

BALDOR® • RELIANCE

Product Information Packet

ELECTRIC MOTOR WHOLESAL.COM

PCL1322M

2HP, 1725RPM, 1PH, 60HZ, 56C, 3532LC, OPEN, F1

Part Detail							
Revision:	AS	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3532LC	Elec. Spec:	35WGY690	CD Diagram:	
Enclosure:	OPEN	Mfg Plant:		Mech. Spec:	35K267	Layout:	
Frame:	56C	Mounting:	F1	Poles:	04	Created Date:	
Base:	RG	Rotation:	R	Insulation:	B	Eff. Date:	01-10-2012
Leads:	4#16 A&J,2#18 B PH	Literature:	TH	Elec. Diagram:		Replaced By:	

Nameplate NP1257L									
CAT.NO.	PCL1322M								
SPEC.	35K267Y690								
HP	2								
VOLTS	115/230								
AMP	18.4/9.2								
RPM	1725								
FRAME	56C	HZ	60	PH	1				
SER.F.	1.15	CODE	J	DES	L	CL	B		
NEMA-NOM-EFF	78.5	PF	89						
RATING	40C AMB-CONT								
CC	USABLE AT 208V								
DE	6205	ODE	6203						
ENCL	OPEN	SN							

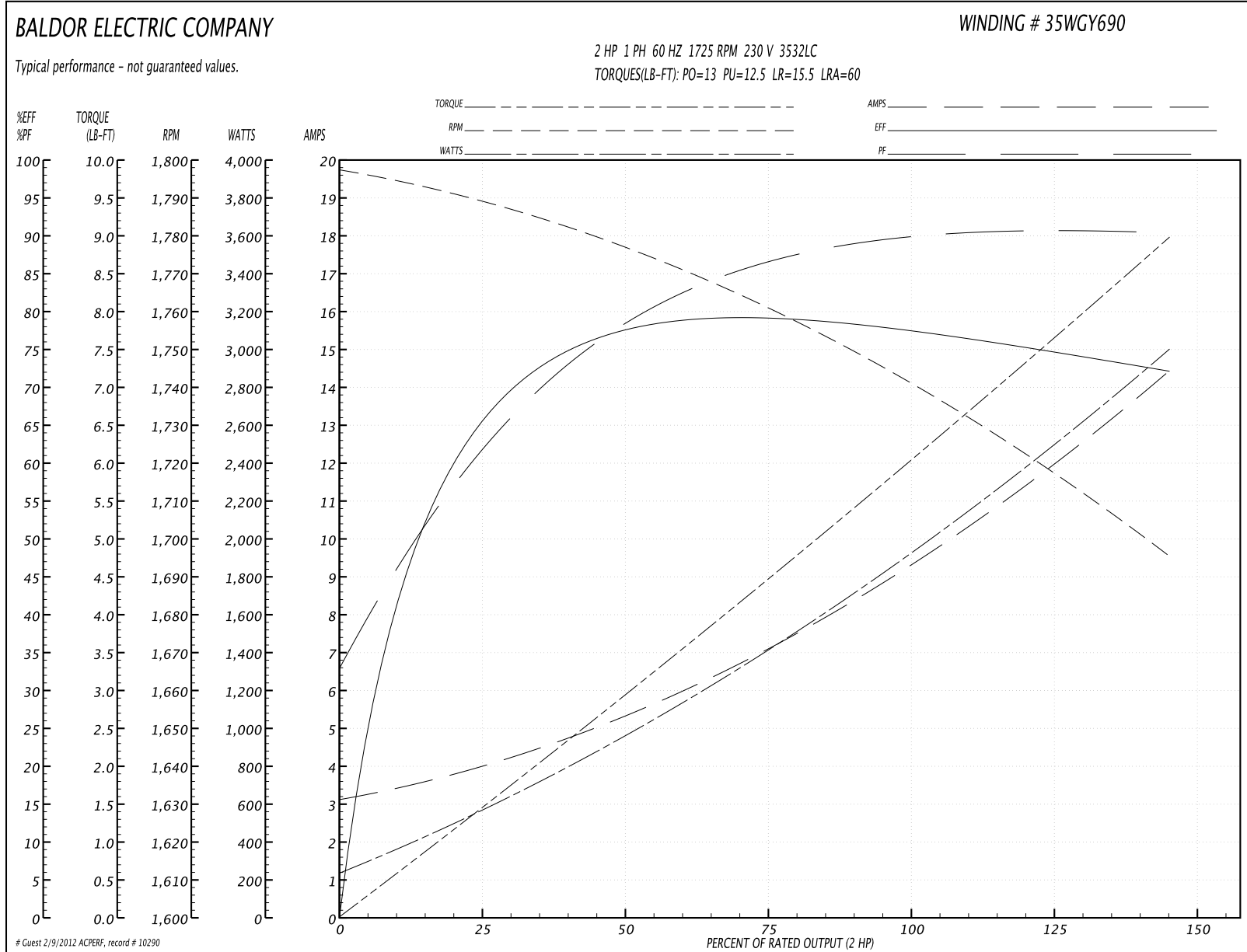
Parts List		
Part Number	Description	Quantity
SA024242	SA 35K267Y690	1.000 EA
RA020292	RA 35K267Y690	1.000 EA
OC3060C09	CYL OIL CAP 60MFD/240V	1.000 EA
TPCRT33CB	THERMAL 1PH 1.00 MAN 120C	1.000 EA
EC1645A06SP	ELEC CAP, 645-774 MFD, 125V, 2.06D X 4.	1.000 EA
WD3006A01	RSS-2-103JT 2W 10K RES. METAL OXIDE 5%	1.000 EA
TP5059	GENERIC THERMAL KIT	1.000 EA
NS2512A01	INSULATOR, CONDUIT BOX X	1.000 EA
35CB3007A17	35 CB .88 DIA @ 6:00, 1.00 MTO @ 3:00	1.000 EA
36GS1000SP	GASKET-CONDUIT BOX, .06 THICK #SV-330 LE	1.000 EA
51XB1016A07	10-16 X 7/16 HXWSSLD SERTYB	2.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
