

BALDOR® • RELIANCE

Product Information Packet

CJL1307A

.75HP, 1725RPM, 1PH, 60HZ, 56J, 3520L, OPEN, F1

Copyright © All product information within this document is subject to Baldor Electric Company copyright © protection, unless otherwise noted.

Part Detail							
Revision:	Z	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3520L	Elec. Spec:	35WG0519	CD Diagram:	
Enclosure:	OPEN	Mfg Plant:		Mech. Spec:	35G790	Layout:	
Frame:	56J	Mounting:	F1	Poles:	04	Created Date:	
Base:	RG	Rotation:	FOS	Insulation:	B	Eff. Date:	11-30-2011
Leads:	5#18,1#14 #1TH	Literature:		Elec. Diagram:		Replaced By:	

Nameplate NP1257L

CAT.NO.	CJL1307A						
SPEC.	35G790-519						
HP	.75						
VOLTS	115/230						
AMP	10.8/5.4						
RPM	1725						
FRAME	56J	HZ	60	PH	1		
SER.F.	1.25	CODE	L	DES	N	CL	B
NEMA-NOM-EFF	63	PF	64				
RATING	40C AMB-CONT						
CC	USABLE AT 208V						
DE	6205	ODE	6203				
ENCL	OPEN	SN					
	SFA 12.4/6.2						

Parts List		
Part Number	Description	Quantity
SA025198	SA 35G790-519	1.000 EA
RA021248	RA 35G790-519	1.000 EA
EC1645A06SP	ELEC CAP, 645-774 MFD, 125V, 2.06D X 4.	1.000 EA
RM1001A01	GROMMET (MIDSTATES#541000)	1.000 EA
53XT0832G07	8-32X7/16 PN STD SR TY23G X	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
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
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
MJ1000A75	GREASE, POLYREX EM EXXON	0.050 LB
MG1000G27	PAINT- S9282E CHARCOAL GREY	0.017 GA
HA3100A12	THRUBOLT 10-32 X 7.375	4.000 EA

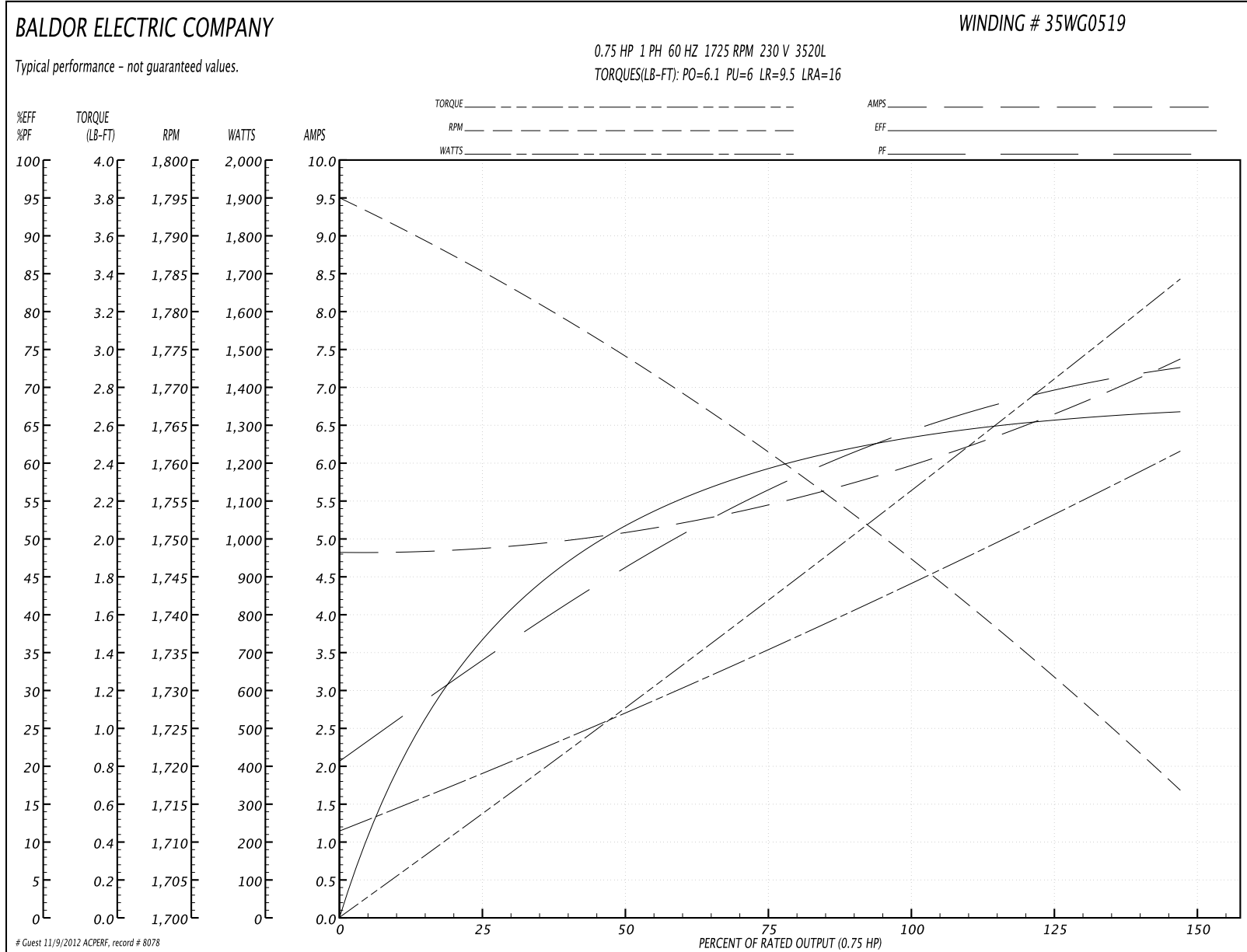
Parts List (continued)		
Part Number	Description	Quantity
WD1000A15	3-520132-2 AMP FLAG (4M/RL NON-CANC/NON-	2.000 EA
35CB4802A02SP	CAPACITOR COVER, STAMPED X W/AUTOPHORET	1.000 EA
SP5066A01	MODEL 35 TERMINAL PANEL SWITCH WITH LEAD	1.000 EA
LB1118	LABEL,WARNING (ROLL LABEL)	1.000 EA
LB1125C01	STD (STOCK) 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

