

BALDOR® • RELIANCE

Product Information Packet

VEJMM3313T

10HP,1770RPM,3PH,60HZ,215JM,3752M,ODTF,F

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Part Detail									
Revision:	A	Status:	PRD/A	Change #:		Proprietary:	No		
Type:	AC	Prod. Type:	3752M	Elec. Spec:	37WGS518	CD Diagram:			
Enclosure:	ODTF	Mfg Plant:		Mech. Spec:	37Q027	Layout:			
Frame:	215JM	Mounting:	F1	Poles:	04	Created Date:	05-05-2010		
Base:	N	Rotation:	R	Insulation:	F	Eff. Date:	02-10-2012		
Leads:	9#14	Literature:		Elec. Diagram:		Replaced By:			
Nameplate NP1259L									
CAT.NO.	VEJMM3313T								
SPEC.	37Q027S518G1								
HP	10								
VOLTS	208-230/460								
AMP	25.4-24/12								
RPM	1770								
FRAME	215JM	HZ			60	PH	3		
SER.F.	1.15	CODE			K	DES	A	CL	F
NEMA-NOM-EFF	91.7	PF			85				
RATING	40C AMB-CONT								
CC	010A	USABLE AT 208V							
DE	6309	ODE			6206				
ENCL	ODTF	SN							

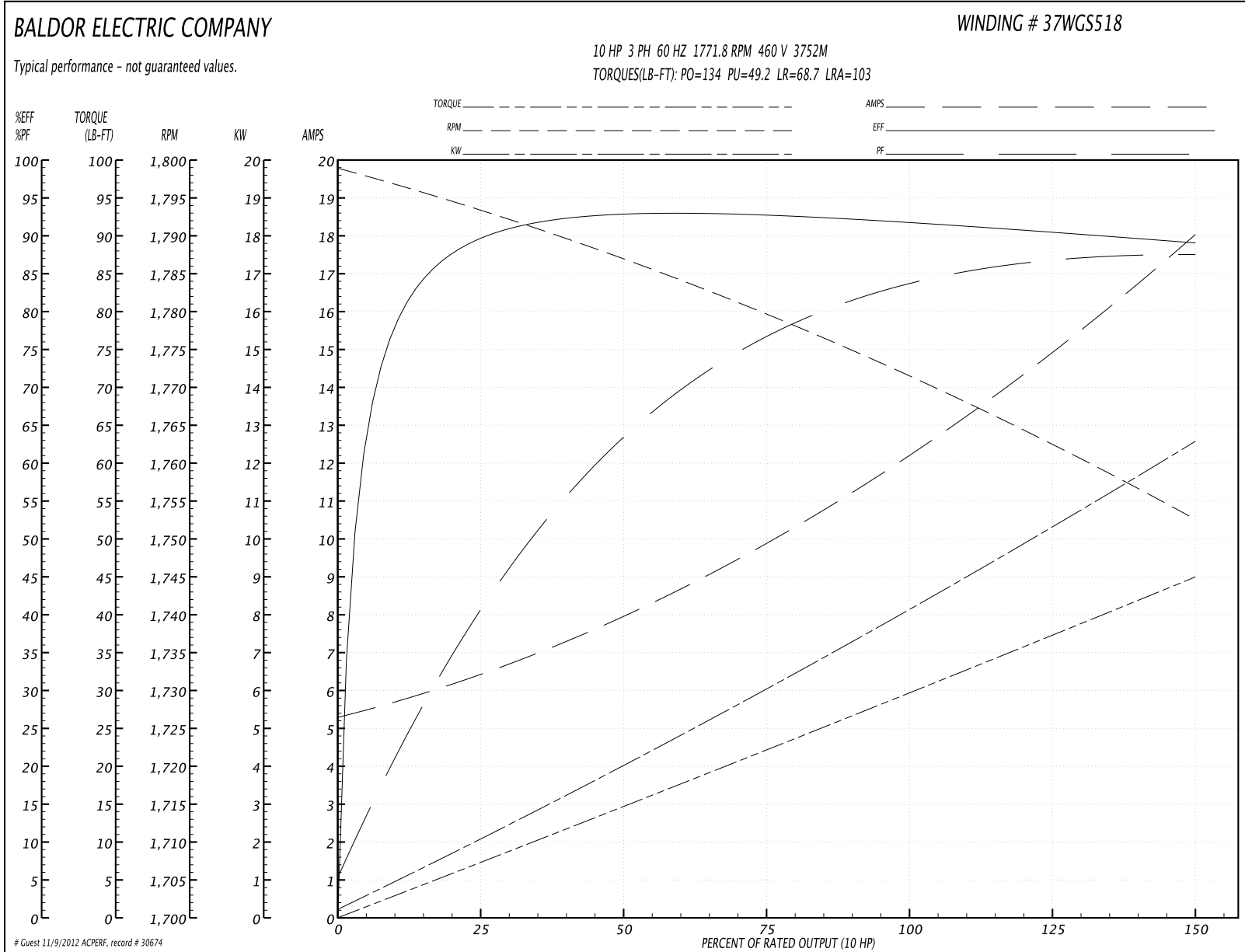
Parts List		
Part Number	Description	Quantity
SA194438	SA 37Q027S518G1	1.000 EA
RA182025	RA 37Q027S518G1	1.000 EA
37FN3002C01	EXFN, PLASTIC, 6.00 OD, 1.155 ID	1.000 EA
S/P107-000-001	SUPER E PROC'S-FS & WS PLTS-POLYREX EM G	1.000 EA
HW3200A01	3/8-16X3/4 I-BLT WELDED F/S	1.000 EA
37CB3006	37 CB CASTING W/1.38 LEAD HOLE @ 6:00	1.000 EA
10XN2520A10	1/4-20X 5/8 HEX HD X	2.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	2.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
37EP3200A38	FR ENDPLATE, 37L&M, OPEN, MACH, W/GRSR &	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
HW5100A06	W2420-025 WVY WSHR (WB)	1.000 EA
37EP3401A03	PUEP OPEN 309 BRG W/BAFFLE, GRS	1.000 EA
37AD2000A02	BAFFLE PLATE, STAMPED PLATED	1.000 EA
60XW0632A06	6-32 X 3/8 TORX HEAD SCREW TAPTITE II	4.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
10XN2520A36	1/4-20X 2 1/4 HEX HD X	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
51XB1214A20	12-14X1.25 HXWSSLD SERTYB	1.000 EA
07FH4004A05	SPL 307 DRIP COVER ODTF LESS GRILLE	1.000 EA
HA3218A05	M/FE STANDOFF UNIC#SX1043.25-20 .38 HEX	3.000 EA
10XN2520A06	1/4 20X3/8 HX HD CAP	3.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	3.000 EA