HA6015A02	THERMAL RETAINER (PLATED)	1.000 EA
51XB1214A10	12-14 X 5/8HX WS SL SR TYBX	2.000 EA
35EP3201A03	STD FR EP OPEN-203BRG-35L OR M FRAME--LE	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	2.000 EA
35CB3801SP	CAPACITOR COVER, CAST	1.000 EA
HA7010	CAPACITOR RETENTION CLAMP	1.000 EA
NS2501A02	INSULATOR, CAPACITOR BOX	1.000 EA
51XB1016A08	10-16X 1/2HXWSSLD SERTYB	2.000 EA
NS2500A02	INSULATOR, MAN THER PROT	1.000 EA
HW5100A03SP	WAVY WASHER (W1543-017)	1.000 EA
35EP3400A13	STD FACE MTD END PLATE OPEN NEMA 56C 05	1.000 EA
35AD2000	AIR BAFFLE	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
60XW0632A06	6-32 X 3/8 TORX HEAD SCREW TAPTITE II	4.000 EA
51XN1032A20	10-32 X 1 1/4 HX WS SL SR	2.000 EA
35CB4521GX	CONDUIT BOX LID KIT	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
HA7000A04	KEY RETAINER 0.625 DIA SHAFTS	1.000 EA
10XF0440S02	04-40 X 1/8 TYPE F HEX HD STAINLESS STIC	2.000 EA
LB1087	LABEL,MANUAL RESET (ROLL LABEL)	1.000 EA
SP1006A01	TERM. BOARD, MODE 35 SW X H-23655	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.050 LB
MG1000G27	PAINT- S9282E CHARCOAL GREY	0.017 GA
SP5181A01	MODEL 35 LC TORQ STAT SWITCH LEAD ASSY	1.000 EA
WD1000A15	3-520132-2 AMP FLAG (4M/RL NON-CANC/NON-	4.000 EA
HA3100A18	THRUBOLT 10-32 X 9.250	4.000 EA
LB1119	WARNING LABEL	1.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA
LC0269	1PH,DV,REV,THERMAL,7 LD,L.AMP THRU HTR H	1.000 EA
NP1257L	ALUM, UL CSA CC, W/THERMAL, LASER	1.000 EA
35PA1066	PACKING GROUP COMBINED PRINT	1.000 EA

