

BALDOR® • ***RELIANCE***

Product Information Packet

CHC3413A

.25HP, 1700RPM, 1PH, 60HZ, 48Z, 3414C, TEAO, F1

Part Detail							
Revision:	Y	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3414C	Elec. Spec:	34WG5632	CD Diagram:	CD0381
Enclosure:	TEAO	Mfg Plant:		Mech. Spec:	34K052	Layout:	34LYK052
Frame:	48Z	Mounting:	F1	Poles:	04	Created Date:	
Base:	RS	Rotation:	R	Insulation:	B	Eff. Date:	09-23-2016
Leads:	7#18					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1280L									
CAT.NO.	CHC3413A								
SPEC.	34K52-5632								
HP	.25								
VOLTS	115/230								
AMP	4.8/2.4								
RPM	1700								
FRAME	48Z								
				HZ	60			PH	1
SER.F.	1.00			CODE	H			DES	N
								CL	B
NEMA-NOM-EFF	54			PF	62				
RATING	40C AMB-CONT								
CC								USABLE AT 208V	
DE	6203			ODE	6203				
ENCL	TEAO			SN					

Parts List		
Part Number	Description	Quantity
SA008198	SA 34K52-5632	1.000 EA
RA004645	RA 34K52-5632	1.000 EA
OC2005F01	OVL OIL CAP 5MFD/370V	1.000 EA
34EP3204A01SP	FR ENDPLATE, MACH	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	3.000 EA
11XT0832G06	8-32 X 3/8 TY 23 TAPPING	1.000 EA
RM1000A03	CUSHION RING, MDL 17-33-34	1.000 EA
RM1000A03	CUSHION RING, MDL 17-33-34	1.000 EA
HA6004A01A	CLAMP CUSHION RING ASSY	2.000 EA
WD4100A01	DP-875 HEYCO PLUG OR 62MP0875 MICRO PLAS	1.000 EA
RM1001A01	GROMMET "MIDSTATES"	1.000 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
34EP3205A01	PU ENDPLATE, MACH	1.000 EA
XY1032A02	10-32 HEX NUT DIRECTIONAL SERRATION	4.000 EA
HW1000A10	#10 FLAT WASHER (SAE)	4.000 EA
LD5000A52	LEAD ASSY W/INTERNAL STAR RING TERMINALS	1.000 EA
11XT1032A06	10-32 X 3/8 HX WSHR HD SLTD TYPE 23	2.000 EA
34CB4501SP	TERMINAL BOX LID, STAMPED X (PLATED)	1.000 EA
34GS1005	GASKET, TERM PLATE LID	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	2.000 EA
34GS5003A01	FOAM SLEEVE, ID = 2 1/16" X 4 3/8"	1.000 EA
WD1000A03	41531 AMP FLG.TERM,4M/REEL(2.5MIL)	9.000 EA

Parts List (continued)		
Part Number	Description	Quantity
MG1025C02	WILKOFASG, 787.105, TAN	0.014 GA
10XF0440S02	04-40 X 1/8 TYPE F HEX HD STAINLESS STIC	2.000 EA
34BA4001A01SP	RESILIENT BASE, 408-416	1.000 EA
SP5076SP	MODEL 34 TERMINAL PANEL WITH QUICK CONNE	1.000 EA
33CB4800A01	CAPACITOR COVER, STAMPED	1.000 EA
35GS3001A01	GASKET, CAPACITOR COVER	1.000 EA
HA3100A15	THRUBOLT 10-32 X 8.375	4.000 EA
LB1118	LABEL,WARNING (ROLL LABEL)	1.000 EA
LC0052	CONNECTION LABEL	1.000 EA
NP1280L	ALUM FARM DUTY UL CSA CC THERMAL	1.000 EA
34PA1002	PKG GRP, PRINT PK1001A01	1.000 EA