Parts List (continued)		
Part Number	Description	Quantity
HW4600A73	SEAL 1.748 X 2.375 X 0.250 FACE SEALING	1.000 EA
37CB4516	LIPPED LID FOR 37 FRAME NEC KOBX	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 EA
HW2501D13SP	KEY, 3/16 SQ X 1.375	1.000 EA
HA7000A01	KEY RETAINER 7/8" DIA SHAFT	1.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
LB1115	LABEL,LIFTING DEVICE	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.050 LB
HA3104A25	THRUBOLT .31-18 X 14.75	4.000 EA
MG1000Y03	WILKO 689.710 GOLD PAINT SUPER E	0.028 GA
LC0005E01	CONN.DIA./WARNING LABEL (LC0005/LB1119)	1.000 EA
LB1125C02	SUPER-E (STOCK CTN LABEL SUPER-E WITH FL	1.000 EA
LB1357	ENERGY GUIDE LABEL (BOX LABEL)	1.000 SH
NP1259L	ALUM SUPER-E UL CSA-EEV CC NEMA PREMIUM	1.000 EA
37PA1052	PACKAGING GROUP, 150 LB MTR 2 X 4 RUNNER	1.000 EA
PK3082	STYROFOAM CRADLE	1.000 EA

Performance Data at 460V, 60Hz, 10.0HP (Typical performance - Not guaranteed values)