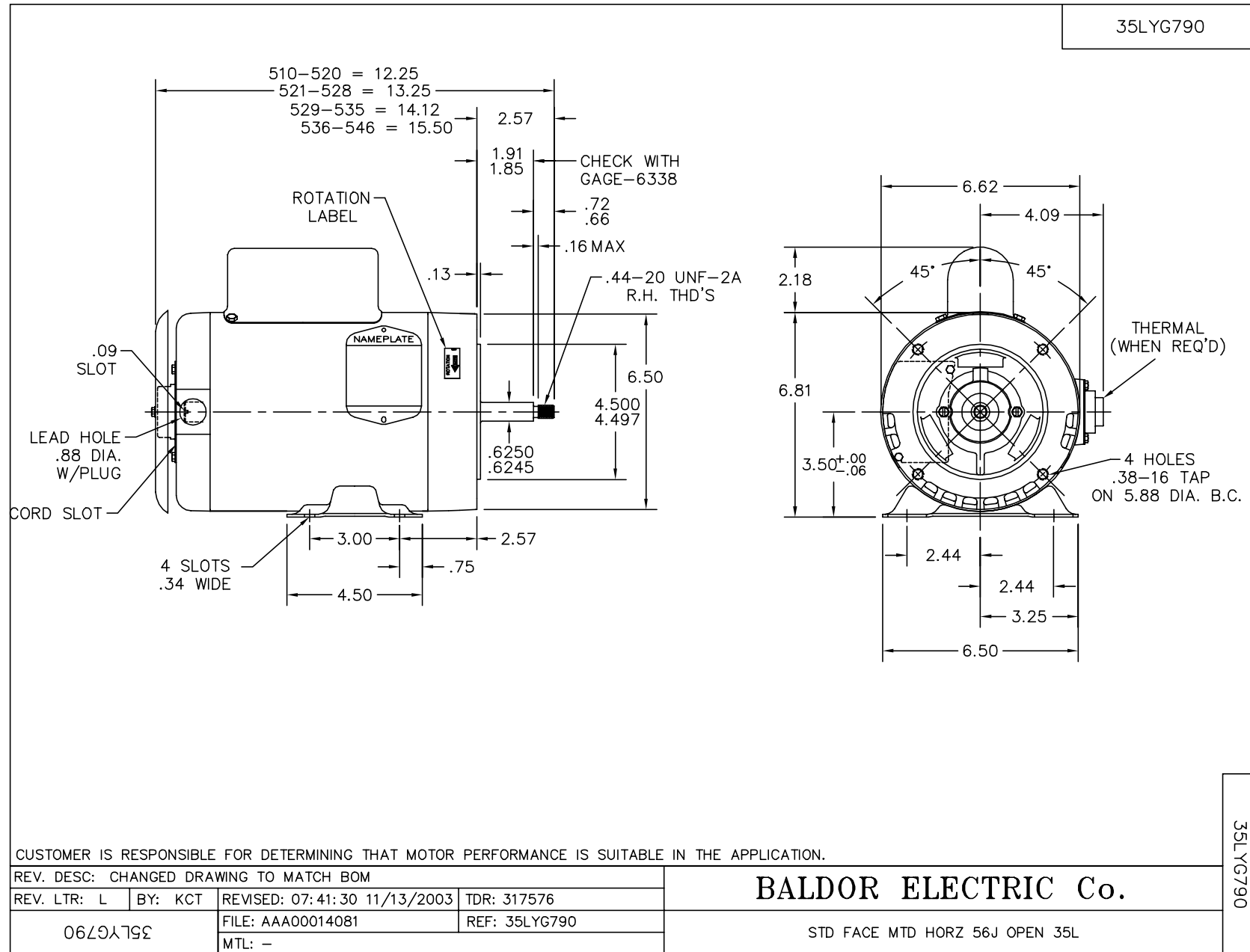
Performance Data at 230V, 60Hz, 0.75HP (Typical performance - Not guaranteed values)

