

BALDOR® • RELIANCE

Product Information Packet

ECP3663T

5HP,3505RPM,3PH,60HZ,184T,TEFC,FOOT,

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Part Detail									
Revision:	B	Status:	PRD/A	Change #:		Proprietary:	No		
Type:	AC	Prod. Type:	0632M	Elec. Spec:	06WGW730	CD Diagram:			
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	06H003	Layout:			
Frame:	184T	Mounting:	F1	Poles:	02	Created Date:	05-13-2010		
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	11-10-2011		
Leads:	9#16	Literature:		Elec. Diagram:		Replaced By:			
Nameplate NP1260E									
CAT.NO.	ECP3663T								
SPEC.	06H003W730G1								
HP	5								
VOLTS	230/460								
AMP	11.4/5.7								
RPM	3490								
FRAME	184T	HZ			60	PH	3		
SER.F.	1.15	CODE			M	DES	A	CL	F
NEMA-NOM-EFF	90.2	PF			90				
RATING	40C AMB-CONT								
CC	010A	USABLE AT 208V			12.5				
DE	6206	ODE			6205				
ENCL	TEFC	SN							

Parts List		
Part Number	Description	Quantity
SA198464	SA 06H003W730G1	1.000 EA
RA185831	RA 06H003W730G1	1.000 EA
34FN3002B02	EXTERNAL FAN, PLASTIC, .905/.907 HUB W/	1.000 EA
S/P107-000-001	SUPER E PROC'S-FS & WS PLTS-POLYREX EM G	1.000 EA
HW3201A05	3/8-16 EYEBOLT	1.000 EA
06CB1000A02G	CONDUIT BOX, MACH GRAY	1.000 EA
RM1016	LEAD SEPARATOR GASKET - 305/306 C.P.MOTO	1.000 EA
51XW2520A12	.25-20 X .75, TAPTITE II, HEX WSHR SLTD	2.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
HW3001B01	003SS CUP WASHER, FOR #8 SCREW	1.000 EA
WD1000B16	KPA-4C BURNDY TERMINAL	2.000 EA
10XN2520G06	1/4 20X3/8 HX HD CAP, GREEN	2.000 EA
36EP1101A65G	FR EP GREASER,.25-20 FAN CVR.HOLES,TEFC.	1.000 EA
HW4500A17	317400 ALEMITE GREASE RELIEF	1.000 EA
HA4001A01SP	DRAIN PLUG, PLASTIC (MICRO PLAS)	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
HA4051A00	PLASTIC CAP FOR GREASE FITTING	1.000 EA
HW5100A05	WVY WSHR F/205 & 304 BRGS	1.000 EA
36EP1100A29G	PU ENDPLATE MACH, GRAY	1.000 EA
HW4500A17	317400 ALEMITE GREASE RELIEF	1.000 EA
HA4001A01SP	DRAIN PLUG, PLASTIC (MICRO PLAS)	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
HA4051A00	PLASTIC CAP FOR GREASE FITTING	1.000 EA
HA3101A53	THRUBOLT 1/4-20 X 10.50	4.000 EA

