

# **BALDOR® • RELIANCE**

## **Product Information Packet**

# **CJL1317A**

**2HP,3450RPM,1PH,60HZ,56J,3528L,OPEN,F1**

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Part Detail							
Revision:	S	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3528L	Elec. Spec:	35WGW183	CD Diagram:	
Enclosure:	OPEN	Mfg Plant:		Mech. Spec:	35T951	Layout:	
Frame:	56J	Mounting:	F1	Poles:	02	Created Date:	06-22-2007
Base:	RG	Rotation:	FOS	Insulation:	B	Eff. Date:	07-18-2012
Leads:	4#14 A&J,1#18 B PH,1#1	Literature:		Elec. Diagram:		Replaced By:	

Nameplate NP1257L							
CAT.NO.	CJL1317A						
SPEC.	35T951W183G1						
HP	2						
VOLTS	115/230						
AMP	26/13						
RPM	3450						
FRAME	56J	HZ	60	PH	1		
SER.F.	1.20	CODE	G	DES	L	CL	B
NEMA-NOM-EFF	70	PF	69				
RATING	40C AMB-CONT						
CC		USABLE AT 208V	13				
DE	6205	ODE	6203				
ENCL	OPEN	SN					
	SFA 27.6/13.8						

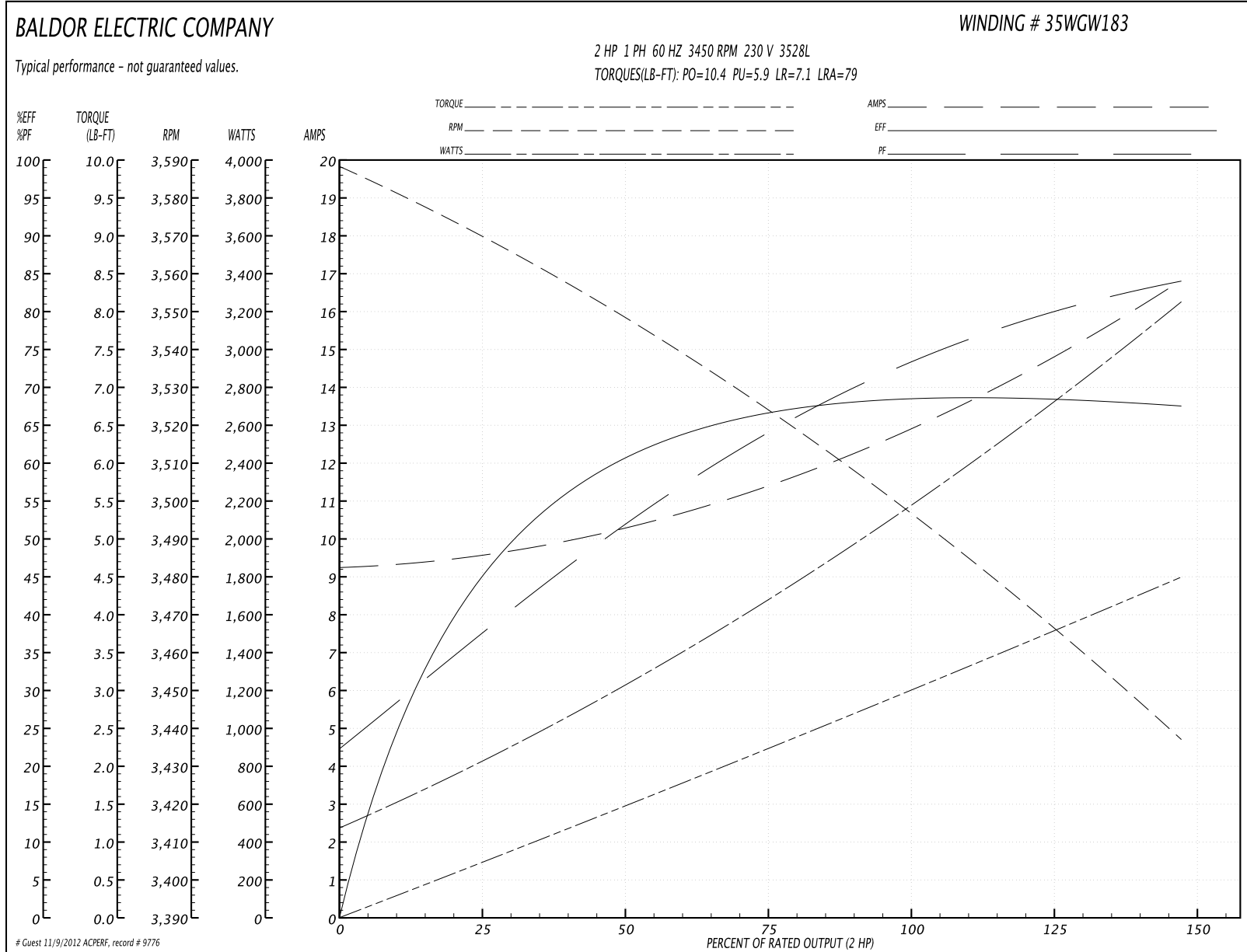
Parts List		
Part Number	Description	Quantity
SA111037	SA 35T951W183G1	1.000 EA
RA102416	RA 35T951W183G1	1.000 EA