General Characteristics			
Full Load Torque:	2.25 LB-FT	Start Configuration:	DOL
No-Load Current:	4.8 Amps	Break-Down Torque:	6.1 LB-FT
Line-line Res. @ 25°C.:	3.09 Ohms A Ph / 1.9 Ohms B Ph	Pull-Up Torque:	6.0 LB-FT
Temp. Rise @ Rated Load:	46 C	Locked-Rotor Torque:	9.5 LB-FT
Temp. Rise @ S.F. Load:	53 C	Starting Current:	16.0 Amps

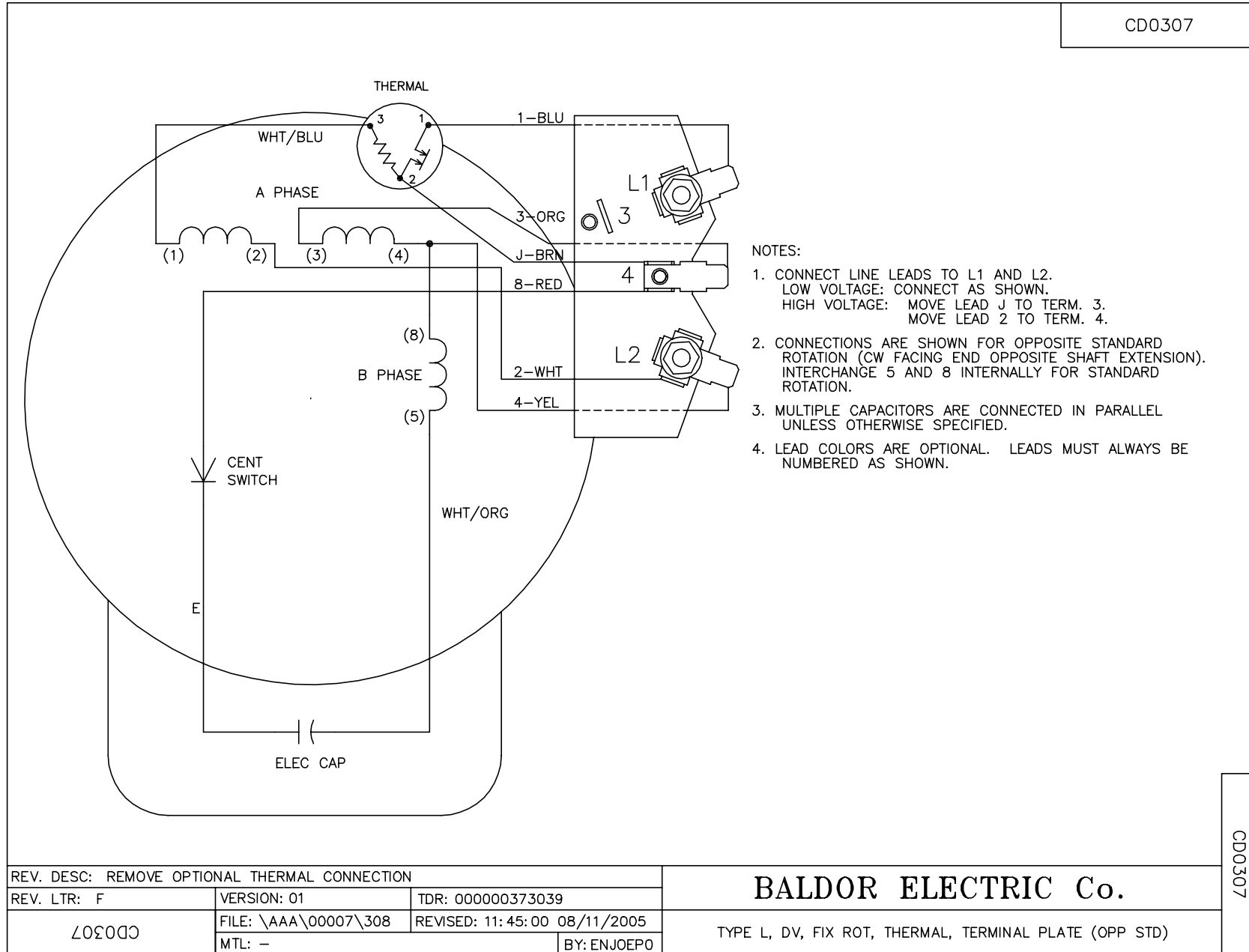
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	33.0	45.0	55.0	64.0	70.0	75.0	70.0
Efficiency:	36.0	52.0	59.0	64.0	66.0	66.4	66.0
Speed:	1784.0	1773.0	1761.0	1749.0	1733.0	1716.0	1733.0
Line Amperes:	4.9	5.1	5.5	5.9	6.6	7.4	6.6

Performance Graph at 230V, 60Hz, 0.75HP 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)