FASCO	TORIN AIRDEX	PACKARD
07451	5	5.50	27	CW	1/4"	I	85		35504			A65504
07452	5	5.50	27	CCW	1/4"	I	85		35514			A65515
07551	5	5.50	27	CW	5/16"	I	85					
07552	5	5.50	27	CCW	5/16"	I	85					
07631	5	6.00	27	CW	1/4"	I	106		30604			A60604
07632	5	6.00	27	CCW	1/4"	I	106		30614			A60614
07635	5	6.50	27	CW	1/4"	I	118		36504			A66504
07636	5	6.50	27	CCW	1/4"	I	118		36514			A66514
07462	5	7.00	21	CW	1/4"	I	190					
07471	5	7.00	27	CW	1/4"	I	200	60-8348-01	30704	5FR727-1		A60704
07472	5	7.00	27	CCW	1/4"	I	200	60-8349-01	30714	5FL727-1		A60714
07571	5	7.00	27	CW	5/16"	I	200	60-8350-01	30705	5FR727-2		
07572	5	7.00	27	CCW	5/16"	I	200	60-8351-01	30715	5FL727-2		
07481	5	8.00	24	CW	1/4"	I	300	60-8352-01		5FR824-1	1010352 CW	
07482	5	8.00	24	CCW	1/4"	I	300	60-8353-01		5FL824-1	1010632 CCW	
07581	5	8.00	24	CW	5/16"	I	300	60-8352-01		5FR824-2	1010642 CW	
07582	5	8.00	24	CCW	5/16"	I	300	60-8353-01		5FL824-2	1010652 CCW	
07483	5	8.00	32	CW	1/4"	I	330					
07484	5	8.00	32	CCW	1/4"	I	330					
07583	5	8.00	32	CW	5/16"	I	330			5FR832-2		
07584	5	8.00	32	CCW	5/16"	I	330			5FL832-2		

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Single Piece Aluminum Fan Blades

Air MARS one piece aluminum fan blades feature a patented hubbing method. Air MARS fan blades are designed for low noise and energy efficient operation.

Applications:

- Walk-in coolers and freezers
- Icemakers
- Refrigerators
- Condensers
- Vending Machines

5 Wing Hub on Intake

MARS NO.	WINGS	DIA.	DEG. PITCH	ROT.	BORE	HUB	APPROX. CFM 1550 RPM	LAU NO.	ACME	FASCO	TORIN AIRDEX	PACKARD
07491	5	9.00	26	CW	1/4"	I	345			5FR926-1		
07492	5	9.00	26	CCW	1/4"	I	345			5FL926-1		
07591	5	9.00	26	CW	5/16"	I	345	60-8362-01		5FR926-2		
07592	5	9.00	26	CCW	5/16"	I	345	60-8363-01		5FL926-2		
07493	5	10.00	20	CW	1/4"	I	450			5FR1020-1		
07494	5	10.00	20	CCW	1/4"	I	450			5FL1020-1		
07593	5	10.00	20	CW	5/16"	I	450	60-8368-01		5FR1020-2		
07594	5	10.00	20	CCW	5/16"	I	450	60-8369-01		5FL1020-2		
07597	5	10.00	28	CW	5/16"	I	600					
07595	5	10.00	31	CW	5/16"	I	650	60-8370-01		5FR1031-2	1010362 CW	
07596	5	10.00	31	CCW	5/16"	I	650	60-8371-01		5FL1031-2	1010692 CCW	
07521	5	12.00	23	CW	5/16"	I	920					
07641	5	12.00	25	CW	5/16"	I	990		31205		1010022 CW	A61205
07642	5	12.00	25	CCW	5/16"	I	990		31215			A61215

Single Piece Aluminum Fan Blades

Air MARS one piece aluminum fan blades for unit bearing motors are designed for low noise and energy efficient operation.

Applications:

- Evaporator Coils
- Refrigerators
- Vending Machines

3, 4 & 5 Wing Unit Bearing Mount

MARS NO.	WINGS	DIA.	DEG. PITCH	ROT.	BORE	HUB	APPROX. CFM 1550 RPM	LAU NO.	ACME	FASCO	TORIN AIRDEX	PACKARD
07005	3	7.75	30	CW	UB	NONE	300	60-8382-01				
07006	3	8.75	23	CW	UB	NONE	375	60-8397-01				
07007	3	8.75	32	CW	UB	NONE	420	60-8383-01				
S-07002	4	7.75		REV	UB	NONE	210			S-7002		
S-07003	4	8.75		REV	UB	NONE	332			S-7003		
S-07004	4	10.00		REV	UB	NONE	414			S-7004		
95131	5	5.50	31	CW	UB	NONE	100					
95621	5	6.00	21	CW	UB	NONE	118		3606			A61101
95622	5	6.00	21	CCW	UB	NONE	118		3616			A61102
95628	5	6.00	28	CW	UB	NONE	134					
95629	5	6.00	28	CCW	UB	NONE	134					
07610	5	6.00	31	CW	UB	NONE	160		3606-31		1010402 CW	A63607
07611	5	6.00	31	CCW	UB	NONE	160		3616-31		1010462 CCW	A63617
95641	5	6.00	40	CW	UB	NONE	300					
95711	5	7.00	15	CW	UB	NONE	130					
95721	5	7.00	21	CW	UB	NONE	150	60-8372-01	3706	5FR721		
95722	5	7.00	21	CCW	UB	NONE	150		3716			
95723	5	7.00	25	CW	UB	NONE	170					
95731	5	7.00	31	CW	UB	NONE	199	60-8373-01	3706-31		1010412 CW	
95732	5	7.00	31	CCW	UB	NONE	199		3716-31		1010472 CCW	
95741	5	7.00	40	CW	UB	NONE	300					
95742	5	7.00	40	CCW	UB	NONE	300					
95735	5	7.75	23	CW	UB	NONE	250					
95737	5	7.75	31	CW	UB	NONE	278					
95821	5	8.00	20	CW	UB	NONE	210					
95822	5	8.00	20	CCW	UB	NONE	210					
95823	5	8.00	25	CW	UB	NONE	280	60-8376-01	3806			A63816

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Single Piece Aluminum Fan Blades

Air MARS one piece aluminum fan blades for unit bearing motors are designed for low noise and energy efficient operation.

Applications:

- Evaporator Coils
- Refrigerators
- Vending Machines

5 Wing Unit Bearing Mount

MARS NO.	WINGS	DIA.	DEG. PITCH	ROT.	BORE	HUB	APPROX. CFM 1550 RPM	LAU NO.	ACME	TORIN AIRDEX	PACKARD
95831	5	8.00	31	CW	UB	NONE	300	60-8377-01	3806-31	1010432 CW	
95832	5	8.00	31	CCW	UB	NONE	300		3816-31	1010492 CCW	
95841	5	8.00	40	CW	UB	NONE	400				
95842	5	8.00	40	CCW	UB	NONE	400				
95865	5	8.00	50	CW	UB	NONE	500				
95866	5	8.00	50	CCW	UB	NONE	500				
95875	5	8.75	25	CW	UB	NONE	300				
95923	5	9.00	25	CW	UB	NONE	335				
07721	5	9.00	27	CW	UB	NONE	345		3906		A63906
07722	5	9.00	27	CCW	UB	NONE	345		3916		A63916
95931	5	9.00	31	CW	UB	NONE	370	60-8379-01	3906-31	1010452 CW	
95932	5	9.00	31	CCW	UB	NONE	370		3916-31	1010512 CCW	
95941	5	9.00	40	CW	UB	NONE	425				
95021	5	10.00	20	CW	UB	NONE	450				
95022	5	10.00	20	CCW	UB	NONE	450				
95027	5	10.00	28	CW	UB	NONE	425		3106		A63126
95028	5	10.00	27	CCW	UB	NONE	425		3116		A63116
95031	5	10.00	31	CW	UB	NONE	650	60-8381-01	3106-31	1010442 CW	A61108
95032	5	10.00	31	CCW	UB	NONE	650		3116-31	1010502 CCW	A63117
95041	5	10.00	40	CW	UB	NONE	880				

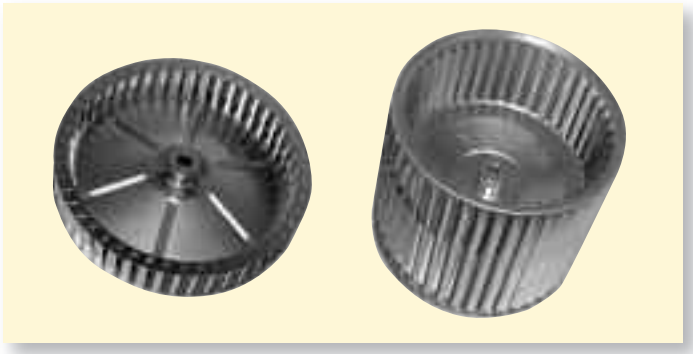
Small Wheels

Double Inlet

Air MARS plastic precision blower wheels are molded for reliable, efficient performance.

Plastic Wheels - Double Inlet

MARS NO.	MODEL NO.	WHEEL DIA.	WIDTH	BORE	MATERIAL
41500	2169-A	5.75	7.8	1/2	Poly-Pro CC

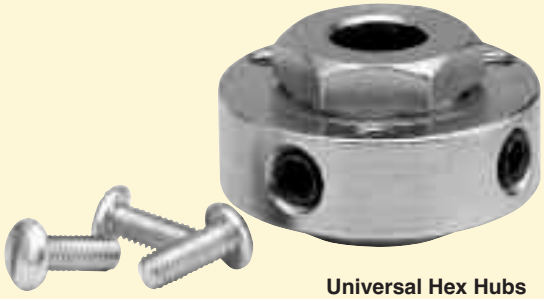


OEM Blower Wheels
Single Inlet Blower Wheels

Special orders are available. Check with MARS customer service for minimum quantities on non-stock items.

Please review special order information request on page AM-45.

MARS NO.	MODEL NO.	ROTATION	WHEEL DIA.	WHEEL WIDTH	BORE	MAX RPM
41204	1-6444	CCW	7.12	1.87	1/2	4000
41205	1-6521	CCW	8.00	2.37	1/2	3200
41212	108389	CCW	8.50	2.00	5/8	3350
41208	107139	CCW	9.12	1.75	5/8	3500
41201	1-3265	CCW	9.87	2.00	5/8	3000
41202	1-3266	CCW	9.87	2.00	5/8	3000
41209	107140	CCW	9.87	2.50	5/8	2550
41213	101891	CCW	9.87	1.50	5/8	3475
41241	BC987-150S	CCW	9.87	1.50	5/8	3000
41242	BC987-212S	CCW	9.87	2.12	1/2	3000
41207	104950	CCW	10.75	1.75	5/8	3000
41221	106107	CW	10.75	2.00	5/8	1750



Universal Hex Hubs

Air MARS Accessories

Universal Hex Hubs

MARS Universal Hex Hubs are designed to provide a firm mechanical fit with hex or round bore adapter fan blades. These hubs are machined steel, designed with tri-point mount for secure spider/hub connections. MARS Universal Hex Hubs include 2 set screws, for shaft fastening, offset at 90 degrees.

MARS NO.	BORE	PER PACK
40002	1/4”	1
40003	5/16”	1
40004	3/8”	1
40005	1/2”	1
40006	5/8”	1
40007	3/4”	1

Air MARS Tools

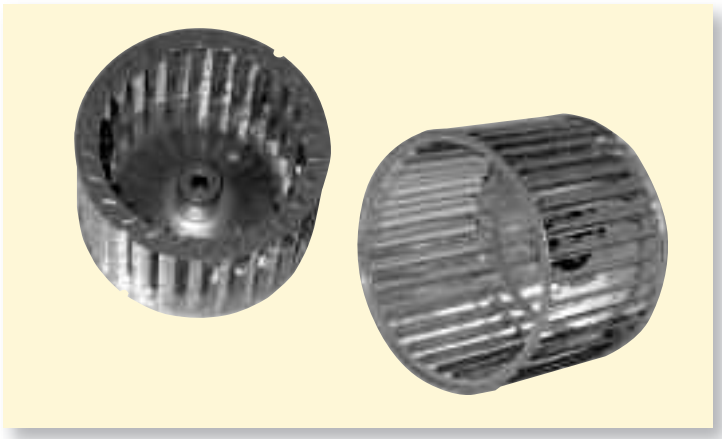
MARS NO.	DESCRIPTION
40851	Fan Blade Pitch Gauge

Follow these steps to measure propeller rotation and pitch:

Step 1: Position the faceplate of the gauge on the blade of the fan.

Step 2: Place the foot of the wire body of the Pitch Guage on the center section (spider) of the fan.

Step 3: The pointer gives a direct reading of the pitch in degrees, and the clockwise/counter-clockwise markings indicate the rotation.



Small Wheels

Single Inlet

Air MARS Single Inlet wheels are used in a variety of commercial and residential applications, for room air conditioners, power burners, draft inducers, other heating and appliance devices. Rotation is determined viewing the closed end of the wheel.