Performance Data at 230V, 60Hz, 2.0HP (Typical performance - Not guaranteed values)

General Characteristics							
Full Load Torque:	6.0 LB-FT			Start Configuration:	DOL		
No-Load Current:	3.0 Amps			Break-Down Torque:	13.0 LB-FT		
Line-line Res. @ 25°C.:	1.62 Ohms A Ph / 1.597 Ohms B Ph			Pull-Up Torque:	12.5 LB-FT		
Temp. Rise @ Rated Load:	47 C			Locked-Rotor Torque:	15.5 LB-FT		
Temp. Rise @ S.F. Load:	62 C			Starting Current:	60.0 Amps		
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	60.0	83.0	87.0	90.0	92.0	90.0	91.0
Efficiency:	67.0	74.9	78.7	79.0	75.2	71.7	76.7
Speed:	1789.0	1775.0	1760.0	1743.0	1721.0	1694.0	1730.0
Line Amperes:	4.1	5.6	7.1	9.1	11.6	14.6	10.6

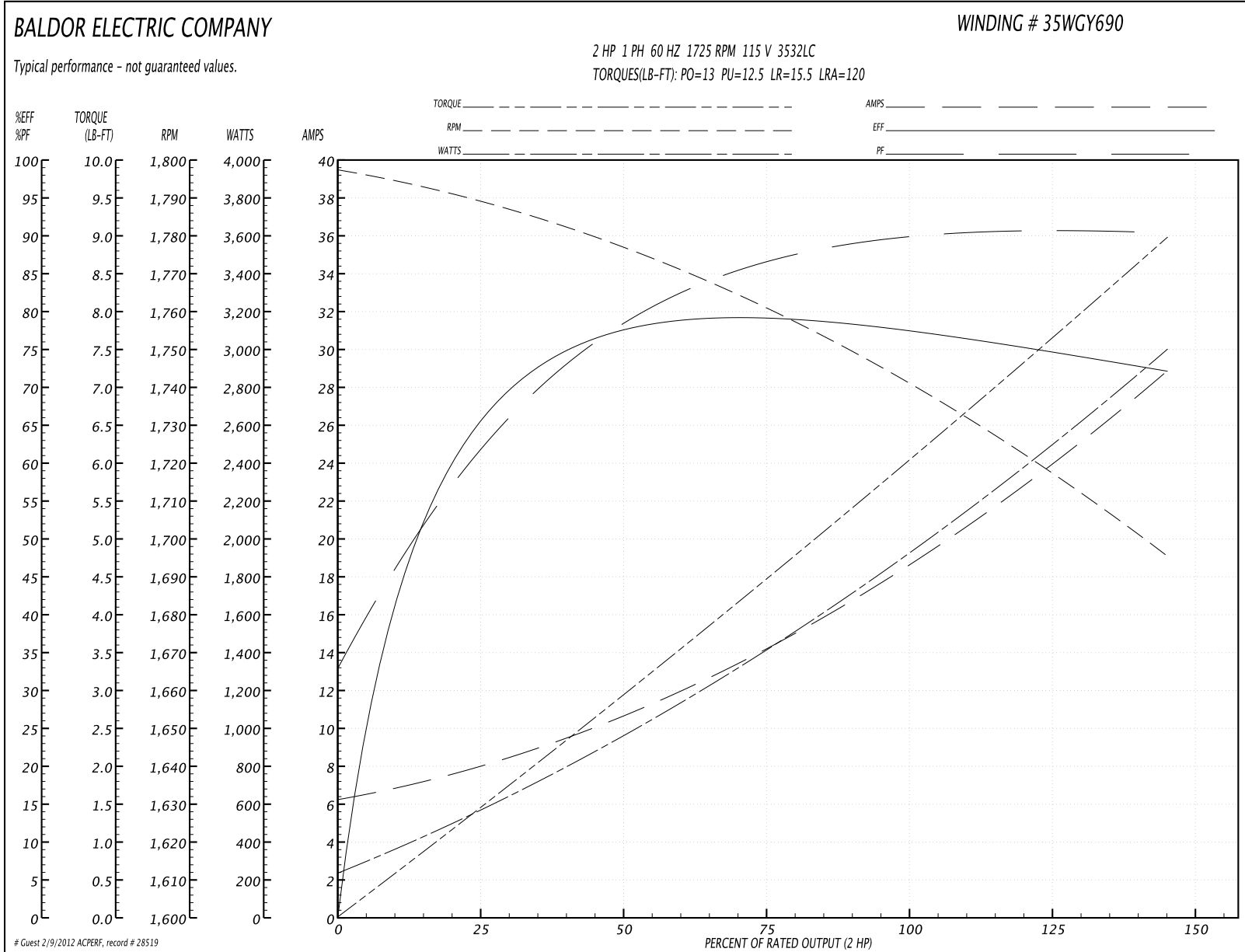
Performance Graph at 230V, 60Hz, 2.0HP Typical performance - Not guaranteed values