EC1645A06SP	ELEC CAP, 645-774 MFD, 125V, 2.06D X 4.	1.000 EA
WD3006A01	RSS-2-103JT 2W 10K RES. METAL OXIDE 5%	1.000 EA
TP5059	GENERIC THERMAL KIT	1.000 EA
RM1001A01	GROMMET (MIDSTATES#541000)	1.000 EA
11XT0832G06	8-32 X 3/8 TY 23 TAPPING	1.000 EA
35EP3202A02SP	FR ENDPLATE, MACH	1.000 EA
SP1033A01	INSULATOR MODEL 35 TERM PANEL	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	2.000 EA
NS2501A01	INSULATOR, CAPACITOR	1.000 EA
51XB1016A05	10-16X5/16HX WA SL SR TYB (F/S)	2.000 EA
HW5100A03SP	WAVY WASHER (W1543-017)	1.000 EA
35EP3400A02	PU ENDPLATE, MACH	1.000 EA
35AD2000	AIR BAFFLE	1.000 EA
15XF0632A06	6-32 X 3/8 PHILL PAN HD TYPE F	4.000 EA
51XN1032A20	10-32 X 1 1/4 HX WS SL SR	2.000 EA
35FH4500A02	DRIP COVER, STAMPED (W/ AUTOPHERETIC PRI	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	2.000 EA
35CB4500SP	TERMINAL BOX LID STAMPED	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 EA
LB1009	LABEL,ROTATION DIRECTION (ON ROLLS)	1.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
WD1000A15	3-520132-2 AMP FLAG (4M/RL NON-CANC/NON-	2.000 EA