MARS NO.	MODEL NO.	ROTATION	WHEEL DIA.	WHEEL WIDTH	HUB
40563	107039	CCW	4	2-1/2	1/4
40564	1-6696	CCW	4	1-1/2	5/16
40565	2-2443	CCW	4-1/2	2-7/8	1/4

MARS NO.	MODEL NO.	ROTATION	WHEEL DIA.	WHEEL WIDTH	HUB	RPM	.1" S.P. CFM	.1" S.P. BHP	.3" S.P. CFM	.3" S.P. BHP
40608	2-0047	CCW	5.25	2.50	5/16	1725	255	0.053	223	0.045
40609	2-0253	CW	5.25	2.50	5/16	1725	255	0.053	223	0.045
40610	2-0053	CW	5.25	3.00	5/16	1725	297	0.075	264	0.064
40612	2-0609	CCW	5.75	2.94	5/16	1725	381	0.122	341	0.108
40613 40614	2-1350 2-0099	CW CCW	5.75	3.50	1/2	1000 1725	219 427	0.023 0.139	- 378	- 0.121
40615	2-0353	CW	5.75	4.00	1/2	1000 1725	250 481	0.025 0.150	- 431	- 0.131

4" - 5.25" DIA. MAX. RPM 3600 RPM 5.25" DIA. MAX. RPM 2800 RPM Note: MARS No. 40612 only RPM 3000

MARS NO.	MODEL NO.	ROTATION	WHEEL DIA.	WHEEL WIDTH	HUB	RPM	.1" S.P. CFM	.1" S.P. BHP	.3" S.P. CFM	.3" S.P. BHP
40618	1-7890	CCW	6.31	2.00	1/2	3450	831	1.294	818	1.274
40619 40620	1-3414 106837	CW CCW	6.31	2.50	1/2	1000 3450	268 1013	0.035 1.669	179 996	0.022 1.633
40623 40624	107694 1-6085	CW CCW	6.31	3.00	1/2	1000 1725	326 600	0.042 0.236	218 560	0.026 0.215
40625 40626	1-1548 1-4873	CW CCW	6.31	3.25	1/2	1000 1000	260 260	0.028 0.028	118 118	0.012 0.012
40630 40631	107035 107036	CW CCW	6.31	4.00	1/2	1000 1725	437 804	0.056 0.320	307 753	0.036 0.289
40635	1-4880	CCW	7.47	3.50	1/2	1725	1031	0.780	976	0.645
40637 40638	1-1348 1-1992	CW CCW	8.50	4.00	1/2	1000 1550	902 1428	0.266 1.023	825 1387	0.229 0.977
40641	1-5266	CW	9.125	4.25	1/2	1000	1005	0.122	896	0.108
40642	1-8189	CW	9.875	2.00	5/8	1000	632	0.209	588	0.191
40643	1-2074	CCW	9.875	6.00	1/2	1000	1600	0.521	1465	0.456

Small Wheels

Double Inlet

Air MARS Double inlet wheels are used in many popular air handlers. The wheels below are made of galvanized steel unless indicated otherwise. Rotation is determined viewing the hub extension.

MARS NO.	MODEL NO.	ROTATION	WHEEL DIA.	WHEEL WIDTH	HUB	RPM	.1" S.P. CFM	.1" S.P. BHP	.3" S.P. CFM	.3" S.P. BHP
41100	2-1648	CW	4.75	5.13	1/2	1000 3450	189 866	0.008 0.492	- 835	- 0.467
41102 41103	2-0414 2-0415 Alum.	CW CCW	4.75	7.00	1/2	1725 1725	555 555	0.115 0.115	455 455	0.092 0.092
41104	2-0513	CW	5.25	5.88	1/2	1000 3450	307 1231	0.025 1.265	- 1412	- 1.483
41105 41134	2-2401 2-2386 Alum.	CW CW	5.25	6.88	1/2	1000 3450	359 1450	0.029 1.563	- 1412	- 1.483
41107 41108	2-0223 2-0891	CW CCW	5.25	7.00	1/2	1725 1725	710 710	0.090 0.090	620 620	0.075 0.075
41109 41110	107622 107623	CW CCW	5.50	6.50	1/2	1000 1725	396 765	0.042 0.254	- 684	- 0.217
41111	2-2402	CW	5.75	5.16	1/2	1000 1725	396 725	0.035 0.217	- 682	- 0.205
41112	2-0464	CW	5.75	5.88	1/2	1000 1725	396 765	0.042 0.254	- 681	- 0.217
41113	2-2406	CW	5.75	6.88	1/2	1000 1725	439 854	0.047 0.278	- 755	- 0.241
41114 41115	2-0600 2-0678	CW CCW	5.75	7.625	1/2	1000 1725	439 854	0.047 0.278	- 755	- 0.241
41116 41117	2-2408 2-0304	CW CCW	5.75	8.00	1/2	1000 1725	500 976	0.065 0.390	- 863	- 0.35
41118	106729	CW	5.75	8.50	1/2	1000	710	0.078	-	-
41121	103307 Alum.	CW	5.75	7.875	1/2	1000	455	0.047	105	0.011
41123	2-2405	CW	6.22	7.00	1/2	1000	626	0.040	406	0.120
41124	2-0089	CCW	6.22	7.625	1/2	1725	274	0.063	212	0.047
41125	2-2407	CW	6.22	8.00	1/2	1000	705	0.042	500	1.250
41126 41127	1-0439 1-0438	CW CCW	6.25	7.00	1/2	1000 1000	625 625	0.077 0.077	415 415	0.046 0.046
41129	102119	CCW	6.31-25	6.25	1/2	1000	640	0.084	465	0.056
41130	106730	CW	6.31-25	7.625	1/2	1000	733	0.112	537	0.074
41131	2-2279	CW	6.50	7.87	1/2	1000	757	0.120	550	0.077
41132	802653	CW	7.50	9.00	1/2	1000	830	0.125	603	0.087

Direct Drive Furnace Blower Wheels

44 separate quality checks ensure the production process for Air MARS belt drive blower wheels. Rigorous quality standards, high quality raw material and experienced manufacturing all work together to make Air MARS blower wheels your best choice.

Air MARS Direct Drive Blower Wheels are designed to work as "drop in" replacements for all major HVAC OEM equipment.

MARS NO.	DESCRIPTION	ROT.	CENTER DISC	DIA.	WIDTH	BORE	LAU#	RPM	.1" S.P. CFM	.1" S.P. BHP	.3" S.P. CFM	.3" S.P. BHP
41303	9-6 DD Blower Wheel	CW	Convex	9.50	6.06	0.50	013335-01	1000	1395	.40	1240	.36
41302	9-6 DD Blower Wheel	CCW	Convex	9.50	6.06	0.50		1250	1744	.77	1650	.74
41301	9-6 DD Blower Wheel	CW	Concave	9.50	6.06	0.50		1000	1395	.40	1240	.36
41300	9-6 DD Blower Wheel	CCW	Concave	9.50	6.06	0.50		1250	1744	.77	1650	.74
41307	9-7 DD Blower Wheel	CW	Convex	9.50	7.12	0.50	013336-02	1000	1600	.50	1400	.42
41306	9-7 DD Blower Wheel	CCW	Convex	9.50	7.12	0.50	013336-03	1250	1950	1.01	1850	.89
41305	9-7 DD Blower Wheel	CW	Concave	9.50	7.12	0.50		1000	1600	.50	1400	.42
41304	9-7 DD Blower Wheel	CCW	Concave	9.50	7.12	0.50		1250	1950	1.01	1850	.89
41311	9-8 DD Blower Wheel	CW	Convex	9.50	8.06	0.50	013337-01	1000	1720	.50	1460	.42
41310	9-8 DD Blower Wheel	CCW	Convex	9.50	8.06	0.50	013337-03	1200	2000	.86	1850	.79
41309	9-8 DD Blower Wheel	CW	Concave	9.50	8.06	0.50		1000	1720	.50	1460	.42
41308	9-8 DD Blower Wheel	CCW	Concave	9.50	8.06	0.50		1200	2000	.86	1850	.79
41365	9-9 DD Blower Wheel	CW	Convex	9.50	9.50	0.50	013332-01	1000	1750	.51	1550	.43
41312	9-9 DD Blower Wheel	CW	Concave	9.50	9.50	0.50		1200	2150	.93	2000	.83
41361	9-9 DD Blower Wheel	CCW	Concave	9.50	9.50	0.50	013332-03					
41314	10-4 DD Blower Wheel	CW	Convex	10.62	4.50	0.50	013327-01	1000	1130	.36	1050	.33
41313	10-4 DD Blower Wheel	CW	Concave	10.62	4.50	0.50		1200	1395	.63	1300	.57
41316	10-6 DD Blower Wheel	CW	Concave	10.62	6.06	0.50		1000	1680	.36	1550	.31
41318	10-6 DD Blower Wheel	CW	Convex	10.62	6.06	0.50	013326-01	1200	2010	.62	1910	.59
41321	10-6 DD Blower Wheel	CW	Convex	10.62	6.06	0.62	013326-14	1000	1680	.36	1550	.31
41317	10-6 DD Blower Wheel	CCW	Convex	10.62	6.06	0.50	013326-02	1200	2010	.62	1910	.59
41320	10-6 DD Blower Wheel	CW	Concave	10.62	6.06	0.62		1000	1680	.36	1550	.31
41315	10-6 DD Blower Wheel	CCW	Concave	10.62	6.06	0.50		1200	2010	.62	1910	.59
41319	10-6 DD Blower Wheel	CCW	Concave	10.62	6.06	0.62						
41323	10-7 DD Blower Wheel	CW	Convex	10.62	7.12	0.50	013325-01	1000	2150	.85	1990	.71
41362	10-7 DD Blower Wheel	CCW	Convex	10.62	7.12	0.50	027102-04	1200	2600	1.57	2490	1.36
41322	10-7 DD Blower Wheel	CW	Concave	10.62	7.12	0.50						
41327	10-8 DD Blower Wheel	CW	Convex	10.62	8.06	0.50	013324-01	1000	2300	.83	2100	.71
41326	10-8 DD Blower Wheel	CCW	Convex	10.62	8.06	0.50	013324-02	1200	2800	1.49	2620	1.34
41325	10-8 DD Blower Wheel	CW	Concave	10.62	8.06	0.50		1000	2300	.83	2100	.71
41324	10-8 DD Blower Wheel	CCW	Concave	10.62	8.06	0.50		1200	2800	1.49	2620	1.34

Direct Drive Furnace Blower Wheels

44 separate quality checks ensure the production process for Air MARS belt drive blower wheels. Rigorous quality standards, high quality raw material and experienced manufacturing all work together to make Air MARS blower wheels your best choice.

Air MARS Direct Drive Blower Wheels are designed to work as “drop in” replacements for all major HVAC OEM equipment.

MARS NO.	DESCRIPTION	ROT.	CENTER DISC	DIA.	WIDTH	BORE	LAU#	RPM	.1” S.P. CFM	.1” S.P. BHP	.3” S.P. CFM	.3” S.P. BHP
41331	10-9 DD Blower Wheel	CW	Convex	10.62	9.50	0.50	013323-01	1000	2520	.90	2350	.81
41330	10-9 DD Blower Wheel	CCW	Convex	10.62	9.50	0.50		1150	2900	1.44	2780	1.29
41329	10-9 DD Blower Wheel	CW	Concave	10.62	9.50	0.50	013317-01	1000	2520	.90	2350	.81
41328	10-9 DD Blower Wheel	CCW	Concave	10.62	9.50	0.50	013317-04	1150	2900	1.44	2780	1.29
41335	10-10 DD Blower Wheel	CW	Convex	10.62	10.68	0.50	013322-03	1000	2700	1.07	2520	.95
41334	10-10 DD Blower Wheel	CCW	Convex	10.62	10.68	0.50		1150	3100	1.64	2990	1.51
41337	10-10 DD Blower Wheel	CW	Convex	10.62	10.68	0.62		1000	2700	1.07	2520	.95
41333	10-10 DD Blower Wheel	CW	Concave	10.62	10.68	0.50	013316-02	1150	3100	1.64	2990	1.51
41336	10-10 DD Blower Wheel	CW	Concave	10.62	10.68	0.62		1000	2700	1.07	2520	.95
41332	10-10 DD Blower Wheel	CCW	Concave	10.62	10.68	0.50	013316-06	1150	3100	1.64	2990	1.51
41337	11-6 DD Blower Wheel	CW	Concave	11.93	6.06	0.50		1000	1720	.64	1650	.62
41339	11-6 DD Blower Wheel	CW	Convex	11.93	6.06	0.50	026940-03	1150	2000	.99	1920	.96
41341	11-7 DD Blower Wheel	CW	Convex	11.93	7.12	0.50	026940-05	1000	2350	1.01	2250	.93
41340	11-7 DD Blower Wheel	CW	Concave	11.93	7.12	0.50		1150	2720	1.51	2610	1.40
41344	11-8 DD Blower Wheel	CCW	Convex	11.93	8.06	0.50	026940-08	1000	2680	1.19	2500	1.05
41343	11-8 DD Blower Wheel	CW	Concave	11.93	8.06	0.50	026941-07	1150	3100	1.78	3000	1.64
41342	11-8 DD Blower Wheel	CCW	Concave	11.93	8.06	0.50		1000	2680	1.19	2500	1.05
41345	11-8 DD Blower Wheel	CW	Convex	11.93	8.06	0.50	026940-07	1150	3100	1.78	3000	1.64
41349	11-9 DD Blower Wheel	CW	Convex	11.93	9.50	0.50	026940-09	1000	2880	1.25	2660	1.08
41348	11-9 DD Blower Wheel	CCW	Convex	11.93	9.50	0.50	026940-10	1150	3300	1.92	3280	1.78
41347	11-9 DD lower Wheel	CW	Concave	11.93	9.50	0.50		1000	2880	1.25	2660	1.08
41346	11-9 DD Blower Wheel	CCW	Concave	11.93	9.50	0.50		1150	3300	1.92	3280	1.78
41352	11-10 DD Blower Wheel	CW	Convex	11.93	10.68	0.50		1000	3100	1.31	2910	1.21
41351	11-10 DD Blower Wheel	CW	Concave	11.93	10.68	0.50	026941-11	1150	3600	2.05	3450	1.92
41350	11-10 DD Blower Wheel	CCW	Concave	11.93	10.68	0.50	026941-12					
41370	11-11 DD Blower Wheel	CCW	Concave	11.93	11.93	0.50		1000	3300	1.45	3090	1.29
41364	12-9 DD Blower Wheel	CW	Convex	12.87	9.50	0.50	013693-25	1000	3800	1.96	3620	1.79
41354	12-9 DD Blower Wheel	CW	Convex	12.87	9.50	0.62	013693-15	1150	4400	2.94	4300	2.78
41353	12-9 DD Blower Wheel	CW	Concave	12.87	9.50	0.62						
41355	12-12 DD Blower Wheel	CW	Concave	12.87	12.62	0.50	015565-07	1000	4700	2.56	4500	2.38
41356	12-12 DD Blower Wheel	CW	Concave	12.87	12.62	0.62	015565-04	1150	5500	3.83	5250	3.70