Parts List (continued)		
Part Number	Description	Quantity
XY2520A12	1/4-20 HEX NUT, DIRECTIONAL SERRATIONS	4.000 EA
06FH1004A01G	FAN HOUSING MACH, W/GRAY EPOXY	1.000 EA
10XN2520A20	1/4-20X 1 1/4 HEX HD X	3.000 EA
WD4100A02	DP-1000 HEYCO PLUG OR 62MP1000 MICRO PL	1.000 EA
06CB1502A01G	LIPPED CONDUIT BOX LID, MACH GRAY EPOXY	1.000 EA
06GS1003	GASKET, KOBX LID, 1/8" THICK BLACK NEOPR	1.000 EA
10XN2520A12	O1/4-20X 3/4 HEX HEAD CAP	2.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	2.000 EA
HA1005A03SP	SLINGER, OD 1.750, ID .938, 205 BRG	1.000 EA
HW4600B36SP	V-RING SLINGER 1.188 X 1.690 X 0.240	1.000 EA
HW2501E16	3KEY, 1/4 SQ X 1.750	1.000 EA
HA7000A02	KEY RETAINER RING, 1 1/8 DIA, 1 3/8 DIA	1.000 EA
MJ5001A01	46-665 RED SEALER	0.001 QT
LB1115	LABEL,LIFTING DEVICE	1.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
LB1002	LABEL,MARINE DUTY (ON ROLLS)	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.050 LB
51XB1214A16	12-14X1.00 HXWSSLD SERTYB	1.000 EA
MG1025N19	PAINT, 778.50 WILKO, RELIANCE ELEC GREEN	0.028 GA
LB1119	WARNING LABEL	1.000 EA
LB1125C02	SUPER-E (STOCK CTN LABEL SUPER-E WITH FL	1.000 EA
LC0005	CONN.DIA.,TY M,9-LD,DUAL VOLT,REVERSING	1.000 EA
LB1357	ENERGY GUIDE LABEL (BOX LABEL)	1.000 SH
NP1260E	SS CP SUPER-E UL CSA CC	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
36PA1001	PACKAGING GROUP	1.000 EA

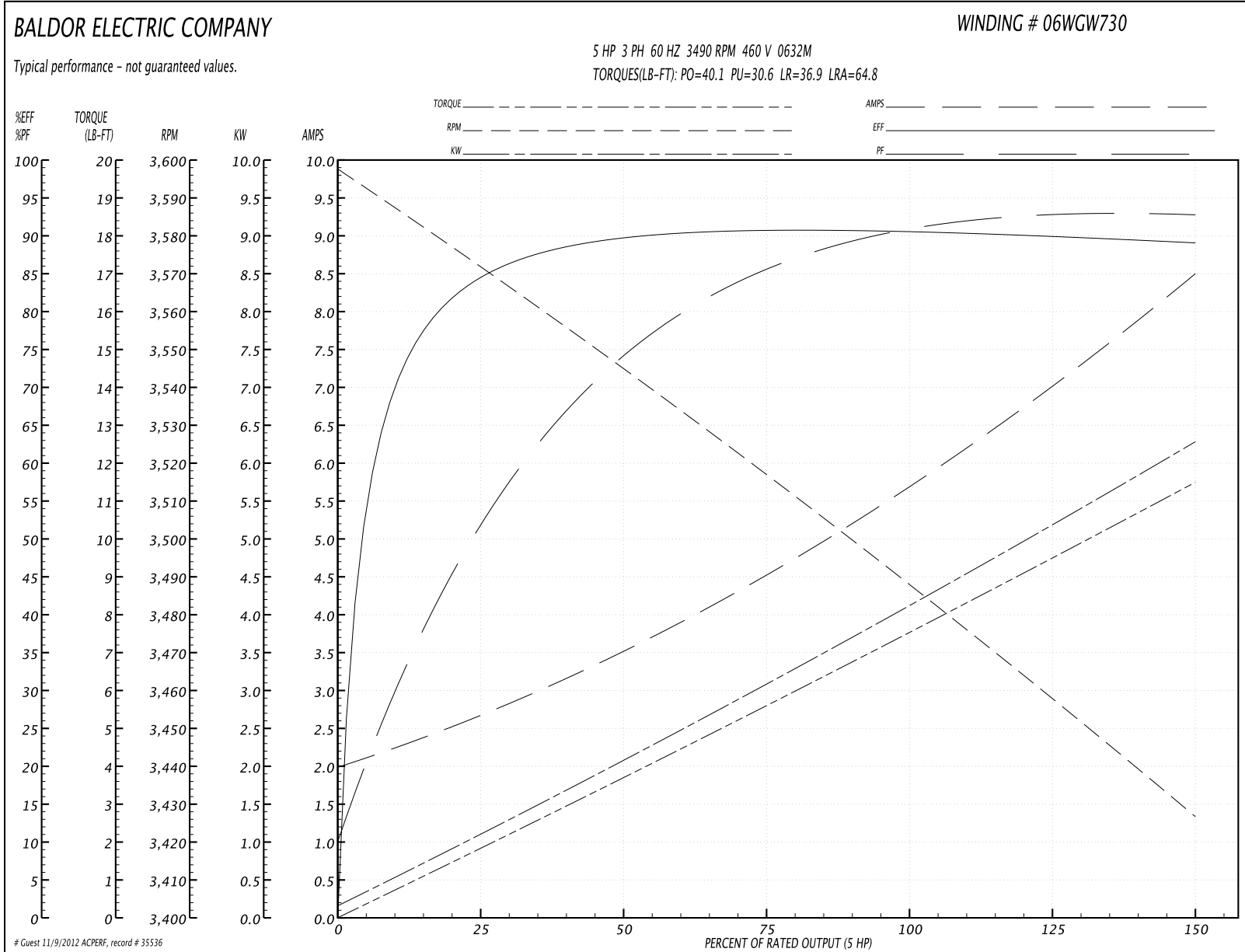
Performance Data at 460V, 60Hz, 5.0HP (Typical performance - Not guaranteed values)**General Characteristics**