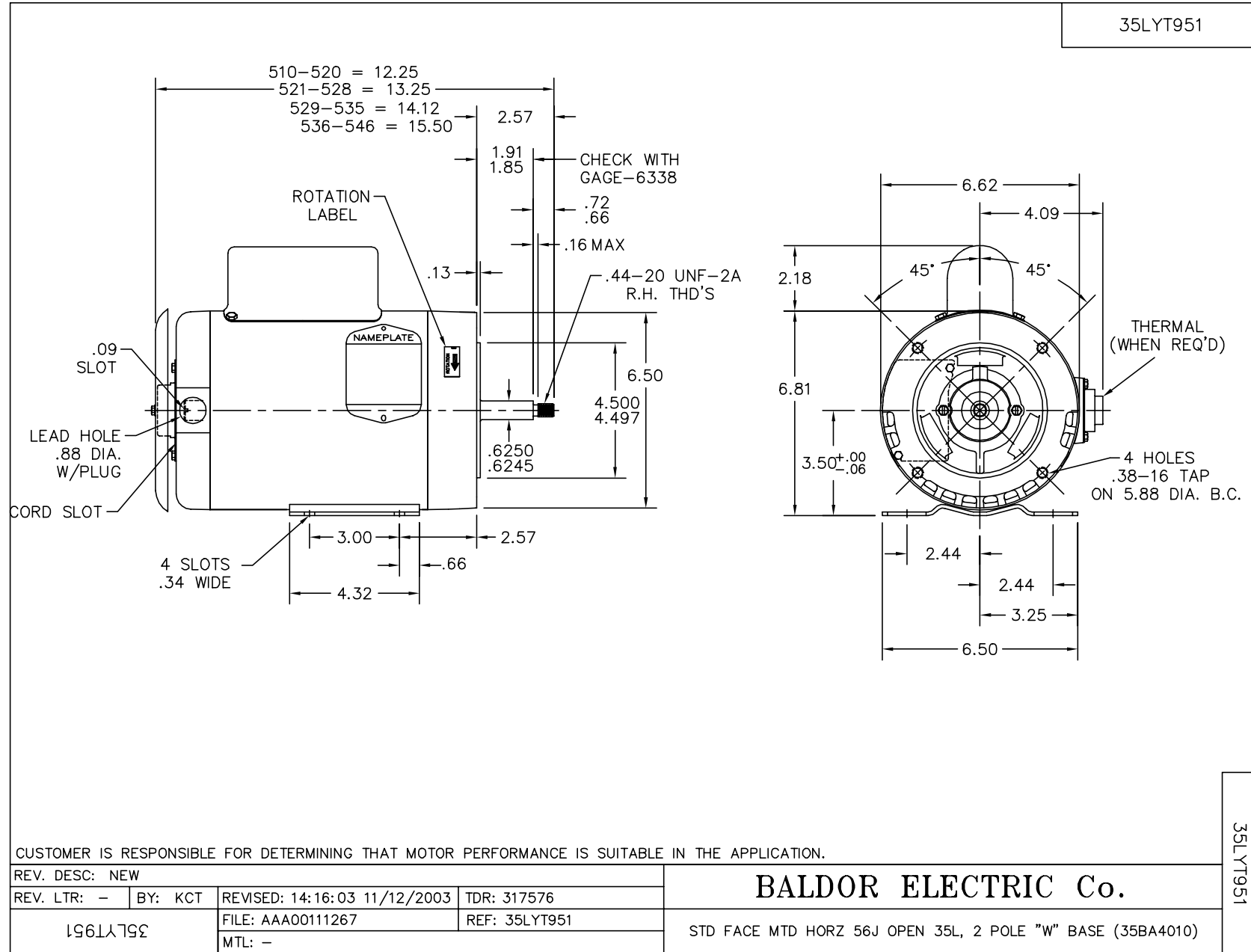
Parts List (continued)		
Part Number	Description	Quantity
MJ1000A75	GREASE, POLYREX EM EXXON	0.050 LB
MG1000G27	PAINT- S9282E CHARCOAL GREY	0.017 GA
HA3100A15	THRUBOLT 10-32 X 8.375	4.000 EA
35CB4802A02SP	CAPACITOR COVER, STAMPED X W/AUTOPHORET	1.000 EA
35CB4802A02SP	CAPACITOR COVER, STAMPED X W/AUTOPHORET	1.000 EA
SP5066A01	MODEL 35 TERMINAL PANEL SWITCH WITH LEAD	1.000 EA
LB1118	LABEL,WARNING (ROLL LABEL)	1.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA
LC0307	CONNECTION LABEL NAMEPLA. X	1.000 EA
NP1257L	ALUM UL CSA CC THERMAL REV MTG	1.000 EA
35PA1066	PACKING GROUP COMBINED PRINT	1.000 EA