Belt Drive Blower Wheels

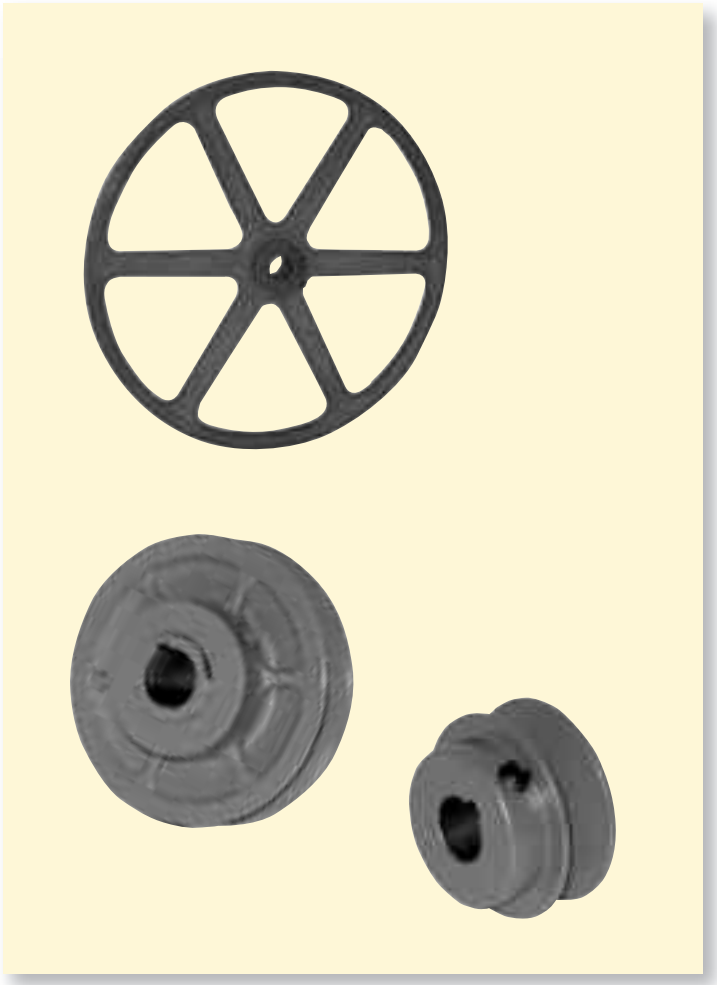
Air MARS belt drive blower wheels with forward curved blades are constructed out of galvanized steel with offset tab-locked blades for superior strength. The unique design allows higher operating speeds and lower noise levels on blower wheels from 9" to 40". All wheels are balanced both statically and dynamically to a factor of Q=6.3. These wheels are available in both single and dual blower assemblies with galvanized steel housings.

44 separate quality checks ensure the production process for Air MARS belt drive blower wheels. Rigorous quality standards, high quality raw material and experienced manufacturing all work together to make Air MARS blower wheels your best choice.

MARS NO.	DESCRIPTION	WHEEL DIA.	WHEEL WIDTH	BORE	NOMINAL DIA. X W.	LAU #	MAX. RPM
41502	9-9 BD 0.75 WHL	9.50	9.50	0.75	9-9	008519-12	2400
41507	10-8 BD 0.75 WHL	10.62	8.06	0.75	10-8	008361-12	2400
41508	10-9 BD 0.75 WHL	10.62	9.50	0.75	10-9	008362-12	2100
41510	10-10 BD 0.62 WHL	10.62	10.68	0.62	10-10	008360-10	1800
41509	10-10 BD 0.75 WHL	10.62	10.68	0.75	10-10	008360-12	1800
41511	10-10 BD 1.00 WHL	10.62	10.68	1.00	10-10	008360-16	1800
41514	12-9 BD 1.00 WHL	12.87	9.50	1.00	12-9	008507-16	2500
41517	12-11 BD 1.00 WHL	12.87	11.12	1.00	12-11	009867-16	2000
41520	12-12 BD 1.00 WHL	12.87	12.87	1.00	12-12	008403-16	1800
41525	12-15 BD 1.00 WHL	12.87	15.00	1.00	12-15	008747-16	1100
41533	15-15 BD 1.00 WHL	15.12	15.00	1.00	15-15	008276-16	1600

Special Dimension Belt Drive Blower Wheels

MARS NO.	WHEEL DIA.	WHEEL WIDTH	BORE	MAX RPM	MAX BHP	NO. OF BLADES
41575	9.84	8.86	0.75	2238	3	38
41578	11.02	9.17	0.75	2101	3	42



Air MARS Belt Drive Blower Accessories

Pulleys

Variable Pitch Pulleys

MARS NO.	DIA	BORE	MATERIAL
40831	3.25”	1/2”	Cast Iron
40832 (1)	3.25”	5/8”	Cast Iron
40833	3.25”	3/4”	Cast Iron
40834	3.75”	1/2”	Cast Iron
40835 (1)	3.75”	5/8”	Cast Iron
40836	3.75”	3/4”	Cast Iron
40837 (1)	3.75”	7/8”	Cast Iron
40838	4.15”	1/2”	Cast Iron
40839 (1)	4.15”	5/8”	Cast Iron
40840	4.15”	3/4”	Cast Iron
40841 (1)	4.15”	7/8”	Cast Iron
40842	4.15”	1-1/8”	Cast Iron
40844 (1)	4.75”	7/8”	Cast Iron
40829	2.5”	1/2”	Cast Iron
40830 (1)	2.5”	5/8”	Cast Iron

(1) with keyway

Fixed Pulleys

MARS NO.	DIA	BORE	MATERIAL
40846	2.0”	1/2”	Cast Iron
40848	2.5”	1/2”	Cast Iron

Blower Pulleys

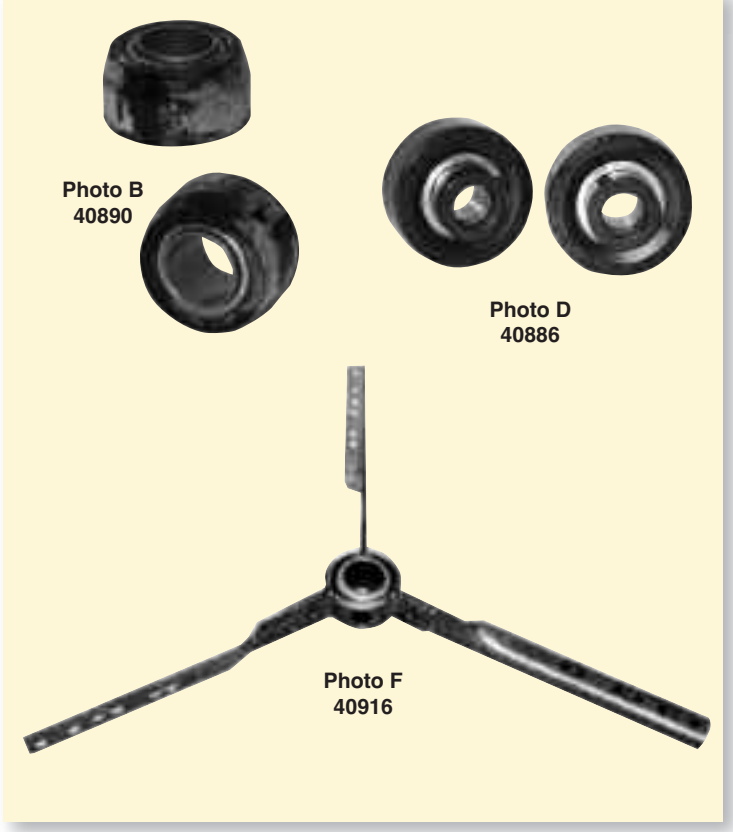
MARS NO.	DIA	BORE	MATERIAL
40804	6”	5/8”	Cast Iron
40805	6”	3/4”	Cast Iron
40806	6”	1”	Cast Iron
40808	7”	3/4”	Cast Iron
40809	7”	1”	Cast Iron
40811	8”	3/4”	Cast Iron
40812	8”	1”	Cast Iron
40813	9”	3/4”	Cast Iron
40814	9”	1”	Cast Iron
40815	10”	3/4”	Cast Iron
40816	10”	1”	Cast Iron
40817	11”	3/4”	Cast Iron
40818	11”	1”	Cast Iron
40820	12”	1”	Cast Iron

Air MARS Belt Drive Blower Accessories

Bearings

All Air Mars bearings and bearing assemblies are designed and manufactured to precise tolerance. Dedication to quality assures good fit and long life.

MARS NO.	TYPE	BORE	O.D.	PHOTO	BAG QTY.
40863	Cartridge	3/4”	1-13/16”	A	2
40864	Cartridge w/shaft	3/4”	1-13/16”	G	2
40865	Cartridge w/journal	3/4”	1-13/16”	B	2
40867	Oil	5/8”	1-13/16”	H	2
40868	Oil	3/4”	1-13/16”	H	2
40870	Sealed	5/8”	1-13/16”	I	2
40871	Sealed	3/4”	1-13/16”	I	2
40872	Sealed H.D.	1”	2-1/2”	I	2
40873	Randall Type	3/4”	1-27/32”	J	2
40874	Randall Oil	1”	1-27/32”	J	2
40875	Randall Oil	1”	2-1/2”	J	2
40876	Pillow Block	5/8”	-	C	2
40877	Pillow Block	3/4”	-	C	2
40878	Pillow Block	1”	-	C	2
40879	Pillow Block H.D.	1”	-	C	2
40880	Pillow Block-Ball Brg.	3/4”	-	E	2
40881	Pillow Block-Ball Brg.	1”	-	E	2
40882	Pillow Block-Ball Brg.	1-3/16”	-	E	2
40883	Pillow Block-Ball Brg.	1-7/16”	-	E	2
40884	Flange Bearing	3/4”	1-13/16”	K	2



Air MARS Belt Drive Blower Accessories

Bearings and Brackets

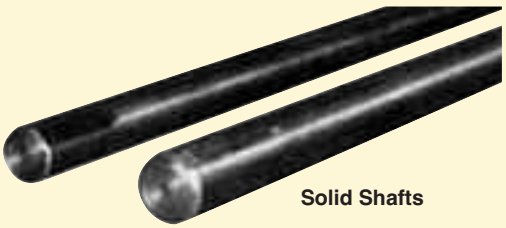
All Air Mars bearings and bearing assemblies are designed and manufactured to precise tolerance. Dedication to quality assures good fit and long life.

Bearings

MARS NO.	TYPE	BORE	O.D.	PHOTO	BAG QTY.
40885	Sealed Ball Bearing	3/4”	1-13/16”	D	2
40887	Sealed Ball Bearing	1”	2-27/32”	D	2
40888	Sealed Ball Bearing	1-3/16”	2-27/32”	D	2
40886	Sealed Ball Bearing	3/4”	2-27/32”	D	2
40889	Sealed Brundage Repl.	3/4”	2-1/16”	B	2
40890	Sealed Brundage Repl.	1”	2-1/16”	B	2
40891	Oil Brundage Repl.	3/4”	2-1/16”	B	2
40892	Oil Brundage Repl.	1”	2-1/16”	B	2

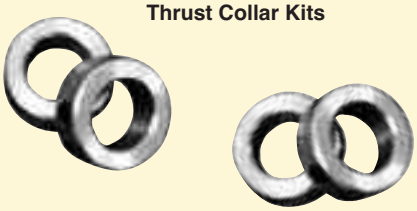
3-Wing Bearing Brackets

40916	Universal 3-Wing Bracket	3/4”		F	1
40917	Universal 3-Wing Bracket	1”		F	1
40918	3-Wing Bracket w/Hardware	3/4”	w/ 3/4” x 20” shaft	-	1 Kit
40919	3-Wing Bracket w/Hardware	1”	w/ 1” x 20” shaft	-	1 Kit



Solid Shafts

Thrust Collar Kits



Air MARS Belt Drive Blower Accessories

Shafts, Miscellaneous Accessories, etc.