Full Load Torque:	7.54 LB-FT	Start Configuration:	DOL
No-Load Current:	2.08 Amps	Break-Down Torque:	40.1 LB-FT
Line-line Res. @ 25°C.:	1.93 Ohms A Ph / 0.0 Ohms B Ph	Pull-Up Torque:	30.6 LB-FT
Temp. Rise @ Rated Load:	51 C	Locked-Rotor Torque:	36.9 LB-FT
Temp. Rise @ S.F. Load:	62 C	Starting Current:	64.8 Amps

Load Characteristics

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	55.0	76.0	85.0	90.0	93.0	93.0	92.0
Efficiency:	84.5	89.4	90.8	90.6	90.0	89.0	90.2
Speed:	3570.0	3544.0	3517.0	3489.0	3458.0	3426.0	3470.0
Line Amperes:	2.54	3.47	4.6	5.76	7.03	8.46	6.52

Performance Graph at 460V, 60Hz, 5.0HP Typical performance - Not guaranteed values



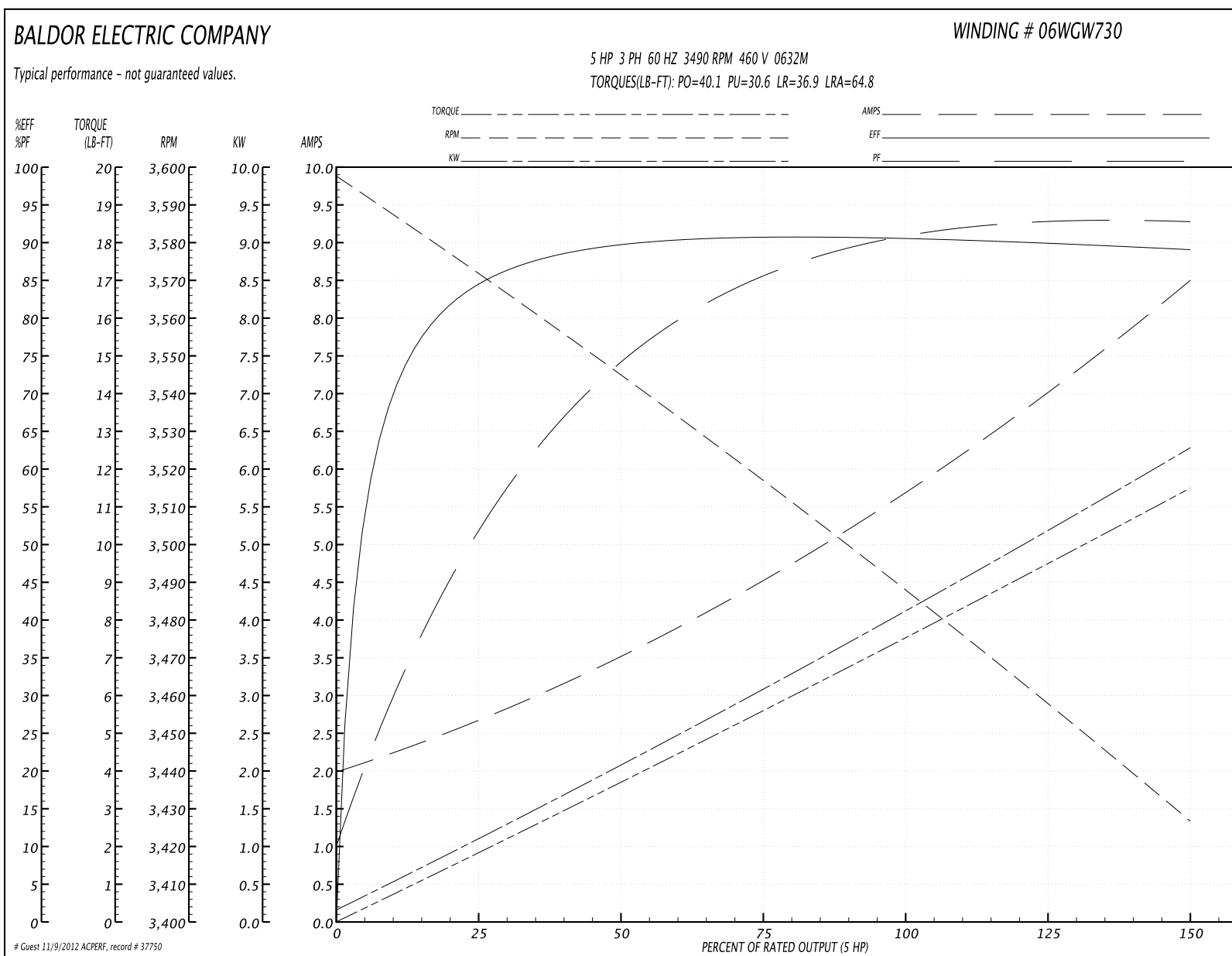
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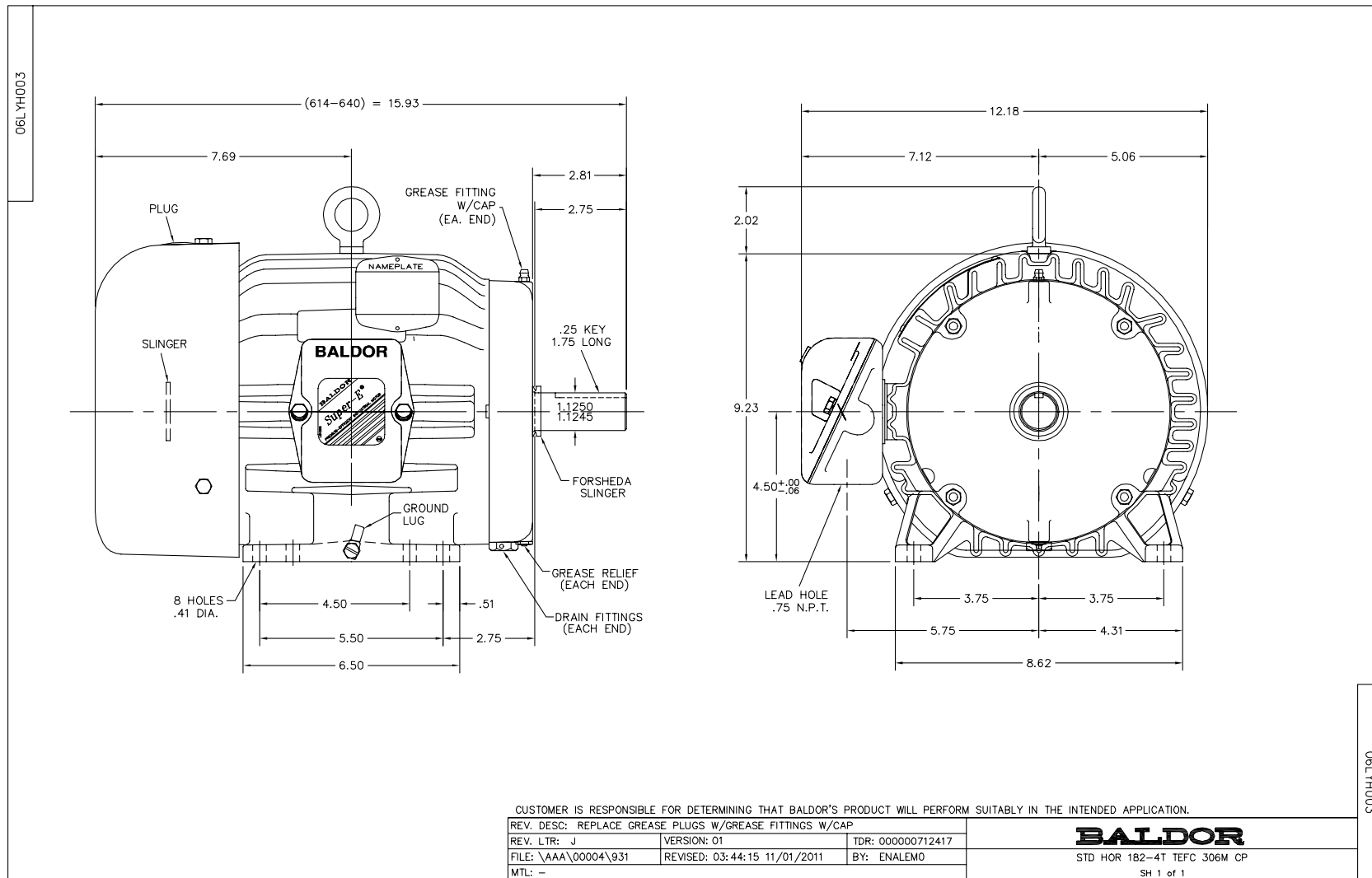
