

BALDOR® • RELIANCE

Product Information Packet

UCLE1015

10-15HP,3500RPM,1PH,60HZ,215Z,3750LC,TEN

Part Detail									
Revision:	C	Status:	PRD/A	Change #:		Proprietary:	No		
Type:	AC	Prod. Type:	3750LC	Elec. Spec:	37WGY921	CD Diagram:			
Enclosure:	TEAO	Mfg Plant:		Mech. Spec:	37M301	Layout:			
Frame:	215Z	Mounting:	F1	Poles:	02	Created Date:	01-15-2010		
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	03-26-2010		
Leads:	2#8 A PH 32" long, 2#10 A PH 32" long	UL Rating:	Y	Elec. Diagram:		Replaced By:			
Nameplate NP1279L									
CAT.NO.	UCLE1015								
SPEC.	37M301Y921G1								
HP	10-15								
VOLTS	230								
AMP	46-61								
RPM	3500								
FRAME	215Z	HZ			60	PH	1		
SER.F.	1.00	CODE			K	DES	-	CL	F
NEMA-NOM-EFF	PF								
RATING	40C AMB-CONT								
CC	USABLE AT 208V								
DE	6307	ODE			6206				
ENCL	TEAO	SN							

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CC		USABLE AT 208V							
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Parts List		
Part Number	Description	Quantity
SA190187	SA 37M301Y921G1	1.000 EA
RA177870	RA 37M301Y921G1	1.000 EA
OC3060F10SP	CYL OIL CAP 60MFD/370V	1.000 EA
EC4270C06	ELEC CAP, 270-324 MFD, 250V, 2.06D X 4.	2.000 EA
HW3200A01	3/8-16X3/4 I-BLT WELDED F/S	1.000 EA
HA6011A01	ADAPTOR, MACH	1.000 EA
36GS5001	GASKET CONDUIT ADAPTOR	1.000 EA
51XF2520A08	SCREW, HEX SER SLT HD, ZN 1/4-20 X .50 L	2.000 EA
52XF1032G04	S0-32 X 1/4, HX HD SR SL	1.000 EA
37EP3101B62	FR ENDPLATE, MACH	1.000 EA
HW4500A19	1/4-28X1/4 SLOTTED PLUG F/S	2.000 EA
13XT0832A07	8-32X7/16 TYP 23 PAN HD SLT DX	2.000 EA
NS2501A01	INSULATOR, CAPACITOR	2.000 EA
35CB4802A02SP	CAPACITOR COVER, STAMPED X W/AUTOPHORET	2.000 EA
35GS3003A02	1/16" NEOPRENE BOX GASKET FT. SMITH MADE	2.000 EA
51XB1016A05	10-16X5/16HX WA SL SR TYB (F/S)	4.000 EA
HW5100A06	W2420-025 WVY WSHR (WB)	1.000 EA
37EP3100A07	PU ENDPLATE, MACH., LOCKED BEARING	1.000 EA
HW4500A19	1/4-28X1/4 SLOTTED PLUG F/S	2.000 EA
10XN2520A28	1/4-20X 1 3/4 HEX HD	4.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	4.000 EA
XY3118A12	5/16-18 HEX NUT DIRECTIONAL SERRATION	4.000 EA
HW2501E18	KEY, 1/4 SQ X 2.000	1.000 EA
HA7000A02	KEY RETAINER RING, 1 1/8 DIA, 1 3/8 DIA	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
LB1001	LABEL, GREASE-EXXON POLYREX EM	1.000 EA
LB1115	LABEL,LIFTING DEVICE	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.050 LB
MG1025Z20	ACTIVATOR WILKOFAS 060.32	0.010 GA
MG1025C02	PAINT, 787.105 LITE TAN EPOXY (USE W/MG1	0.028 GA
LD5000A34	LEAD ASSY, ML1400DF08 W/#10 RING 12"	1.000 EA
SP5172A10	TORQ MODEL 37 TYPE LC SPLIT CAPS,	1.000 EA
WD1000A15	3-520132-2 AMP FLAG (4M/RL NON-CANC/NON-	8.000 EA
HA3104A18	THRUBOLT- 5/16-18 X14.000	4.000 EA
LB1119	WARNING LABEL	1.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA
LB1161	LABEL,THERMOSTAT (ROLL LABEL)	1.000 EA
LC0208	CONNECTION LABEL X	1.000 EA
NP1279L	ALUM, UL CSA, FARM DUTY, W/O THERMAL,	1.000 EA
NP1263L	AUX, GP, ALUM, CC, LASER ETCHED	1.000 EA
37PA1052	PACKAGING GROUP, 150 LB MTR 2 X 4 RUNNER	1.000 EA
NS2539	INSULATOR FOR 37 FRAMESWITCH (MH1011A10)	1.000 EA

Accessories		
Part Number	Description	Multiplier
37-3301	\ FACE KIT	P1

Performance Data at 230V, 60Hz, 15.0HP (Typical performance - Not guaranteed values)**General Characteristics**

Full Load Torque:	22.5 LB-FT	Start Configuration:	DOL
No-Load Current:	17.3 Amps	Break-Down Torque:	96.0 LB-FT
Line-line Res. @ 25°C.:	0.0724 Ohms A Ph / 0.851 Ohms B Ph	Pull-Up Torque:	25.4 LB-FT
Temp. Rise @ Rated Load:		Locked-Rotor Torque:	32.8 LB-FT
Temp. Rise @ S.F. Load:		Starting Current:	391.0 Amps

Load Characteristics

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	70.0	85.0	89.0	91.0	91.0	90.0	0.0
Efficiency:	76.8	85.9	88.1	87.8	86.7	84.3	0.0
Speed:	3580.0	3562.0	3542.0	3518.0	3491.0	3456.0	0.0
Line Amperes:	23.3	34.0	46.9	61.2	77.0	94.6	0.0

Performance Graph at 230V, 60Hz, 15.0HP Typical performance - Not guaranteed values