All Air Mars bearings and bearing assemblies are designed and manufactured to precise tolerance. Dedication to quality assures good fit and long life.

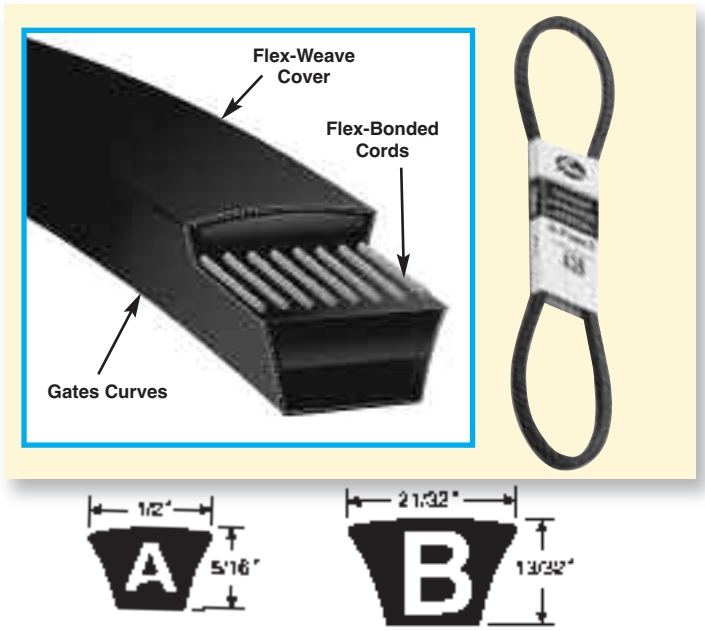
Miscellaneous Accessories

MARS NO.	TYPE	PHOTO	PER PACK	Wt. EACH
40904	Hardware Kit for Blowers 9”-15”	-	1	.40
40905	Adjustable Tailpiece Assembly	-	1	.25
40897	5/8” Thrust Collar Kit	A	2	.20
40898	3/4” Thrust Collar Kit	A	2	.30
40899	1” Thrust Collar Kit	A	2	.50
40900	5/8” Thrust Spacer Kit	-	12	.10
40901	3/4” Thrust Spacer Kit	-	12	.10
40902	1” Thrust Spacer Kit	-	12	.10

Solid Shafts

MARS NO.	BLADE DIA	LENGTH	FLATTED OR KEYWAY	WT. EACH
40906	5/8”	20”	Flatted	2.10
40907	3/4”	20”	Flatted	3.00
40908	1”	25”	Flatted	6.40
40910	1”	35”	Flatted	9.00
40911	1-3/16”	48”	Flatted	17.60
40912	1-3/16”	68”	Flatted	24.30
40913	1-7/16”	52”	Flatted	27.30
40909	3/4”	35”	Flatted	5.30
40914	3/4”	20”	Keyway	3.00
40915	1”	25”	Keyway	6.40

Note: excess can be cut off



Hi-Power® II Belts

Gates Hi-Power II belts are engineered for classical applications. They have patented concave sidewalls to distribute wear evenly while providing proper belt support for improved service life. Flex-bonded cords and flex-weave covers make them the No. 1 choice for heavy-duty conventional V-belt drives. Hi-Power II belts also resist the effects of oil, heat, ozone, weather and aging while meeting RMA standards for static conductivity.

Features & Benefits:

- See page AM–32
- MARS Pack 1

MARS NO.	Desc.	Case Qty.
A BELTS		
74328	A24	185
74329	A25	185
74330	A26	150
74331	A27	150
74332	A28	150
74333	A29	150
74334	A30	150
74335	A31	150
74336	A32	150
74337	A33	150
74338	A34	150
74339	A35	130
74340	A36	130
74341	A37	110
74342	A38	110
74343	A39	110
74344	A40	110
74345	A41	90
74346	A42	90
74347	A43	90
74348	A44	90
74349	A45	90
74350	A46	90
74351	A47	90
74352	A48	90
74353	A49	90
74354	A50	90
74355	A51	90
74356	A52	50
74357	A53	50
74358	A54	50
74359	A55	50
74360	A56	50
74361	A57	50
74362	A58	50
74363	A59	50
74366	A60	50
74367	A61	50

MARS NO.	Desc.	Case Qty.
A BELTS *cont.*		
74368	A62	50
74369	A63	50
74370	A64	50
74371	A65	75
74372	A66	75
74373	A67	75
74374	A68	50
74375	A69	7
74376	A70	42
74377	A71	75
74378	A72	75
74379	A73	75
74380	A74	42
74381	A75	75
74382	A76	75
74383	A77	75
74384	A78	75
74385	A79	50
74386	A80	75
74387	A81	25
74388	A82	50
74389	A83	60
74390	A84	25
74391	A85	50
74392	A86	10
74393	A87	10
74394	A88	30
74395	A89	60
74396	A90	60
74397	A91	60
74398	A92	60
74399	A93	60
74400	A94	60
74401	A95	60
74402	A96	50
74531	A97	5
74532	A98	4
74403	A100	35

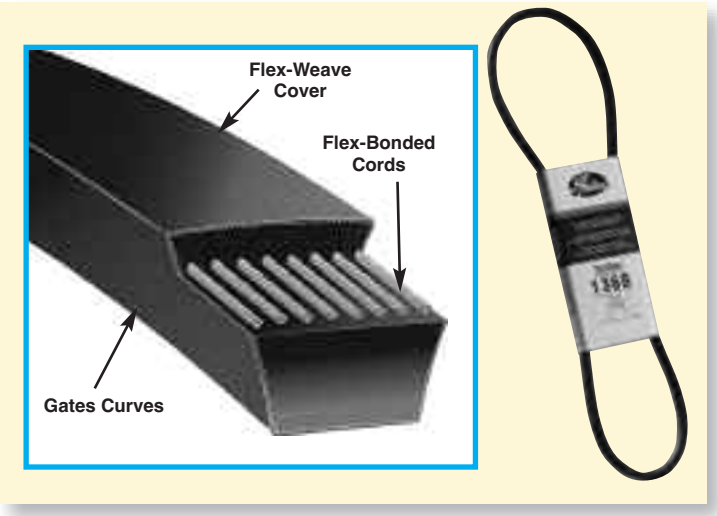
MARS NO.	Desc.	Case Qty.
A BELTS *cont.*		
74404	A103	50
74405	A105	25
74406	A110	5
74407	A112	45
74408	A120	35
74409	A128	35
74410	A133	2
74411	A136	2
74412	A144	15
74416	A158	2
74417	A173	2
74415	A180	2
B BELTS		
74517	B28	10
74526	B280	2
74518	B29	95
74422	B30	20
74423	B31	95
74424	B32	10
74425	B33	10
74426	B34	25
74427	B35	100
74428	B36	25
74429	B37	20
74430	B38	90
74431	B39	20
74432	B40	75
74433	B41	75
74434	B42	75
74435	B43	75
74436	B44	75
74437	B45	75
74438	B46	65
74439	B47	60
74440	B48	60
74441	B49	60
74442	B50	40

MARS NO.	Desc.	Case Qty.
B BELTS *cont.*		
74443	B51	40
74444	B52	40
74445	B53	40
74446	B54	40
74447	B55	30
74448	B56	20
74449	B57	40
74450	B58	35
74451	B59	35
74452	B60	35
74453	B61	35
74454	B62	35
74455	B63	35
74456	B64	35
74457	B65	35
74458	B66	35
74459	B67	25
74460	B68	25
74461	B69	25
74462	B70	20
74463	B71	25
74464	B72	25
74465	B73	35
74466	B74	35
74467	B75	35
74468	B76	35
74469	B77	35
74470	B78	35
74471	B79	35
74472	B80	35
74473	B81	35
74474	B82	30
74475	B83	30
74476	B84	30
74477	B85	35
74478	B86	30
74479	B87	25
74480	B88	20

MARS NO.	Desc.	Case Qty.
B BELTS *cont.*		
74481	B89	30
74482	B90	30
74528	B91	25
74483	B92	30
74484	B93	30
74485	B94	30
74486	B95	30
74487	B96	30
74488	B97	30
74489	B98	5
74490	B99	15
74491	B100	30
74519	B101	30
74520	B102	30
74492	B103	30
74493	B105	30
74494	B106	30
74495	B108	30
74530	B109	25
74496	B110	25
74497	B112	15
74521	B114	30
74498	B115	30
74499	B116	30
74500	B118	30
74501	B120	30
74529	B122	5
74502	B124	30
74503	B126	35
74504	B128	30
74505	B131	20
74525	B133	20
74506	B136	20
74507	B140	20
74522	B142	20
74508	B144	20
74510	B150	15
74511	B154	2

Gates V-Belts

MARS SERIES **741**



Truflex® V-Belts

GatesTruflex® belts offer improved performance on light duty, fractional horsepower (FHP) V-belt drives. Their unique patented construction provides smooth, quiet operation with less vibration.

Features & Benefits:

- Gates Curves provide proper cord support and full contact with the sheave-groove for uniform loading, uniform wear, and increased belt life.
- Flex-Bonded Cords are strongly bonded to the body of the belt resulting in equal load distribution and the absorption of bending stress without cord reduction.
- Flex-Weave® Cover is a patented fabric construction for longer cover life, providing extended protection to the belt core from oil, dirt and heat.
- Meets RMA static conductivity requirements.
- Meets RMA oil and heat resistant standards.
- MARS Pack 1

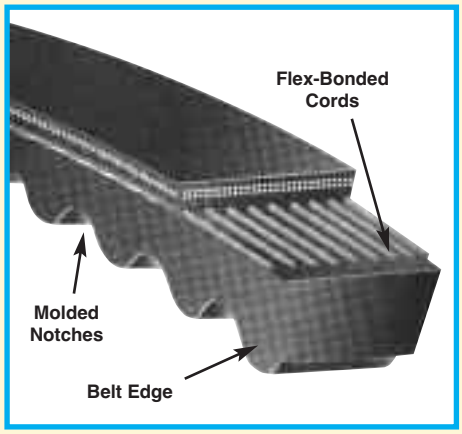
MARS NO.	Desc.	Case Qty.
B BELTS *cont.*		
74512	B158	10
74513	B162	20
3L BELTS		
74103	3L170	100
74104	3L180	100
74105	3L190	100
74106	3L200	100
74107	3L210	100
74108	3L220	100
74109	3L230	100
74110	3L240	100
74111	3L250	100
74112	3L260	100
74113	3L270	100
74114	3L280	10
74115	3L290	100
74116	3L300	10
74117	3L310	1
74118	3L320	100
74119	3L330	150
74120	3L340	100
74121	3L350	100
74122	3L360	100
74124	3L380	1
74125	3L390	1
74126	3L400	1
74128	3L420	1
74129	3L430	150
74130	3L440	50
74132	3L460	1
4L BELTS		
74153	4L150	5
74154	4L160	124
74155	4L170	25

MARS NO.	Desc.	Case Qty.
4L BELTS *cont.*		
74156	4L180	100
74157	4L190	100
74158	4L200	100
74159	4L210	150
74160	4L220	100
74162	4L230	100
74163	4L240	100
74164	4L250	100
74165	4L260	100
74166	4L270	100
74167	4L280	100
74168	4L290	50
74169	4L300	50
74170	4L310	70
74171	4L320	50
74172	4L330	50
74173	4L340	50
74174	4L350	50
74175	4L360	75
74176	4L370	50
74177	4L380	50
74178	4L390	100
74179	4L400	50
74180	4L410	50
74181	4L420	50
74182	4L430	110
74183	4L440	50
74184	4L450	110
74185	4L460	50
74186	4L470	110
74187	4L480	50
74188	4L490	50
74189	4L500	110
74190	4L510	75
74191	4L520	75
74192	4L530	74

MARS NO.	Desc.	Case Qty.
4L BELTS *cont.*		
74193	4L540	60
74194	4L550	60
74195	4L560	60
74196	4L570	60
74197	4L580	60
74198	4L590	60
74199	4L600	80
74200	4L610	40
74201	4L620	80
74202	4L630	50
74203	4L640	75
74204	4L650	50
74205	4L660	75
74206	4L670	70
74207	4L680	74
74208	4L690	75
74209	4L700	75
74210	4L710	75
74211	4L720	75
74212	4L730	75
74213	4L740	75
74214	4L750	75
74215	4L760	75
74216	4L770	75
74217	4L780	75
74218	4L790	75
74219	4L800	75
74220	4L810	75
74221	4L820	75
74222	4L830	5
74223	4L840	60
74224	4L850	2
74225	4L860	2
74226	4L870	75
74227	4L880	55
74228	4L890	55

MARS NO.	Desc.	Case Qty.
4L BELTS *cont.*		
74229	4L900	55
74230	4L910	55
74231	4L920	55
74232	4L930	55
74233	4L940	1
74234	4L950	1
74235	4L960	55
74236	4L970	55
74237	4L980	1
74238	4L990	55
74239	4L1000	55
5L BELTS		
74246	5L240	150
74247	5L250	150
74248	5L260	150
74249	5L270	50
74250	5L280	35
74251	5L290	130
74252	5L300	130
74253	5L310	50
74254	5L320	10
74255	5L330	10
74256	5L340	90
74257	5L350	10
74258	5L360	90
74259	5L370	10
74260	5L380	20
74261	5L390	90
74262	5L400	90
74263	5L410	75
74264	5L420	75
74265	5L430	75
74266	5L440	75
74267	5L450	75
74268	5L460	75

MARS NO.	Desc.	Case Qty.
5L BELTS *cont.*		
74269	5L470	75
74270	5L480	75
74271	5L490	75
74272	5L500	75
74273	5L510	55
74274	5L520	60
74275	5L530	60
74276	5L540	25
74277	5L550	50
74278	5L560	25
74279	5L570	15
74280	5L580	25
74281	5L590	15
74282	5L600	35
74283	5L610	35
74284	5L620	20
74285	5L630	60
74286	5L640	60
74287	5L650	60
74288	5L660	25
74289	5L670	15
74290	5L680	27
74291	5L690	60
74292	5L700	10
74293	5L710	50
74294	5L720	25
74295	5L730	25
74296	5L740	50
74297	5L750	50
74298	5L760	50
74299	5L770	50
74300	5L780	15
74301	5L790	50
74302	5L800	15
74303	5L810	55
74304	5L820	55



Tri-Power® Belts-AX, BX

Constructed with Gates proprietary Vextra® construction, this belt has a superior combination of flex and load carrying capacity, as well as less stretch resulting in less maintenance. Suitable for all industrial applications, particularly where small or sub-minimal sheave diameters are required.