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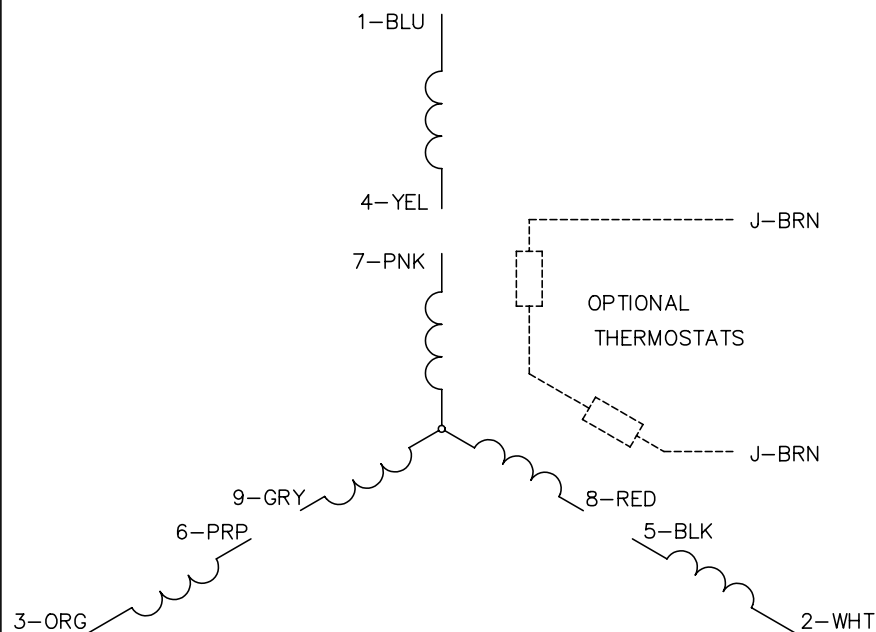
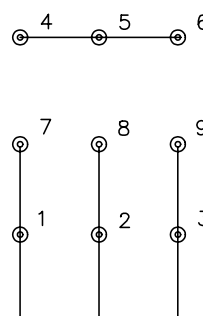
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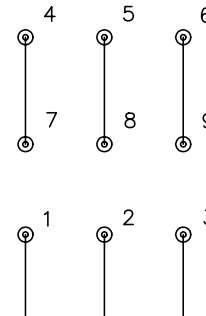




CD0005


 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

9000D0

FILE: AAA00005140

MDL: -

MTL: -

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS

CD0005