

BALDOR® • RELIANCE

Product Information Packet

EMM2333

11KW,1765RPM,3PH,60HZ,D160M,0944M,TEFC,F

Part Detail

Revision:	K	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Elec. Spec:	09WGGZ910	CD Diagram:	CD0005	Mfg Plant:	
Mech. Spec:	09F285	Layout:	09LYF285	Poles:	04	Created Date:	11-09-2012
Base:	RG	Eff. Date:	09-05-2017	Leads:	9#12		

Specs

Catalog Number:	EMM2333	Heater Indicator:	No Heater
Enclosure:	TEFC	Insulation Class:	F
Frame:	D160M	Inverter Code:	Inverter Ready
Frame Material:	Iron	KVA Code:	H
Output @ Frequency:	11.000 KW @ 60 HZ	Lifting Lugs:	Standard Lifting Lugs
Synchronous Speed @ Frequency:	1800 RPM @ 60 HZ	Locked Bearing Indicator:	Locked Bearing
Voltage @ Frequency:	460.0 V @ 60 HZ	Motor Lead Quantity/Wire Size:	9 @ 12 AWG
	230.0 V @ 60 HZ	Motor Lead Exit:	Ko Box
XP Class and Group:	None	Motor Lead Termination:	Flying Leads
XP Division:	Not Applicable	Motor Type:	0944M
Agency Approvals:	CSA	Mounting Arrangement:	F2
	UR	Power Factor:	83
Auxiliary Box:	No Auxiliary Box	Product Family:	General Purpose
Auxiliary Box Lead Termination:	None	Pulley End Bearing Type:	Ball
Base Indicator:	Rigid	Pulley Face Code:	Standard
Bearing Grease Type:	Polyrex EM (-20F +300F)	Pulley Shaft Indicator:	Tapped & Key
Blower:	None	Rodent Screen:	None
Current @ Voltage:	18.100 A @ 460.0 V	Shaft Extension Location:	Pulley End

	36.200 A @ 230.0 V	Shaft Ground Indicator:	No Shaft Grounding
	38.000 A @ 208.0 V	Shaft Rotation:	Reversible
Design Code:	A	Shaft Slinger Indicator:	Shaft Slinger
Drip Cover:	No Drip Cover	Speed Code:	Single Speed
Duty Rating:	CONT	Motor Standards:	IEC
Electrically Isolated Bearing:	Not Electrically Isolated	Starting Method:	Direct on line
Feedback Device:	NO FEEDBACK	Thermal Device - Bearing:	None
Frame Prefix:	D	Thermal Device - Winding:	None
Front Face Code:	Standard	Vibration Sensor Indicator:	No Vibration Sensor
Front Shaft Indicator:	None	Winding Thermal 1:	None
		Winding Thermal 2:	None

Nameplate NP1159L

CAT.NO.	EMM2333										
SPEC.	09F285Z910G1										
IEC FRAME	D160M					KW	11				
VOLTS	230/460										
AMP	36.2/18.1										
RPM	1765					ENCL	TEFC				
HZ	60					PH	3		CL	F	
SER.F.	1.15					DES	A		CODE	H	
NEMA-NOM-EFF	92.4				I.P.	54					
RATING	40C AMB-CONT										
CC	010A				USABLE AT 208V					38	
DE	6309				ODE	6208					
SER. #											