Super HC® Molded Notch Belts-5VX

Constructed with Gates proprietary construction, this belt has a superior combination of flex and load carrying capacity, as well as transmitting more horsepower than the classical cross sections in the same amount of drive space. Suitable for all industrial applications, particularly where space, weight and horsepower capacity are critical.

Features & Benefits:

- Notches molded in to the belt during manufacturing, make this belt well suited for drives with smaller diameter sheaves.
- Belt edge is machined for even sheave groove contact resulting in less slip and wear.
- Flex bonded cords are strongly bonded to the body of the belt resulting in equal load distribution and the absorption of bending stress without cord deterioration.
- Meets RMA oil and heat resistant standards
- Meets RMA static conductivity requirements.
- MARS Pack 1

MARS NO.	Desc.	Case Qty.
5L BELTS		
74305	5L830	55
74306	5L840	45
74307	5L850	40
74308	5L860	40
74309	5L870	40
74310	5L880	40
74311	5L890	40
74312	5L900	40
74313	5L910	40
74314	5L920	40
74315	5L930	45
74316	5L940	45
74317	5L950	45
74318	5L960	45
74319	5L970	45
74320	5L980	45
74321	5L990	45
74322	5L1000	45
AX BELTS		
74556	AX21	15
74557	AX22	5
74558	AX23	5
74553	AX24	5
74560	AX25	20
74566	AX26	25
74561	AX27	20

MARS NO.	Desc.	Case Qty.
AX BELTS *cont.*		
74555	AX28	20
74563	AX29	20
74564	AX30	10
74565	AX31	10
74554	AX32	50
74567	AX33	14
74568	AX34	15
74569	AX35	15
74570	AX36	15
74571	AX37	15
74572	AX38	10
74562	AX39	10
74573	AX40	10
74574	AX41	10
74575	AX42	15
74576	AX43	30
74604	AX44	10
74608	AX45	10
74577	AX46	55
74579	AX47	10
74578	AX48	5
74580	AX49	20
74598	AX50	10
74581	AX51	10
74599	AX52	5
74551	AX53	5
74582	AX54	15

MARS NO.	Desc.	Case Qty.
AX BELTS *cont.*		
74583	AX55	5
74600	AX56	10
74601	AX57	10
74584	AX58	5
74552	AX59	10
74585	AX60	4
74586	AX61	5
74587	AX62	5
74588	AX63	15
74589	AX64	10
74602	AX65	5
74603	AX66	5
74559	AX67	5
74590	AX68	5
74592	AX69	5
74749	AX70	5
74757	AX71	5
74514	AX72	5
74591	AX75	5
74593	AX80	5
74750	AX82	1
74594	AX85	1
74595	AX87	1
74596	AX90	5
74597	AX96	5

MARS NO.	Desc.	Case Qty.
BX BELTS		
74650	BX28	1
74662	BX30	1
74605	BX32	1
74666	BX34	10
74609	BX35	1
74610	BX36	5
74611	BX37	1
74612	BX38	4
74709	BX39	1
74613	BX39	40
74614	BX40	15
74615	BX41	1
74616	BX42	4
74617	BX43	5
74618	BX44	10
74710	BX45	10
74619	BX46	15
74620	BX48	10
74621	BX50	20
74607	BX51	50
74622	BX52	10
74623	BX53	5
74624	BX54	20
74625	BX55	1
74626	BX56	5
74629	BX58	10
74630	BX59	25

MARS NO.	Desc.	Case Qty.
BX BELTS *cont.*		
74631	BX60	25
74627	BX61	15
74632	BX62	20
74628	BX63	20
74633	BX64	10
74634	BX65	15
74635	BX66	10
74636	BX67	10
74637	BX68	5
74638	BX70	10
74639	BX71	10
74641	BX72	15
74640	BX73	5
74646	BX75	10
74648	BX76	5
74651	BX77	5
74655	BX78	5
74656	BX79	5
74642	BX80	5
74643	BX81	10
74658	BX82	5
74644	BX83	5
74652	BX84	5
74645	BX85	2
74659	BX90	5
74661	BX93	1
74660	BX95	1

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Gates V-Belts

MARS SERIES **741**

MARS NO.	Desc.	Case Qty.
BX BELTS *cont.*		
74606	BX96	1
74681	BX97	30
74683	BX99	5
74647	BX100	1
74649	BX103	1
74685	BX108	1
74670	BX112	30
74686	BX116	1
74687	BX128	1
74705	BX133	10
74748	BX162	1
74759	BX173	1

MARS NO.	Desc.	Case Qty.
3VX BELTS		
74515	3VX315	1
74516	3VX355	1
74547	3VX670	1
74523	3VX710	1
74548	3VX750	5
74550	3VX800	1
74524	3VX850	1
74527	3VX900	1
5VX BELTS		
74711	5VX500	1
74688	5VX530	10

MARS NO.	Desc.	Case Qty.
5VX BELTS *cont.*		
74702	5VX670	1
74703	5VX710	1
74689	5VX750	12
74708	5VX780	1
74704	5VX800	1
74690	5VX900	13
74691	5VX930	5
74706	5VX950	1
74692	5VX960	10
74693	5VX1000	10
74694	5VX1030	10
74695	5VX1060	1

MARS NO.	Desc.	Case Qty.
5VX BELTS *cont.*		
74696	5VX1080	10
74697	5VX1120	10
74698	5VX1150	10
74699	5VX1180	1
74700	5VX1320	10
74701	5VX1400	20
74725	5V630	1
74726	5V710	1
74728	5V750	1
74729	5V800	1

MARS NO.	Desc.	Case Qty.
AP Belts		
74746	AP46	1
74751	AP51	1
74755	AP55	1
74756	AP56	1
74758	AP58	1
74760	AP59	1
Miscellaneous Belts		
74991	C85	1
74990	C100	5
74998	C136	1
74796	CX96	1

Gates Accessories

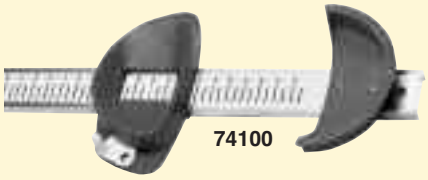
MARS SERIES **741**

Gates Maintenance Tools

Belt Sizer

Measures FHP belts up to 107” to determine equivalent Truflex® belt numbers.

MARS NO.	Gates No.
74100	7401-0012



74100

Sheave Gauge

Helps to identify worn sheaves and damaged belts.

MARS NO.	Gates No.
74099	7401-0014

74099

Tension Tester

Pencil type tension tester is for use with all small v-belts and synchronous belts. Maximum deflection force 30 lbs.

MARS NO.	Gates No.
74101	7401-0076

74101

Gates Merchandiser

Includes 12 three foot long strips with 8 hooks each.

MARS NO.	Gates No.
74000	7645-0003

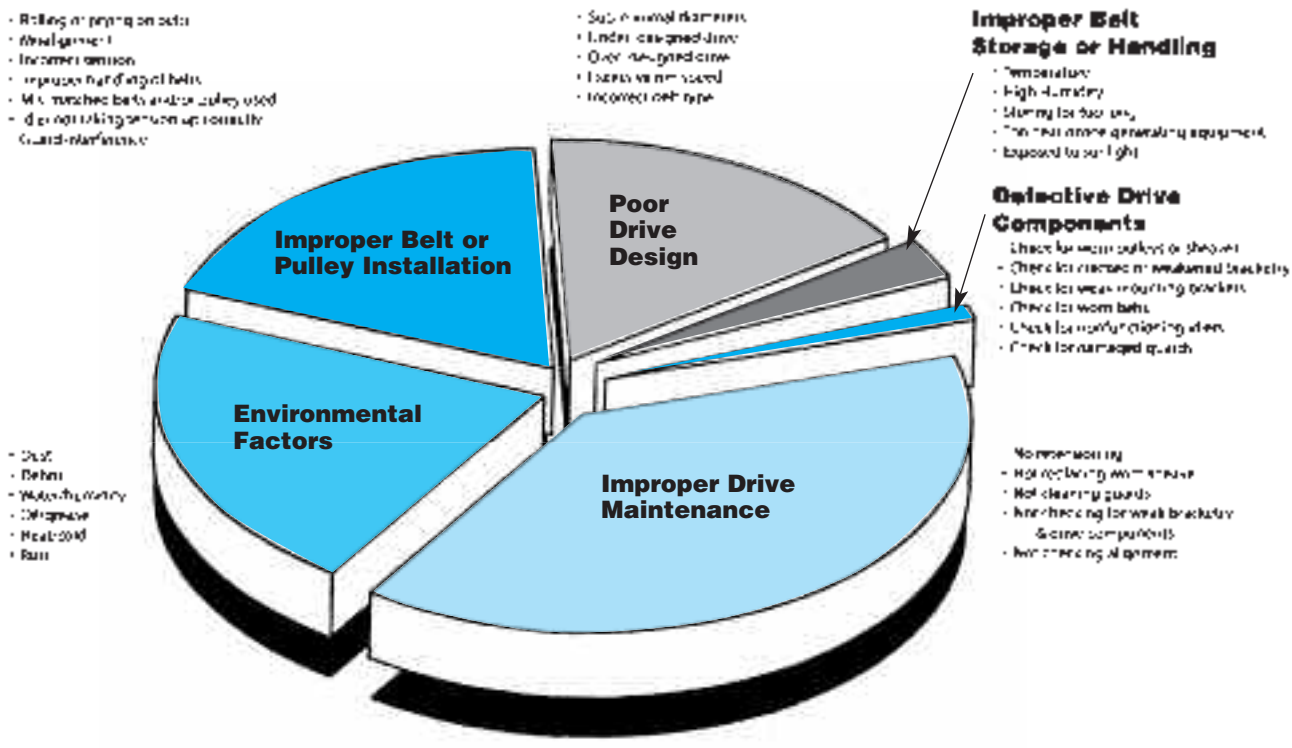
74000

An effective preventive maintenance program saves time and money. Inspecting and replacing belts and faulty drive components before they fail will reduce costly downtime.

A comprehensive, effective program of preventive maintenance consists of several elements:

- Maintaining a safe work environment
- Regularly scheduled belt drive inspections
- Proper belt installation procedures
- Belt drive performance evaluations
- Belt product knowledge
- Belt storage and handling
- Trouble shooting

Sources of Drive Problems



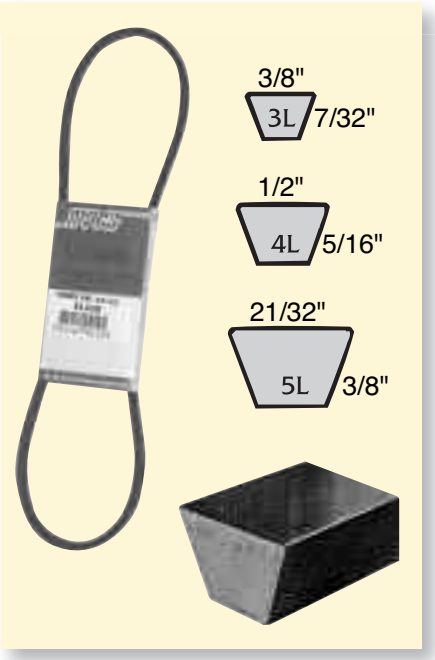
Ask your MARS Sales Representative about how MARS & Gates can help you provide your customers with superior product and superior product application knowledge.

MARS FHP V-Belts

The Air MARS FHP V-belt has been designed specifically for solving the problems of minimum space, small pulley diameters, large ratios and fractional horsepower requirements. Excellent for air conditioning, refrigeration and appliance equipment. This series of Air MARS belts uses only top quality material in order to have superior performance. All belts are manufactured under strict quality control standards.