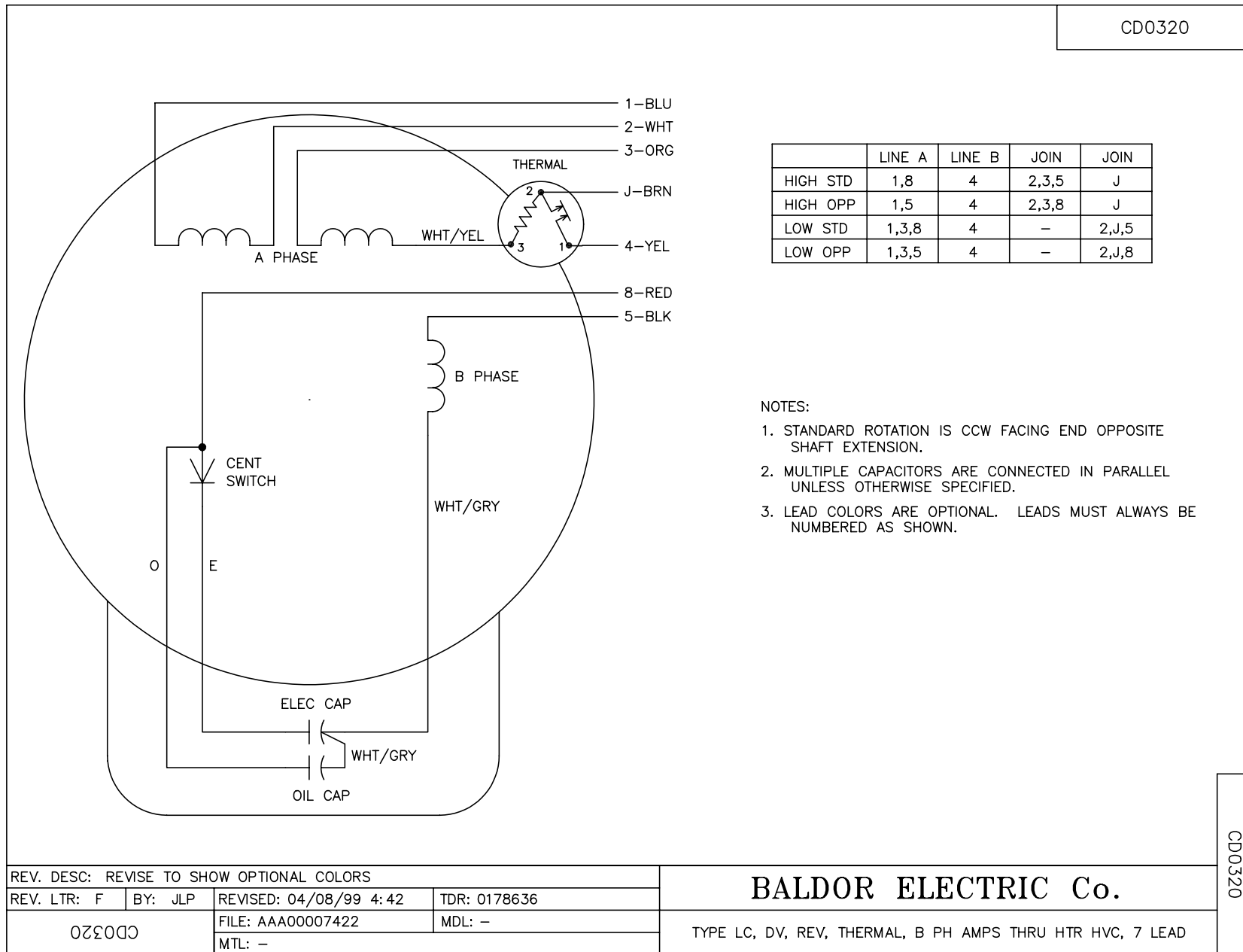
Performance Data at 115V, 60Hz, 2.0HP (Typical performance - Not guaranteed values)