AC Induction Motor Performance Data

Record # 40352 - Typical performance - not guaranteed values

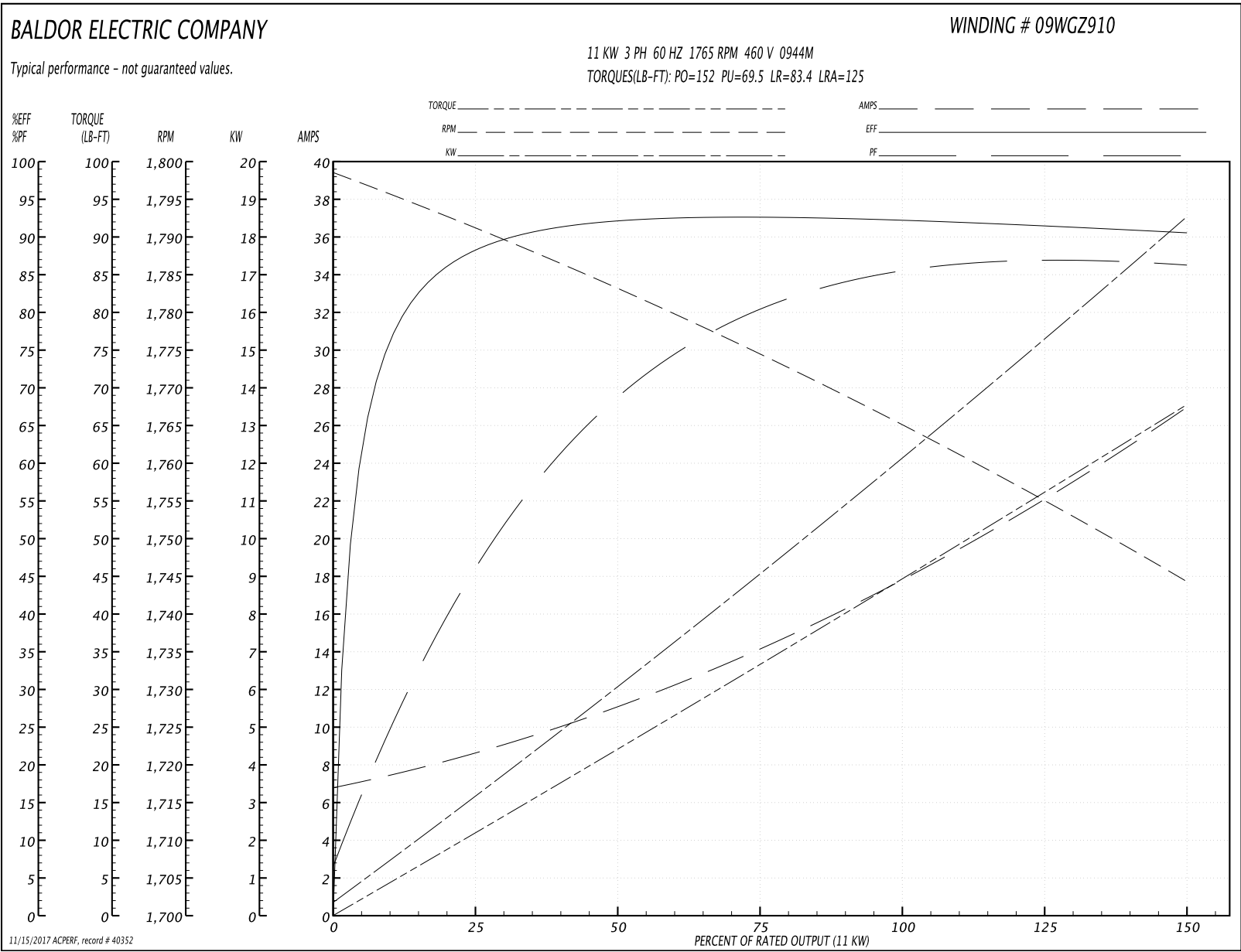
Winding: 09WGZ910-R006	Type: 0944M	Enclosure: TEFC
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Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (KW)	11			Full Load Torque	44.6 LB-FT
Volts	230/460			Start Configuration	direct on line
Full Load Amps	36.2/18.1			Breakdown Torque	152 LB-FT
R.P.M.	1765			Pull-up Torque	69.5 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	83.4 LB-FT
NEMA Design Code	A	KVA Code	H	Starting Current	125 A
Service Factor (S.F.)	1.15			No-load Current	7.12 A
NEMA Nom. Eff.	92.4	Power Factor	83	Line-line Res. @ 25°C	0.60351 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	58°C
S.F. Amps				Temp. Rise @ S.F. Load	71°C
				Locked-rotor Power Factor	33.1
				Rotor inertia	1.92 LB-FT2

Load Characteristics 460 V, 60 Hz, 11 KW

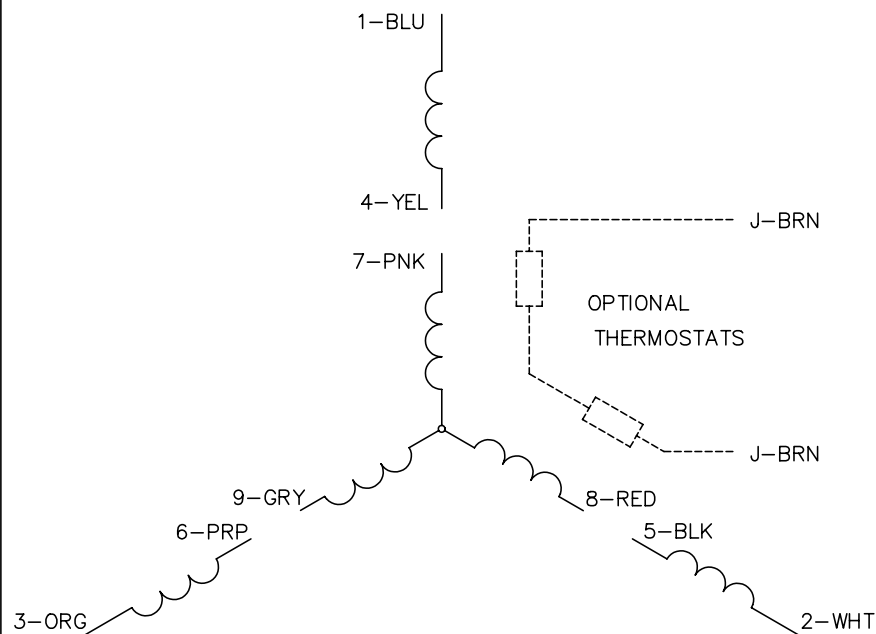
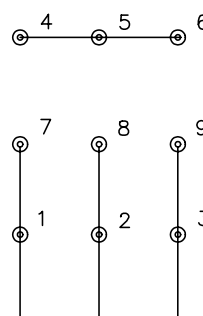
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	49	71	79	83	87	87	86
Efficiency	88.1	92.1	92.6	92.4	91.7	90.6	92
Speed	1790.9	1782.8	1774.4	1765.5	1755	1744.1	1759
Line amperes	8.24	10.8	14.4	18.1	22.2	26.8	20.6

Performance Graph at 460V, 60Hz, 11.0KW Typical performance - Not guaranteed values

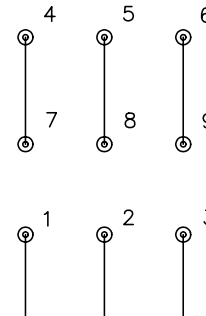




CD0005

LOW VOLTAGE
(2Y)

LINE

HIGH VOLTAGE
(1Y)

LINE

NOTES:

1. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
2. OPTIONAL THERMOSTATS ARE PROVIDED WHEN SPECIFIED.
3. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY BE A MULTIPLE OF THOSE SHOWN ABOVE.
4. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

REV. DESC: REVISE TO SHOW OPTIONAL COLORS

REV. LTR: E BY: JLP

REVISED: 01/19/99 10:15

TDR: 0171435

900000

FILE: AAA00005140

MDL: -

MTL: -

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS

CD0005