MARS FHP -3L V-belts - 3/8" top width

MARS NO.	DESC.	MARS PACK	CASE QTY.
94240	2L160		
94101	3L150	1	10
94102	3L160	1	10
94103	3L170	1	10
94104	3L180	1	10
94105	3L190	1	10
94106	3L200	1	10
94107	3L210	1	10
94108	3L220	1	10
94109	3L230	1	10
94110	3L240	1	10
94111	3L250	1	10
94112	3L260	1	10
94113	3L270	1	10
94114	3L280	1	10
94115	3L290	1	10
94116	3L300	1	10
94117	3L310	1	10
94118	3L320	1	10
94119	3L330	1	10
94120	3L340	1	10
94121	3L350	1	10
94122	3L360	1	10
94123	3L370	1	10
94124	3L380	1	10
94125	3L390	1	10
94126	3L400	1	10
94127	3L410	1	10
94128	3L420	1	10
94129	3L430	1	10
94130	3L440	1	10
94131	3L450	1	10
94132	3L460	1	10
94133	3L470	1	10
94134	3L480	1	10
94135	3L490	1	10
94136	3L500	1	10
94137	3L510	1	10
94138	3L520	1	10
94139	3L530	1	10
94140	3L540	1	10
94141	3L550	1	10
94142	3L560	1	10
94143	3L570	1	10
94144	3L580	1	10
94145	3L590	1	10
94146	3L600	1	10
94147	3L610	1	10
94148	3L620	1	10
94149	3L630	1	10



MARS FHP -4L V-belts - 1/2" top width

MARS NO.	DESC.	MARS PACK	CASE QTY.
94154	4L160	1	20
94155	4L170	1	20
94156	4L180	1	20
94157	4L190	1	20
94239	4L1000	1	20

MARS FHP -5L V-belts 21/32" top width

MARS NO.	DESC.	MARS PACK	CASE QTY.
94245	5L230	1	10
94246	5L240	1	10
94247	5L250	1	10
94248	5L260	1	10
94249	5L270	1	10
94251	5L290	1	10
94252	5L300	1	10
94253	5L310	1	10
94254	5L320	1	10
94255	5L330	1	10
94256	5L340	1	10
94257	5L350	1	10
94258	5L360	1	10
94259	5L370	1	10
94260	5L380	1	10
94261	5L390	1	10
94262	5L400	1	10
94263	5L410	1	10
94264	5L420	1	10
94265	5L430	1	10
94266	5L440	1	10
94267	5L450	1	10
94268	5L460	1	10
94269	5L470	1	10

MARS FHP -5L V-belts 21/32" top width

MARS NO.	DESC.	MARS PACK	CASE QTY.
94270	5L480	1	10
94271	5L490	1	10
94272	5L500	1	10
94273	5L510	1	10
94274	5L520	1	10
94275	5L530	1	10
94276	5L540	1	10
94277	5L550	1	10
94278	5L560	1	10
94279	5L570	1	10
94280	5L580	1	10
94281	5L590	1	10
94282	5L600	1	10
94283	5L610	1	10
94284	5L620	1	10
94285	5L630	1	10
94286	5L640	1	10
94287	5L650	1	10
94288	5L660	1	10
94289	5L670	1	10
94290	5L680	1	10
94291	5L690	1	10
94292	5L700	1	10
94293	5L710	1	10
94294	5L720	1	10
94295	5L730	1	10
94297	5L750	1	10
94298	5L760	1	10
94299	5L770	1	10
94300	5L780	1	10
94301	5L790	1	10
94302	5L800	1	10
94303	5L810	1	10
94304	5L820	1	10
94306	5L840	1	10
94307	5L850	1	10
94308	5L860	1	10
94309	5L870	1	10
94310	5L880	1	10
94311	5L890	1	10
94313	5L910	1	10
94314	5L920	1	10
94315	5L930	1	10
94322	5L1000	1	10

To replace an "A" belt with a "4L" belt or a "B" belt to a "5L" use this simple formula:

Take the "A" size and add two then add a zero.

For the "B" size add three and add a zero

Example: A32= 4L340 or B32= 5L350

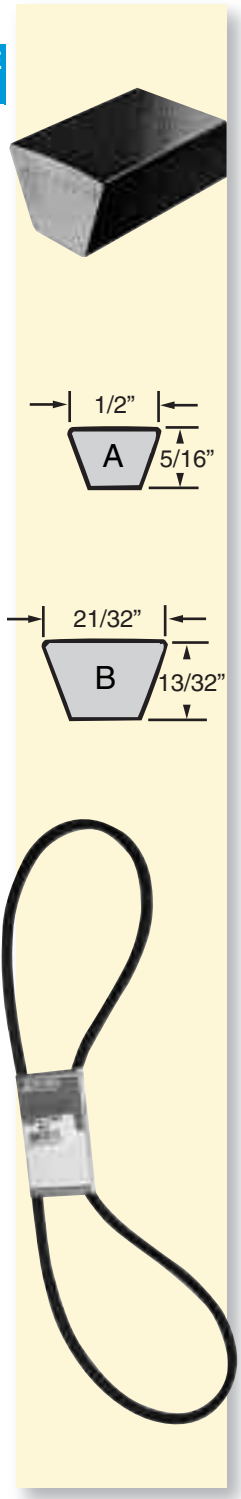
To replace the "4L" with an "A" belt or "5L" with a "B" belt simply subtract two or three and delete the zero.

MARS Dual Rated V-Belts

MARS is pleased to offer our dual rated v-belts. These belts are a combination of the classical multiple belt and the FHP belt, allowing the wholesaler and contractor to consolidate inventory. There is no need to stock both the FHP and multiple belts when you use the MARS dual brand v-belts. These unimatch belts are the same size and type and will measure within the RMA matching limits.

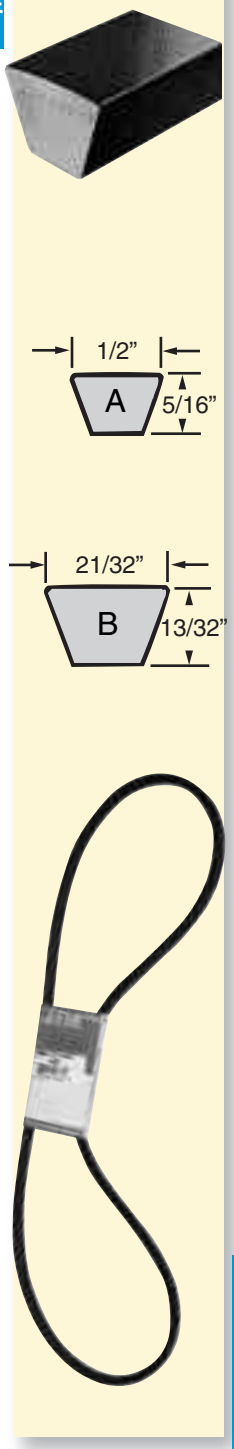
A/4L Dual Rated V-Belts

MARS NO.	DESCRIPTION	MARS PACK	CASE QTY.
94416	A-18/4L200	1	10
94323	A-19/4L210	1	10
94324	A-20/4L220	1	10
94325	A-21/4L230	1	10
94326	A-22/4L240	1	10
94327	A-23/4L250	1	10
94328	A-24/4L260	1	10
94329	A-25/4L270	1	10
94330	A-26/4L280	1	10
94331	A-27/4L290	1	10
94332	A-28/4L300	1	10
94333	A-29/4L310	1	10
94334	A-30/4L320	1	10
94335	A-31/4L330	1	10
94336	A-32/4L340	1	10
94337	A-33/4L350	1	10
94338	A-34/4L360	1	10
94339	A-35/4L370	1	10
94340	A-36/4L380	1	10
94341	A-37/4L390	1	10
94342	A-38/4L400	1	10
94343	A-39/4L410	1	10
94344	A-40/4L420	1	10
94345	A-41/4L430	1	10
94346	A-42/4L440	1	10
94347	A-43/4L450	1	10
94348	A-44/4L460	1	10
94349	A-45/4L470	1	10
94350	A-46/4L480	1	10
94351	A-47/4L490	1	10
94352	A-48/4L500	1	10
94353	A-49/4L510	1	10
94354	A-50/4L520	1	10
94355	A-51/4L530	1	10
94356	A-52/4L540	1	10
94357	A-53/4L550	1	10
94358	A-54/4L560	1	10
94359	A-55/4L570	1	10
94360	A-56/4L580	1	10
94361	A-57/4L590	1	10
94362	A-58/4L600	1	10
94363	A-59/4L610	1	10
94366	A-60/4L620	1	10
94367	A-61/4L630	1	10



A/4L Dual Rated V-Belts (cont'd)

MARS NO.	DESCRIPTION	MARS PACK	CASE QTY.
94368	A-62/4L640	1	10
94369	A-63/4L650	1	10
94370	A-64/4L660	1	10
94371	A-65/4L670	1	10
94372	A-66/4L680	1	10
94373	A-67/4L690	1	10
94374	A-68/4L700	1	10
94375	A-69/4L710	1	10
94376	A-70/4L720	1	10
94377	A-71/4L730	1	10
94378	A-72/4L740	1	10
94379	A-73/4L750	1	10
94380	A-74/4L760	1	10
94381	A-75/4L770	1	10
94382	A-76/4L780	1	10
94383	A-77/4L790	1	10
94384	A-78/4L800	1	10
94385	A-79/4L810	1	10
94386	A-80/4L820	1	10
94387	A-81/4L830	1	10
94388	A-82/4L840	1	10
94389	A-83/4L850	1	10
94390	A-84/4L860	1	10
94391	A-85/4L870	1	10
94392	A-86/4L880	1	10
94393	A-87/4L890	1	10
94394	A-88/4L900	1	10
94395	A-89/4L910	1	10
94396	A-90/4L920	1	10
94397	A-91/4L930	1	10
94398	A-92/4L940	1	10
94399	A-93/4L950	1	10
94400	A-94/4L960	1	10
94401	A-95/4L970	1	10
94402	A-96/4L980	1	10
94403	A-100	1	10
94404	A-103	1	10
94417	A-104	1	10
94405	A-105	1	10
94406	A-110	1	10
94407	A-112	1	10
94408	A-120	1	10
94409	A-128	1	10
94411	A-136	1	10

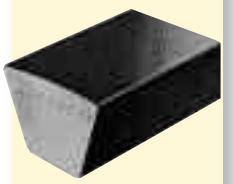


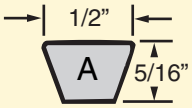
MARS Dual Rated V-Belts

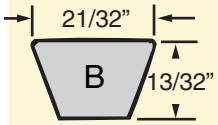
MARS is pleased to offer our dual rated v-belts. These belts are a combination of the classical multiple belt and the FHP belt, allowing the wholesaler and contractor to consolidate inventory. There is no need to stock both the FHP and multiple belts when you use the MARS dual brand v-belts. These unimatch belts are the same size and type and will measure within the RMA matching limits.

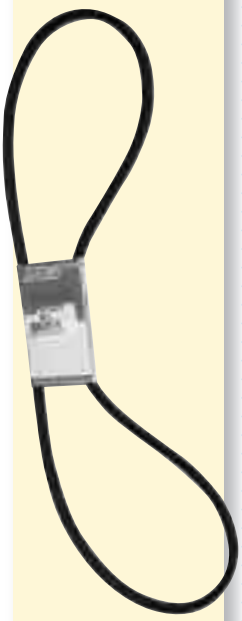
B/5L Dual Rated V-Belts

MARS NO.	DESCRIPTION	MARS PACK	CASE QTY.
94526	B-20	1	10
94527	B-21/5L240	1	10
94418	B-22/5L250	1	10
94419	B-23/5L260	1	10
94420	B-24/5L270	1	10
94421	B-25/5L280	1	10
94422	B-30/5L330	1	10
94423	B-31/5L340	1	10
94424	B-32/5L350	1	10
94425	B-33/5L360	1	10
94426	B-34/5L370	1	10
94427	B-35/5L380	1	10
94428	B-36/5L390	1	10
94429	B-37/5L400	1	10
94430	B-38/5L410	1	10
94431	B-39/5L420	1	10
94432	B-40/5L430	1	10
94433	B-41/5L440	1	10
94434	B-42/5L450	1	10
94435	B-43/5L460	1	10
94436	B-44/5L470	1	10
94437	B-45/5L480	1	10
94438	B-46/5L490	1	10
94439	B-47/5L500	1	10
94440	B-48/5L510	1	10
94441	B-49/5L520	1	10
94442	B-50/5L530	1	10
94443	B-51/5L540	1	10
94444	B-52/5L550	1	10
94445	B-53/5L560	1	10
94446	B-54/5L570	1	10
94447	B-55/5L580	1	10
94448	B-56/5L590	1	10
94449	B-57/5L600	1	10
94450	B-58/5L610	1	10
94451	B-59/5L620	1	10
94452	B-60/5L630	1	10
94453	B-61/5L640	1	10
94454	B-62/5L650	1	10
94455	B-63/5L660	1	10
94456	B-64/5L670	1	10
94457	B-65/5L680	1	10
94458	B-66/5L690	1	10
94459	B-67/5L700	1	10
94460	B-68/5L710	1	10
94461	B-69/5L720	1	10
94462	B-70/5L730	1	10
94463	B-71/5L740	1	10
94464	B-72/5L750	1	10
94465	B-73/5L760	1	10
94466	B-74/5L770	1	10
94467	B-75/5L780	1	10