General Characteristics							
Full Load Torque:	6.0 LB-FT			Start Configuration:	DOL		
No-Load Current:	6.0 Amps			Break-Down Torque:	13.0 LB-FT		
Line-line Res. @ 25°C.:	0.355 Ohms A Ph / 1.22 Ohms B Ph			Pull-Up Torque:	12.5 LB-FT		
Temp. Rise @ Rated Load:	47 C			Locked-Rotor Torque:	15.5 LB-FT		
Temp. Rise @ S.F. Load:	62 C			Starting Current:	120.0 Amps		
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	60.0	78.0	88.0	90.0	91.0	90.0	91.0
Efficiency:	67.0	74.9	78.7	79.0	75.2	71.7	76.7
Speed:	1789.0	1775.0	1760.0	1743.0	1721.0	1694.0	1730.0
Line Amperes:	8.2	11.2	14.2	18.2	23.2	29.2	21.2

Performance Graph at 115V, 60Hz, 2.0HP Typical performance - Not guaranteed values



CD0320



	LINE A	LINE B	JOIN	JOIN
HIGH STD	1,8	4	2,3,5	J
HIGH OPP	1,5	4	2,3,8	J
LOW STD	1,3,8	4	-	2,J,5
LOW OPP	1,3,5	4	-	2,J,8

NOTES:

1. STANDARD ROTATION IS CCW FACING END OPPOSITE SHAFT EXTENSION.
2. MULTIPLE CAPACITORS ARE CONNECTED IN PARALLEL UNLESS OTHERWISE SPECIFIED.
3. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

REV. DESC: REVISE TO SHOW OPTIONAL COLORS			
REV. LTR: F	BY: JLP	REVISED: 04/08/99 4:42	TDR: 0178636
0320		FILE: AAA00007422	MDL: -
		MTL: -	

BALDOR ELECTRIC Co.

TYPE LC, DV, REV, THERMAL, B PH AMPS THRU HTR HVC, 7 LEAD

CD0320