General Characteristics							
Full Load Torque:		29.5 LB-FT		Start Configuration:		DOL	
No-Load Current:		5.49 Amps		Break-Down Torque:		134.0 LB-FT	
Line-line Res. @ 25°C.:		0.93503 Ohms A Ph / 0.0 Ohms B Ph		Pull-Up Torque:		49.2 LB-FT	
Temp. Rise @ Rated Load:		63 C		Locked-Rotor Torque:		68.7 LB-FT	
Temp. Rise @ S.F. Load:		81 C		Starting Current:		103.0 Amps	
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	42.0	66.0	79.0	85.0	84.0	87.0	84.0
Efficiency:	88.9	92.1	92.4	91.8	90.3	89.0	90.9
Speed:	1793.9	1786.8	1779.7	1771.8	1762.7	1752.5	1766.0
Line Amperes:	6.14	7.8	9.9	12.3	15.0	17.9	13.9

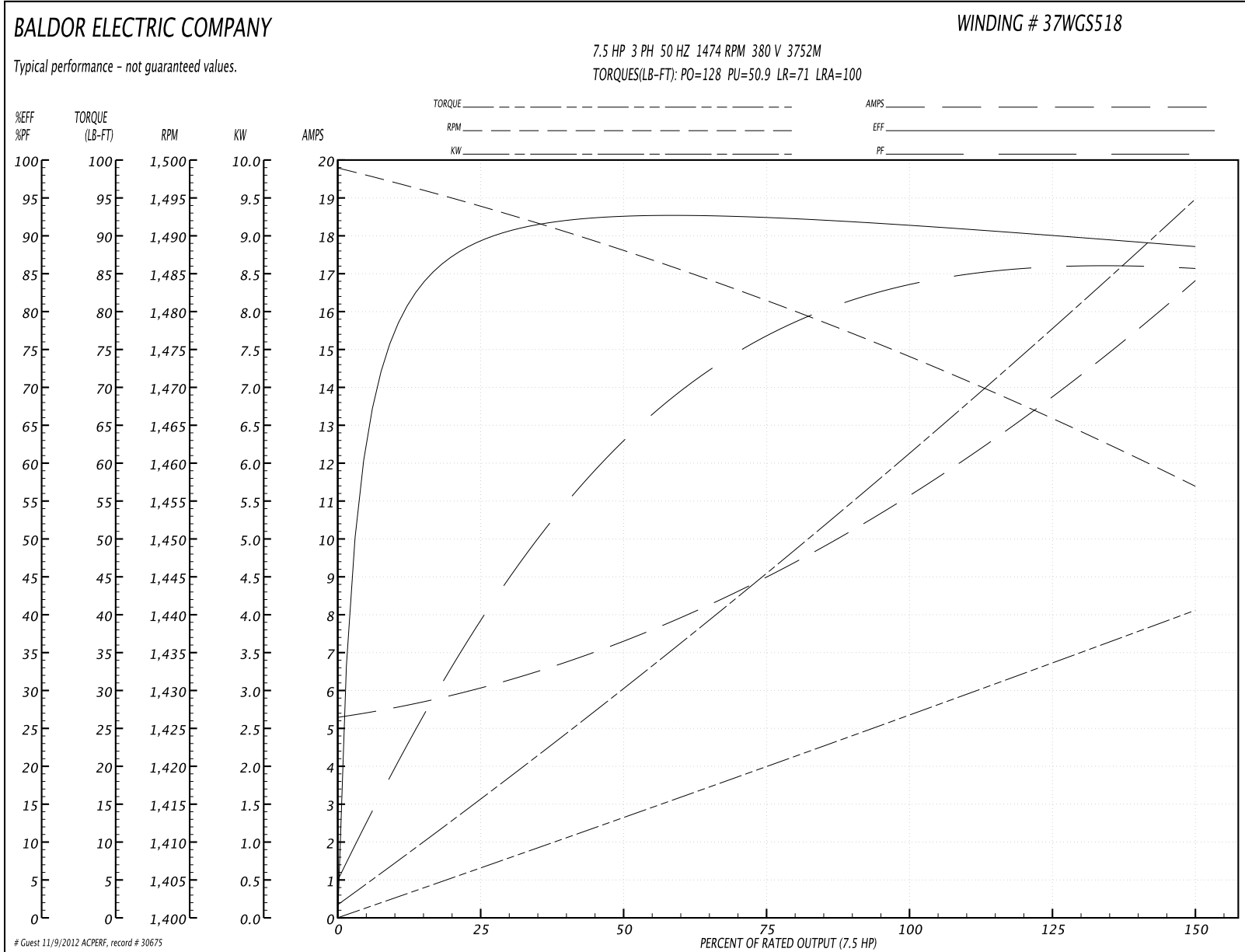
Performance Graph at 460V, 60Hz, 10.0HP Typical performance - Not guaranteed values