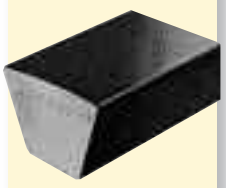


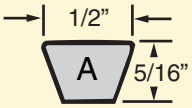


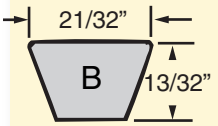


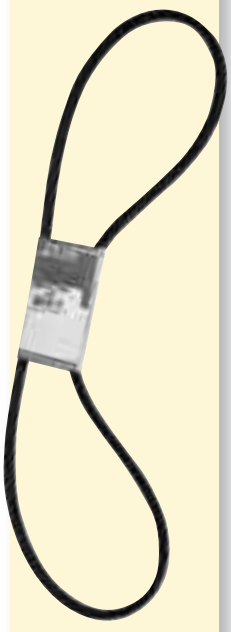
B/5L Dual Rated V-Belts (Cont'd)

MARS NO.	DESCRIPTION	MARS PACK	CASE QTY.
94468	B-76/5L790	1	10
94469	B-77/5L800	1	10
94470	B-78/5L810	1	10
94471	B-79/5L820	1	10
94472	B-80/5L830	1	10
94473	B-81/5L840	1	10
94474	B-82/5L850	1	10
94475	B-83/5L860	1	10
94476	B-84/5L870	1	10
94477	B-85/5L880	1	10
94478	B-86/5L890	1	10
94479	B-87/5L900	1	10
94480	B-88/5L910	1	10
94481	B-89/5L920	1	10
94482	B-90/5L930	1	10
94528	B-91/5L940	1	10
94483	B-92/5L950	1	10
94484	B-93/5L960	1	10
94485	B-94/5L970	1	10
94486	B-95/5L980	1	10
94487	B-96/5L990	1	10
94488	B-97/5L1000	1	10
94489	B-98	1	10
94490	B-99	1	10
94491	B-100	1	10
94492	B-103	1	10
94493	B-105	1	10
94494	B-106	1	10
94495	B-108	1	10
94497	B-112	1	10
94498	B-115	1	10
94499	B-116	1	10
94500	B-118	1	10
94501	B-120	1	10
94502	B-124	1	10
94503	B-126	1	10
94504	B-128	1	10
94525	B-133	1	10
94506	B-136	1	10
94507	B-140	1	10
94508	B-144	1	10
94510	B-150	1	10
94512	B-158	1	10
94513	B-162	1	10
94515	B-180	1	10
94516	B-195	1	10









Cogged Raw Edge V-Belts

Air MARS cogged raw edge V-belts are designed to keep drive costs and maintenance costs at a minimum. These belts are more compact and offer greater flexibility. Oil and heat resistant.

AX Cogged Raw Edge V-Belts

MARS NO.	MARS DESCRIPTION	CASE PACK	QTY.
94564	AX22	1	10
94565	AX24	1	10
94566	AX26	1	10
94567	AX30	1	10
94568	AX31	1	10
94563	AX32	1	10
94569	AX33	1	10
94570	AX34	1	10
94571	AX35	1	10
94572	AX36	1	10
94573	AX37	1	10
94574	AX38	1	10
94562	AX39	1	10
94561	AX40	1	10
94603	AX41	1	10
94575	AX42	1	10
94576	AX43	1	10
94604	AX44	1	10
94577	AX46	1	10
94605	AX47	1	10
94578	AX48	1	10
94606	AX50	1	10
94579	AX51	1	10
94607	AX52	1	10
94580	AX53	1	10
94581	AX54	1	10
94582	AX55	1	10
94583	AX56	1	10
94673	AX57	1	10
94584	AX60	1	10
94585	AX62	1	10
94675	AX63	1	10
94586	AX64	1	10
94587	AX66	1	10
94676	AX67	1	10
94588	AX68	1	10
94677	AX69	1	10
94589	AX70	1	10
94590	AX71	1	10
94678	AX72	1	10
94591	AX75	1	10
94592	AX78	1	10
94679	AX79	1	10
94593	AX80	1	10
94594	AX85	1	10
94595	AX90	1	10
94596	AX96	1	10
94597	AX105	1	10

BX Cogged Raw Edge V-Belts

MARS NO.	MARS DESCRIPTION	CASE PACK	QTY.
94609	BX35	1	10
94610	BX36	1	10
94686	BX37	1	10
94611	BX38	1	10
94687	BX39	1	10
94612	BX40	1	10
94682	BX41	1	10
94613	BX42	1	10
94683	BX43	1	10
94614	BX45	1	10
94615	BX46	1	10
94616	BX48	1	10
94617	BX50	1	10
94618	BX51	1	10
94619	BX52	1	10
94620	BX53	1	10
94621	BX54	1	10
94622	BX55	1	10
94623	BX56	1	10
94624	BX58	1	10
94625	BX59	1	10
94626	BX60	1	10
94627	BX61	1	10
94628	BX62	1	10
94629	BX63	1	10
94630	BX64	1	10
94631	BX65	1	10
94632	BX66	1	10
94633	BX67	1	10
94634	BX68	1	10
94684	BX69	1	10
94635	BX70	1	10
94636	BX71	1	10
94685	BX73	1	10
94637	BX75	1	10
94638	BX77	1	10
94639	BX78	1	10
94640	BX79	1	10
94641	BX80	1	10
94642	BX81	1	10
94643	BX82	1	10
94644	BX83	1	10
94645	BX85	1	10
94646	BX90	1	10
94647	BX93	1	10
94648	BX95	1	10
94649	BX96	1	10
94652	BX100	1	10
94657	BX120	1	10
94658	BX124	1	10
94660	BX133	1	10
94663	BX150	1	10
94668	BX195	1	10

MARS V-Belts

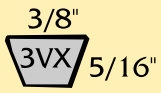
MARS SERIES **941**

MARS Wedge V-Belts

Air MARS Wedge V-belts allow for compact drives and higher (lower cost) RPM motors. These belts are oil and heat resistant and static conducting.

Wedge V-Belts 3VX-3/8"X 5/16" 5VX-5/8" X 7/32"

MARS NO.	DESCRIPTION	MARS PACK	CASE QTY.
94530	3VX250	1	10
94536	3VX355	1	10
94540	3VX450	1	10
94541	3VX475	1	10
94542	3VX500	1	10
94544	3VX560	1	10
94545	3VX600	1	10
94546	3VX630	1	10
94547	3VX670	1	10
94548	3VX710	1	10
94549	3VX750	1	10
94550	3VX800	1	10
94551	3VX850	1	10
94552	3VX900	1	10
94553	3VX950	1	10
94554	3VX1000	1	10
94555	3VX1060	1	10
94680	5VX630	1	10
94681	5VX710	1	10



MARS Accu-Link Adjustable V-belts

Air MARS Wedge V-belts allow for compact drives and higher (lower cost) RPM motors. These belts are oil and heat resistant and static conducting.

- solves HVAC v-belt drive problems, quickly and accurately
- ideal temporary or permanent replacement for conventional rubber belts
- easy snap & twist assembly
- no special tools needed
- ideal for emergency repairs & replacements
- keep Accu-Link in every contractor truck and you will never be without a belt in any circumstance.
- 5 ft. sleeve

MARS Accu-Link Adjustable V-Belt

MARS NO.	MARS DESCRIPTION	CASE PACK	QTY.
94670	3L Accu-Link	1	25
94671	A/4L Accu-Link	1	25
94672*	B/5L Accu-Link	1	25

** 6 foot sleeve*

Air MARS Cross Reference Information

Enclosed you will find the AirMARS cross reference guide. It is the result of Motors & Armatures' on going commitment to provide the most complete information possible to wholesalers, contractors and service technicians so they may select a desired product quickly and accurately.

In compiling this cross reference, every effort has been made to insure the accuracy of the information, however, Motors & Armatures cannot accept responsibility for errors which may be caused by changes in part numbers, specifications or by typographical or clerical errors in preparation. Manufacturers' and suppliers' part numbers within this cross reference and catalog are shown for identification and reference purposes only.

AAON	MARS
P47570	40053

ALLIED	MARS
10026601	40356
10026801	40362
41141001	40094
41354001	40375
41355001	40132
41518001	40100
42686001	40343
44931001	40096
45582001	40340
100060-02	40382
100060-03	40339
100060-04	40042
100060-05	40099
100060-07	40339
100060-08	40097
100060-09	40099
100060-10	40382
100060-13	40107

Armstrong	MARS
46238001	40151
46239001	40042
46240001	41821
100060-02	40382
100060-03	40339
100060-04	40042
100060-05	40099
100060-07	40339
100060-08	40097
100060-09	40099
100060-10	40382
100060-13	40107
39062B001	40154

BARD	MARS
5151048	40138

CARRIER	MARS
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LA01AA015	40096
LA01AA019	40375
LA01AA022	40164
LA01AA023	40378
LA01AA026	40379
LA01AA177	40338
LA01AA179	40404
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LA01AA201	40049
LA01AB017	40101
LA01AB018	40135
LA01AB019	40105
LA01AB022	40105
LA01AB026	40105
LA01AB200	40105
LA01AB203	40378
LA01AB243	40387
LA01AD021	40139
LA01AD022	40110
LA01AD027	40381
LA01AD028	40389
LA01AD030	40389
LA01AD032	40120
LA01AH243	40113
LA01AT183	40095
LA01AU183	40155
LA01AX247	40145
LA01EA025	40053
LA01EA031B	40069
LA01EA037	40352
LA01EA121	40053
LA01EB025	40363
LA01EC019	40338
LA01EW024	40112
LA01EW025	40110
LA01EW041	40058
LA01EW044	40058
LA01EW050	40328
LA01LA019	40049
LA01LA024	40057
LA01LA026	40362
LA01LB016	40068
LA01RA015	40340
LA01RA025	40350
LA01RA028B	40352
LA01RA038A	40053
LA01RA320	40049
LA01RA321	40049
LA01RA323	40057
LA01RA324	40057
LA01RA329	40362
LA01RA331	40352
LA01RA332	40069
LA01RA333	41801
LA04LA161	40372
LA04LA200	40379
LA05LA016	40331
LA05LA021	40049
LA580524	40347
LA580530	40387
LA680506	40051
LA680517	40135
LA680518	40101
LA680522	40054
LA680525	40100
LA680527	40356
LA680528	40139
LA680538	40166
LA680562	40118

CARRIER	MARS
LA01EA038	40352
LA01RA027	40350

EXCEL	MARS
20391102	40343
20391105	40355
20391106	40352
20391107	40047
20391108	40100
20391109	40339
20391110	40097
20391111	40099
20391112	40107
100060-03	40339
100060-19	40053

FASCO	MARS
H10	40006
H5	40003
H6	40004
H8	40005
STB1	40230
STB2	40232
STB3	40231
STB4	40234
STB5	40235
STB6	40237
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STBP5	40240
STBP6	40242
STBP7	40244
STBP8	40241
STBP9	40245
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1-6133	40563
1-6141	40564
1-6143	40570

FASCO	MARS
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2-6022	40721
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2-6085	41130
2-6089	4703
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2-6091	40712
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2-6093	40716
2-6107	40732
2-6108	40746
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2CL2025	40313
2CL2227	40320
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3CL1827	40044
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3CL1833	40046
3CL2024	40048
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3CL2031	40068
3CL2230	40024
3CL2233-4	40357
3CL2235	41802
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3CL2426	40058
3CL2433	40060
3CL2433-4	40361
3CR1433-4	40328
3CR1633-4	40333
3CR1827	40043
3CR1830	40065
3CR1833	40045
3CR1833-4	40343
3CR2024	40047
3CR2028	40049
3CR2031	40067
3CR2230	40069
3CR2233-4	40356
3CR2235	41801
3CR2426	40057
3CR2433	40059
3CR2433-4	40360
4CL1223	40082

FASCO	MARS
4CL1423	40083
4CL1433	40087
4CL1433-4	40370
4CL1623	40089
4CL1633	40093
4CL1827	40097
4CL1830	40135
4CL1833	40099
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4CL2235	40164
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4CL2427	40115
4CL2433	40117
4CL2627	40119
4CL2633	40121
4CR1423	40082
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4CR1623	40088
4CR1633	40092
4CR1633-4	40372
4CR1827	40096
4CR1830	40134
4CR1833	40098
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4CR2026	40102
4CR2029	40137
4CR2033	40104
4CR2033-4	40378
4CR2223	40106
4CR2227	40108
4CR2235	40110
4CR2418	40143
4CR2423	40112
4CR2427	40114
4CR2433	40116
4CR2627	40118
4CR2633	40120
4CR3038	40207
4CR4238	40213
4CR4838	40215
4CR5438	40218
4CR6038	40220
4FL1033	40075
4FL1223	40077
4FL1233	40081
4FR1033	40074
4FR1223	40076
4FR1233	40080