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

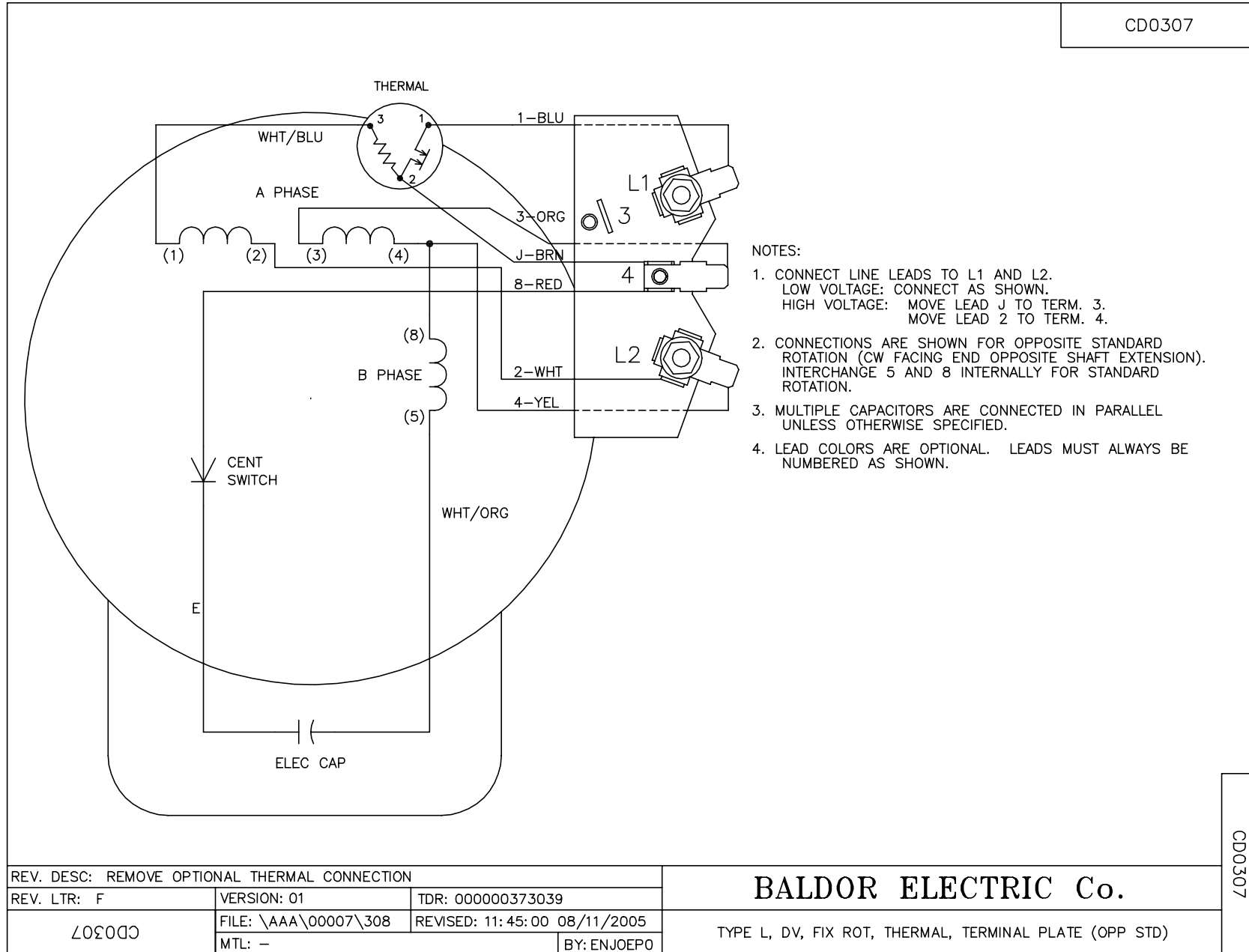
General Characteristics							
Full Load Torque:	3.0 LB-FT			Start Configuration:	DOL		
No-Load Current:	9.3 Amps			Break-Down Torque:	10.4 LB-FT		
Line-line Res. @ 25°C.:	0.842 Ohms A Ph / 0.843 Ohms B Ph			Pull-Up Torque:	5.9 LB-FT		
Temp. Rise @ Rated Load:	77 C			Locked-Rotor Torque:	7.1 LB-FT		
Temp. Rise @ S.F. Load:	87 C			Starting Current:	79.0 Amps		
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	38.0	53.0	65.0	71.0	80.0	84.0	78.0
Efficiency:	46.0	60.0	66.0	70.0	68.0	67.5	68.4
Speed:	3569.0	3547.0	3523.0	3498.0	3469.0	3436.0	3475.0
Line Amperes:	9.5	10.3	11.4	13.0	14.7	16.8	13.8

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





CD0307



CD0307

REV. DESC: REMOVE OPTIONAL THERMAL CONNECTION		
REV. LTR: F	VERSION: 01	TDR: 000000373039
CD0307	FILE: \AAA\00007\308	REVISED: 11: 45: 00 08/11/2005
	MTL: -	BY: ENJOEPO

**BALDOR ELECTRIC Co.**

TYPE L, DV, FIX ROT, THERMAL, TERMINAL PLATE (OPP STD)