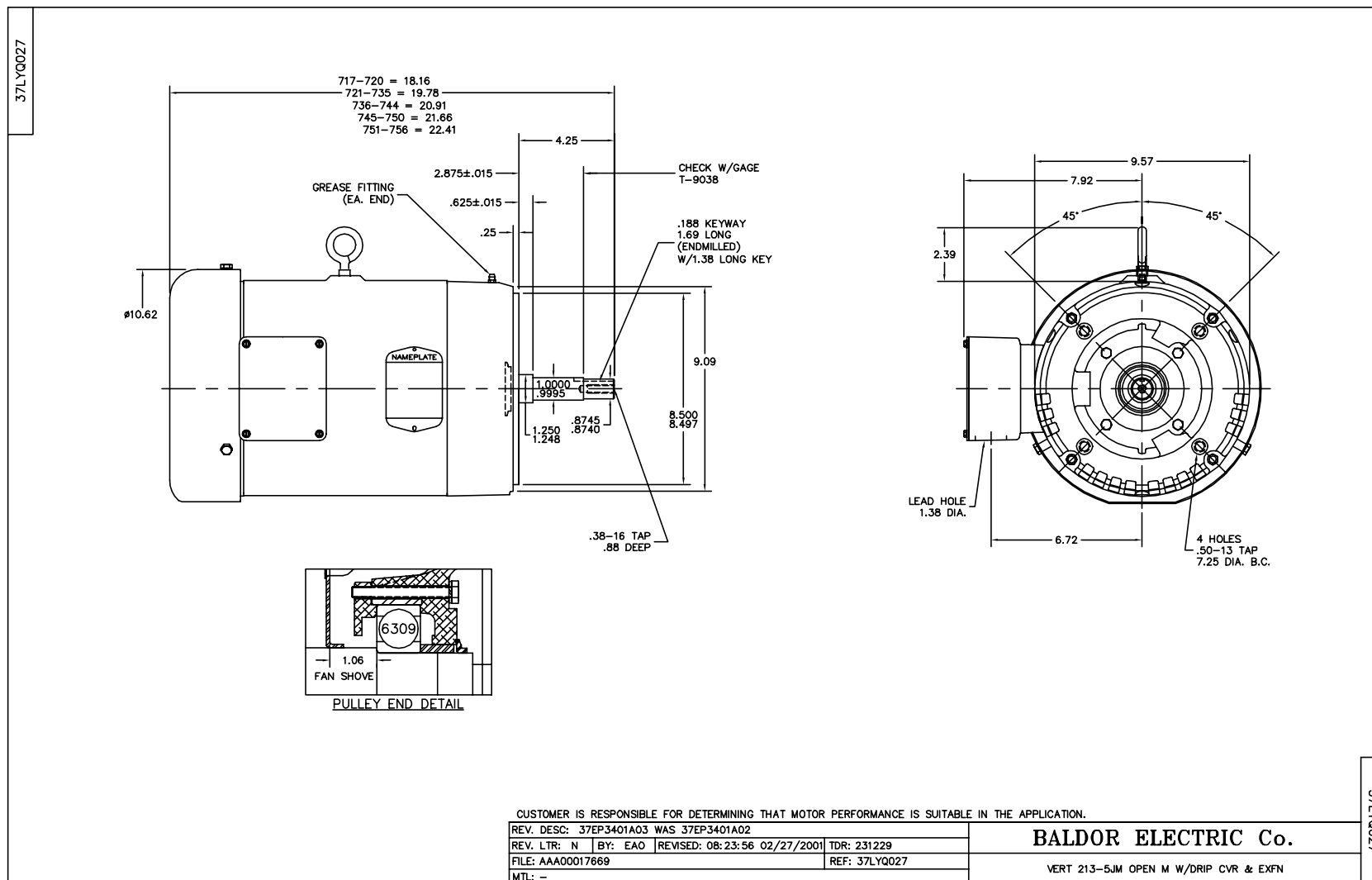


Performance Data at 380V, 50Hz, 7.5HP (Typical performance - Not guaranteed values)

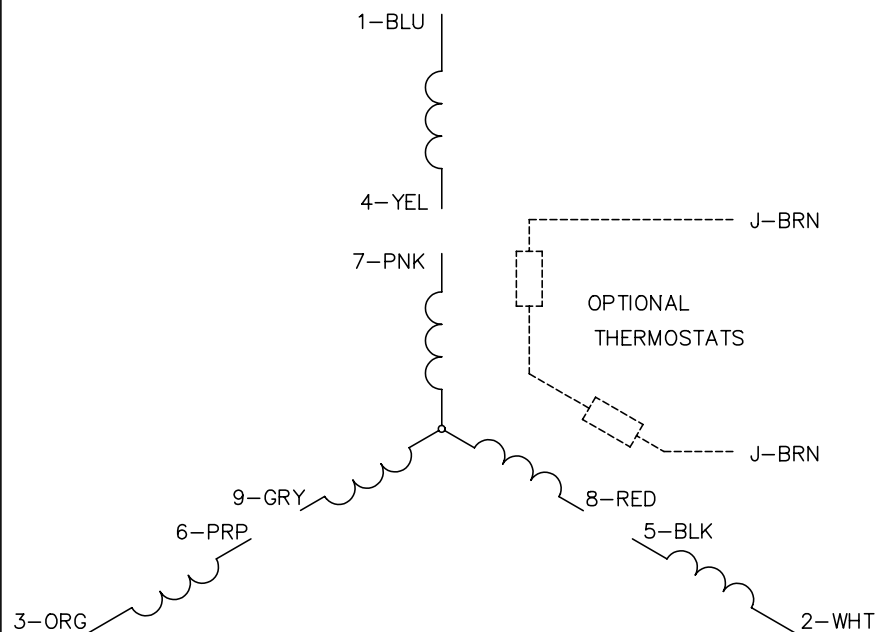
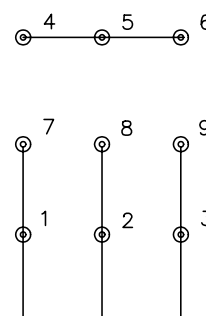
General Characteristics							
Full Load Torque:		26.6 LB-FT		Start Configuration:		DOL	
No-Load Current:		5.4 Amps		Break-Down Torque:		128.0 LB-FT	
Line-line Res. @ 25°C.:		0.912 Ohms A Ph / 0.0 Ohms B Ph		Pull-Up Torque:		50.9 LB-FT	
Temp. Rise @ Rated Load:		56 C		Locked-Rotor Torque:		71.0 LB-FT	
Temp. Rise @ S.F. Load:		68 C		Starting Current:		100.0 Amps	
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	40.0	63.0	77.0	84.0	83.0	87.0	83.0
Efficiency:	88.0	92.3	92.3	91.7	90.3	88.4	90.9
Speed:	1494.0	1488.0	1482.0	1474.0	1466.0	1457.0	1469.0
Line Amperes:	5.93	7.22	8.93	11.0	14.1	16.6	12.9

Performance Graph at 380V, 50Hz, 7.5HP Typical performance - Not guaranteed values

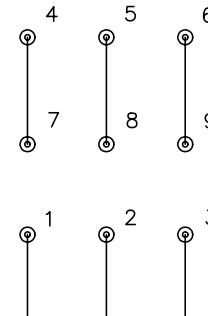




CD0005


 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