GEM	MARS
FBG10423L	40071
FBG10423R	40070
FBG10427L	40073
FBG10427R	40072
FBG10433L	40075
FBG10433R	40074
FBG12423L	40077
FBG12423R	40076
FBG12433L	40081
FBG12433R	40080
FBT14423L	40083
FBT14423R	40082
FBT14433L	40087
FBT14433R	40086
FBT16423L	40089
FBT16423R	40088
FBT16433L	40093
FBT16433R	40092
FBT18227L	40308
FBT18327L	40044
FBT18327R	40043
FBT18333L	40046
FBT18333R	40045
FBT18427L	40097
FBT18427R	40096
FBT18430L	40135
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FBT18433R	40098
FBT20225L	40313
FBT20324R	40047
FBT20328R	40049
FBT20331R	40067
FBT20426L	40103
FBT20426R	40102
FBT20429L	40138
FBT20429R	40137
FBT20433L	40105
FBT20433R	40104
FBT22331R	40053
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FBT22435R	40110
FBT24326L	40058
FBT24326R	40057
FBT24427L	40115
FBT24427R	40114
FBT24433R	40116
FBT26427R	40119

GOODMAN	MARS
10625715	40307
10625721	40065
10625731	40357
10625733	40054
10625739	40357
10650802	40363
11182905	40380
150M00001P	40050
B1086756	40066
B1086775	40054
150M00001P	40050
10625719	40352
10625732	40046
10625739	40357
0150M00001P	40050
150M00001P	40050
B1086756	40066
B1086764	40107
B1086765	40109
B1086771	40045
B1086772	40358
B1086773	40054
B1086775	40054

Heatcraft	MARS
22901101	40168
5106B	40077
5108C	40083
5109B	40089
5110B	40091
5111B	40093
5113A	40097

HTP Group	MARS
08221154	40381

LAU	MARS
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008360-10	41509
008360-12	41510
008360-16	41511
008361-12	41507
008362-12	41508
008403-16	41520
008507-16	41514
008519-12	41502
008621-12	41501
008747-16	41525
009867-16	41517
013316-02	41333
013316-06	41332
013317-01	41329
013317-04	41328
013322-03	41335
013323-01	41331
013324-01	41327
013324-02	41326
013325-01	41323
013326-01	41318
013326-02	41317
013326-14	41321
013327-01	41314

Air MARS Cross Reference Information

LAU	MARS
013332-01	41365
013332-03	41361
013334-01	41360
013335-01	41303
013336-02	41307
013336-03	41306
013337-01	41311
013337-03	41310
013693-15	41354
013693-25	41364
015565-04	41356
015565-07	41355
017671-37	41535
020487-69	40637
020487-70	40638
020553-02	40641
024768-01	40833
024768-09	40831
024768-10	40832
026940-03	41339
026940-05	41341
026940-07	41345
026940-08	41344
026940-09	41349
026940-10	41348
026941-07	41343
026941-11	41351
026941-12	41350
027102-04	41362
028957-25	40602
028957-26	40603
028957-43	40619
028957-44	40620
028957-68	40556
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028957-72	40561
028957-73	40562
028957-74	40564
028957-75	40563
028958-01	41101
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028958-03	41105
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028958-24	41116
028958-25	41117
029175-01	40918
029176-01	40919
050998-01	40851
052141-01	40850
053825-01	09140
053825-02	09516
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270-072-01	40832
270-089-12	40835
270-089-17	40834
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60-9972-01	40395
725138-08	40240
725138-09	40242
725138-10	40241
725138-11	40245
725138-12	40244
725138-15	40246

LENNOX	MARS
65248500	40328
65257200	40072
65258600	40033
65258700	40035
100060-02	40382
100060-03	40339
100060-04	40042
100060-05	40099
100060-07	40339
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100060-09	40099
100060-10	40382
100060-13	40107
16C0001	40057
24L2001	40137
27K7801	40072
32M9401	40382
33G0601	40100

LENNOX	MARS
37L4801	40334
37L5001	40099
43G3801	40108
45C5101	40114
45F5801	40380
54G3001	40112
56L7201	40359
65C6801	40358
68J2601	40339
68J2701	40097
68J2801	40099
68J4301	40107
72H2901	40068
72L9201	40352
93G9001	40389
95C5901	40375
98G5201	40101
99K2101	40033
99K4501	40057
P-8-11098	40102
P-8-8038	40137

Magnetek	MARS
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1-0439	41123
1-14721	41116
1-2640	40721
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1-2873	41110
2-0223	41105
2-0414	41101
2-0600	41114
2-0678	41115
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6-4330	40076
6-4331	40077
6-4334	40080
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6-4368	40340
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6-4380	40069
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6-4398	40134
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6-4407	40105

Air MARS Cross Reference Information

Magnetek	MARS
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6-4410	40139
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6-4413	40115
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6-4601	07583
6-4605	07591
6-4606	07592
6-4609	07593
6-4610	07594
6-4611	07595
6-4612	07596
6-4941	40308
6-4942	40313
6-4944	40320
6-5737	40143

MODINE	MARS
5H57845C0104	40033
5H57847C0104	40082
5H58108C0104	40335
5H63036C0101	40061
5H63038C0104	40332
5H70435B0104	40057
5H63039B0104	40375
5H63980C0104	40069
5H73833B0101	40061
5H73834B0104	40031
5H73835B0101	40033
5H73835B0104	40033
5H73840B0104	40378

NORDYNE	MARS
667303	40057
667309	40375
667315	40335
667323	40100
667355	40049
667356	40349
667359	40358
6672780	40067
6672790	40049
6672820	40102
6673180	40376
667206D	40103
667212C	40359
667212D	40359
667261C	40335
667262B	40065
667312A	40387

RHEEM	MARS
702060801	40321
704226801	40024
701989703	40323
701989704	40058
702185905	40308

RHEEM	MARS
702185906	40319
704203501	40138
7010132302	40312
7010132307	40052
7010132306	40320
7010132309	40315

Springer	MARS
17601025	40338
17601026	40053
17604220	40053

TORIN	MARS
B-2026-4CCW	40102
B-2029-4CCW	40138
B-2227-4CW	40114
B-2236-4CW	40110
B-2427-3CW	40057
B-2427-4CCW	40115
B-2427-4CW	40117
B-2434-4CW	40116
B-2628-4CW	40119
B-2727-3CCW	40058
N-1024-4CCW	40071
N-1024-4CW	40070
N-1027-4CCW	40073
N-1027-4CW	40072
N-1033-4CCW	40075
N-1033-4CW	40074
N-1223-4CCW	40077
N-1223-4CW	40076
N-1233-4CCW	40081
N-1233-4CW	40080
N-1423-4CCW	40083
N-1423-4CW	40082
N-1433-4CCW	40087
N-1433-4CW	40086
N-1623-4CCW	40089
N-1623-4CW	40088
N-1633-4CCW	40093
N-1633-4CW	40092
N-1827-3CCW	40044
N-1827-3CW	40043
N-1827-4CCW	40097
N-1827-4CW	40096
N-1830-4CCW	40135
N-1830-4CW	40134
N-1832-4CCW	40099
N-1832-4CW	40098
N-1834-3CW	40045
N-2023-4CW	40102
N-2024-3CW	40047
N-2026-4CW	40137
N-2028-3CW	40049
N-2031-3CW	40067
N-2033-4CCW	40105
N-2033-4CW	40104
N-2231-3CW	40053
10334	40074
10338	40075
12234	40076
12238	40077
12334	40080
12338	40081

TORIN	MARS
14234	40082
14238	40083
14334	40086
14338	40087
16234	40088
16238	40089
16334	40092
16338	40093
18273	40043
18274	40096
18277	40044
18278	40097
18304	40134
18308	40135
18324	40098
18328	40099
18343	40045
20234	40046
20243	40047
20264	40137
20268	40103
20283	40049
20294	40104
20298	40138
20313	40067
20334	40105
22274	40108
22313	40053
22364	40110
24273	40057
24274	40114
24278	40115
24344	40116
26284	40119
2700602	40043
2700612	40044
2700642	40045
2700652	40046
2700662	40047
2700682	40049
2700702	40067
2700722	40053
2700762	40057
2700772	40058
2700802	40096
2700812	40097
2700822	40134
2700832	40135
2700842	40098
2700852	40099
2700862	40103
2700882	40137
2700892	40138
2700912	40138
2700922	40108
2700942	40110
2700962	40114
2700972	40115
2700982	40116
2760212	40075
2760262	40080
2760462	40119
2760682	40074
2760702	40076

TORIN	MARS
2760712	40077
2760732	40081
2760742	40082
2760752	40083
2760762	40086
2760772	40087
2760782	40088
2760792	40089
2760802	40092
2760812	40093
2760822	40104
2760832	40105

TRANE	MARS
X38010305010	40069
X38010307050	40139
X38010309040	40098
X38010330010	40379

YORK	MARS
02628198000	40096
02629094000	40380
02634091000	40305
02634092000	40045
02634093000	40356

Air MARS Special Orders

Special order requirements can be a way to provide an extra level of service to your customers. Motors & Armatures Inc. encourages our wholesale customers to take advantage of the opportunity to place special orders for Air MARS products that are not in this catalog.

Special orders are processed as separate production runs by the factory. A minimum quantity will always be required. In most cases, the minimum will be 25 pieces. Because special orders are non-stock items, once ordered they are non-cancellable. Also, special orders are not returnable.

Quotes normally take 3 to 4 working days to process. Following is check list for various Air MARS components.

Direct Drive Wheels

___ Diameter
___ Width
___ Material (aluminum, steel?)
___ Rotation
___ Type of hub & bore
___ Finish (galvanized, paint?)
___ Assembly (housing?)
___ Construction (strip or tablock?)

Small Blower Wheels

___ Diameter
___ Width
___ Bore
___ Material (Aluminum Steel, etc.)
___ Single or Double Inlet?
___ Construction
___ Assembly
___ Back Plate Configuration

Fan Blades

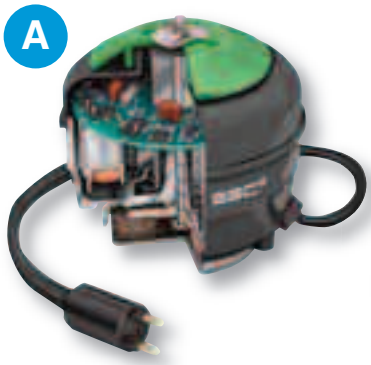
___ Diameter
___ Pitch
___ Number of Wings
___ Material
___ Hub Type (attached, adapter, bushing?)
___ Bore
___ Construction

Important Note:
Because special orders cannot be returned, it is highly recommended that your customer signs off on the check list specifications before the order is entered with the factory.

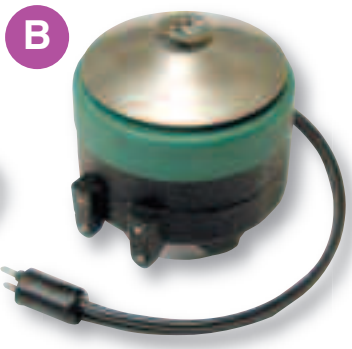
MARS, Your Only Source For Commercial Refrigeration & HVAC ECM Solutions.

Commercial Refrigeration Products & Applications

SSC² morrillmotors
Evaporator/Condenser

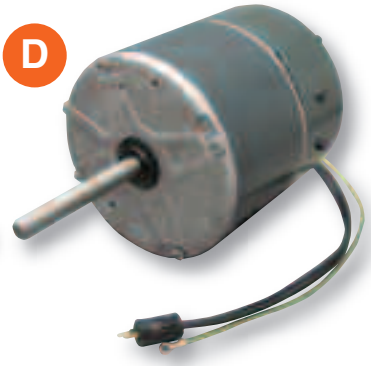


EM&S
Unitronix Double Duty Evaporator/Condenser



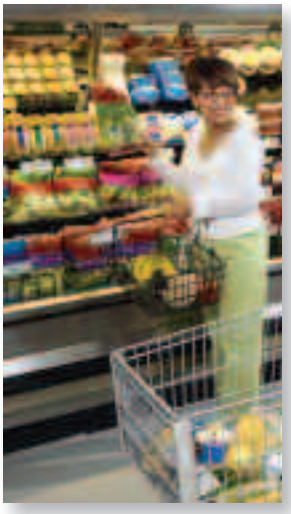
ARKTIC·59 morrillmotors
Walk-In Evaporator

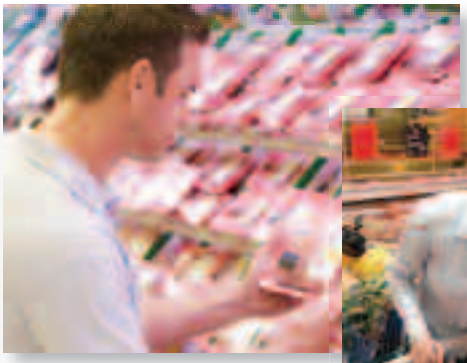
ARKTIC·142 morrillmotors
Evaporator/Condenser Fans

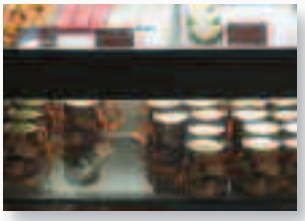


Grocery Store/Convenience Store

A B	Producer Coolers
A B	Reach-in Glass Door Coolers
A B	Reach-in Glass Door Freezers
A B	Bakery/Deli Walk-up
C D	Back of Store Walk-in Cooler
C D	Back of Store Walk-in Freezer
A B	Soda Vending Machine
A B	Bottle Coolers at Registers
D	Rooftop Condensers
D	Back Room Parallel Rack Systems
A B	Floral Display Cases
A B	Water Fountains







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Evergreen · AH
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