AC Induction Motor Performance Data

Record # 50786 - Typical performance - not guaranteed values

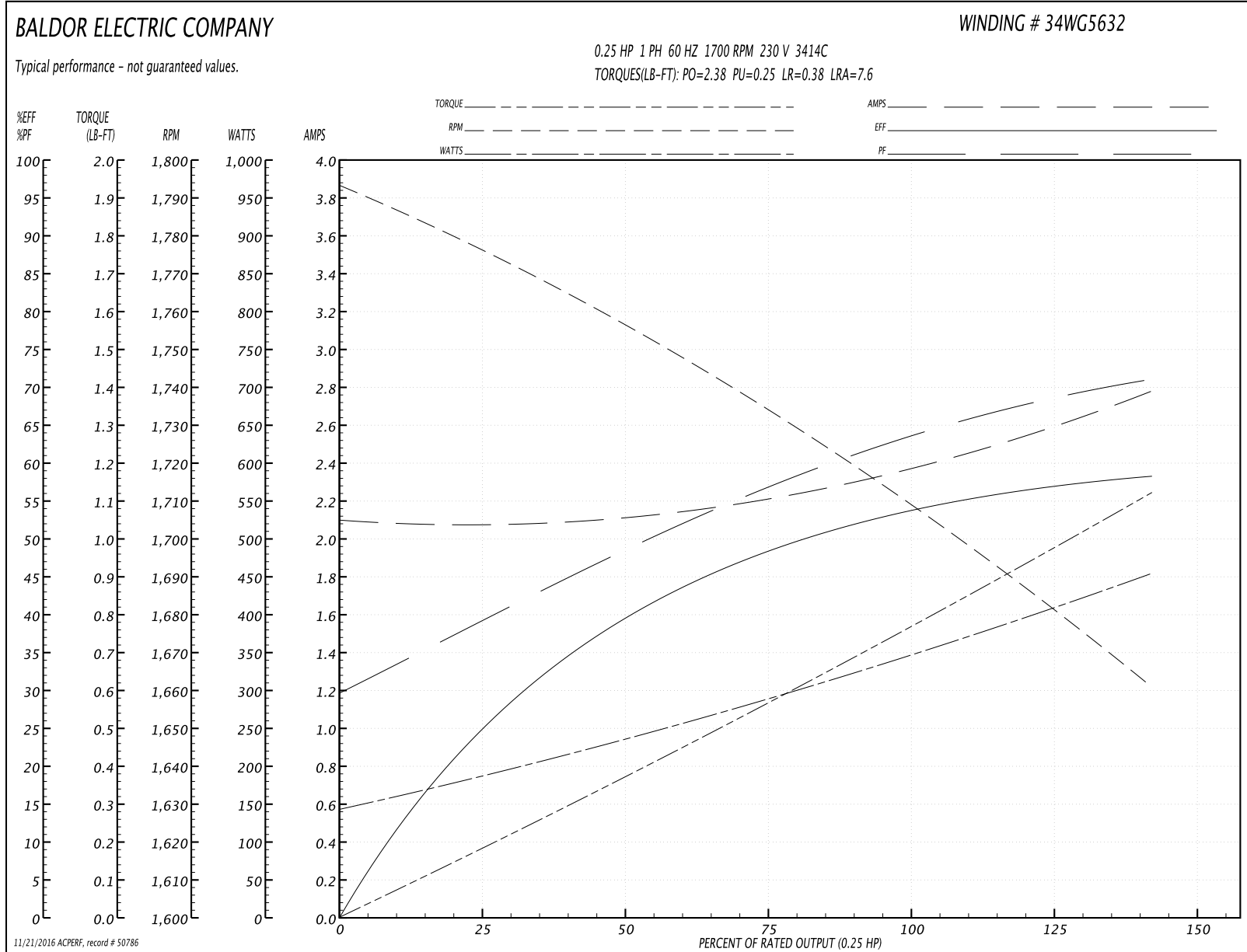
Winding: 34WG5632-R001	Type: 3414C	Enclosure: TEAO
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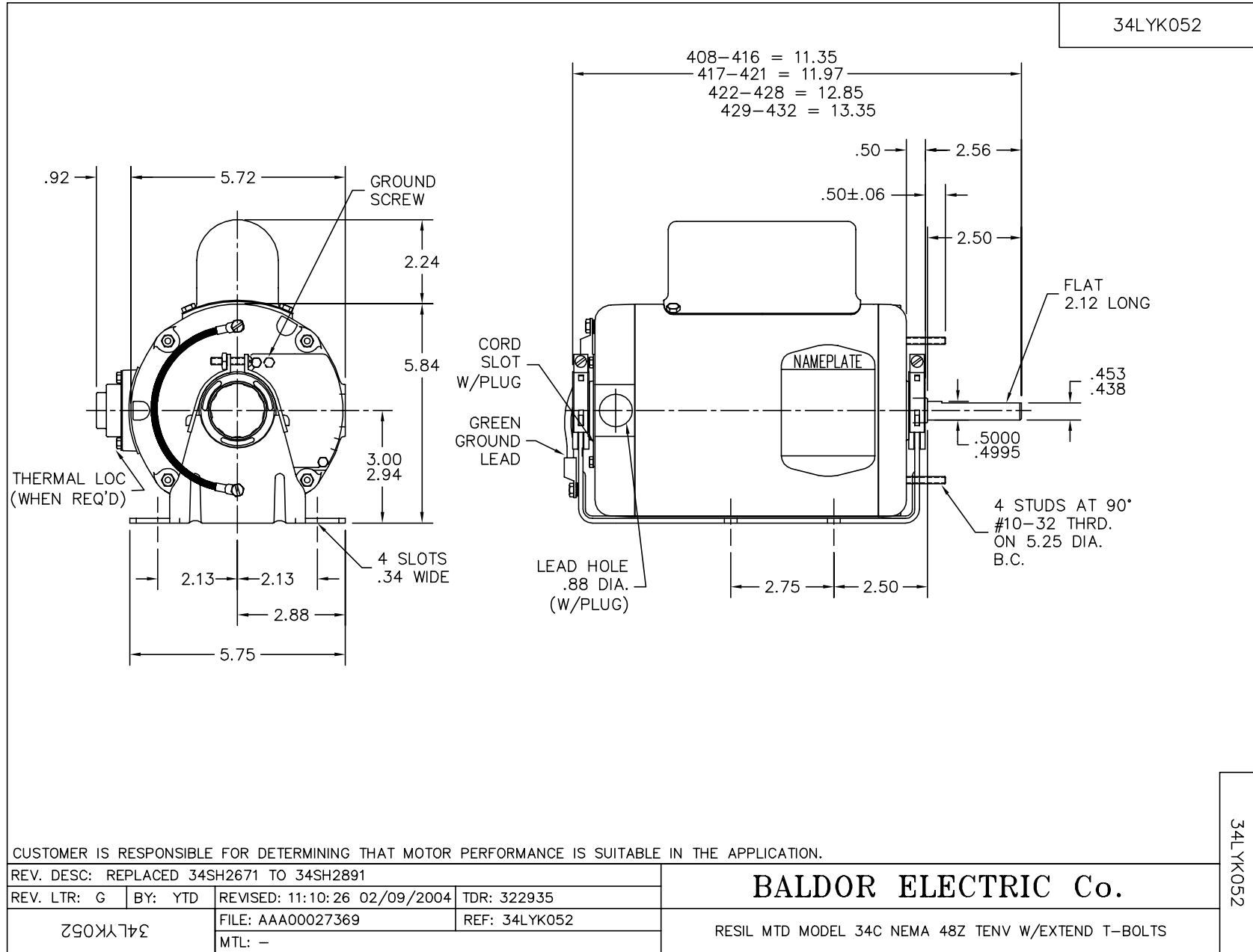
Nameplate Data				230 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	.25			Full Load Torque	0.75 LB-FT
Volts	115/230			Start Configuration	direct on line
Full Load Amps	4.8/2.4			Breakdown Torque	2.38 LB-FT
R.P.M.	1700			Pull-up Torque	0.25 LB-FT
Hz	60	Phase	1	Locked-rotor Torque	0.38 LB-FT
NEMA Design Code	N	KVA Code	H	Starting Current	7.6 A
Service Factor (S.F.)	1			No-load Current	2.1 A
NEMA Nom. Eff.	54	Power Factor	62	Line-line Res. @ 25°C	8.24 Ω A Ph 34.8 Ω B Ph
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	

Load Characteristics 230 V, 60 Hz, 0.25 HP

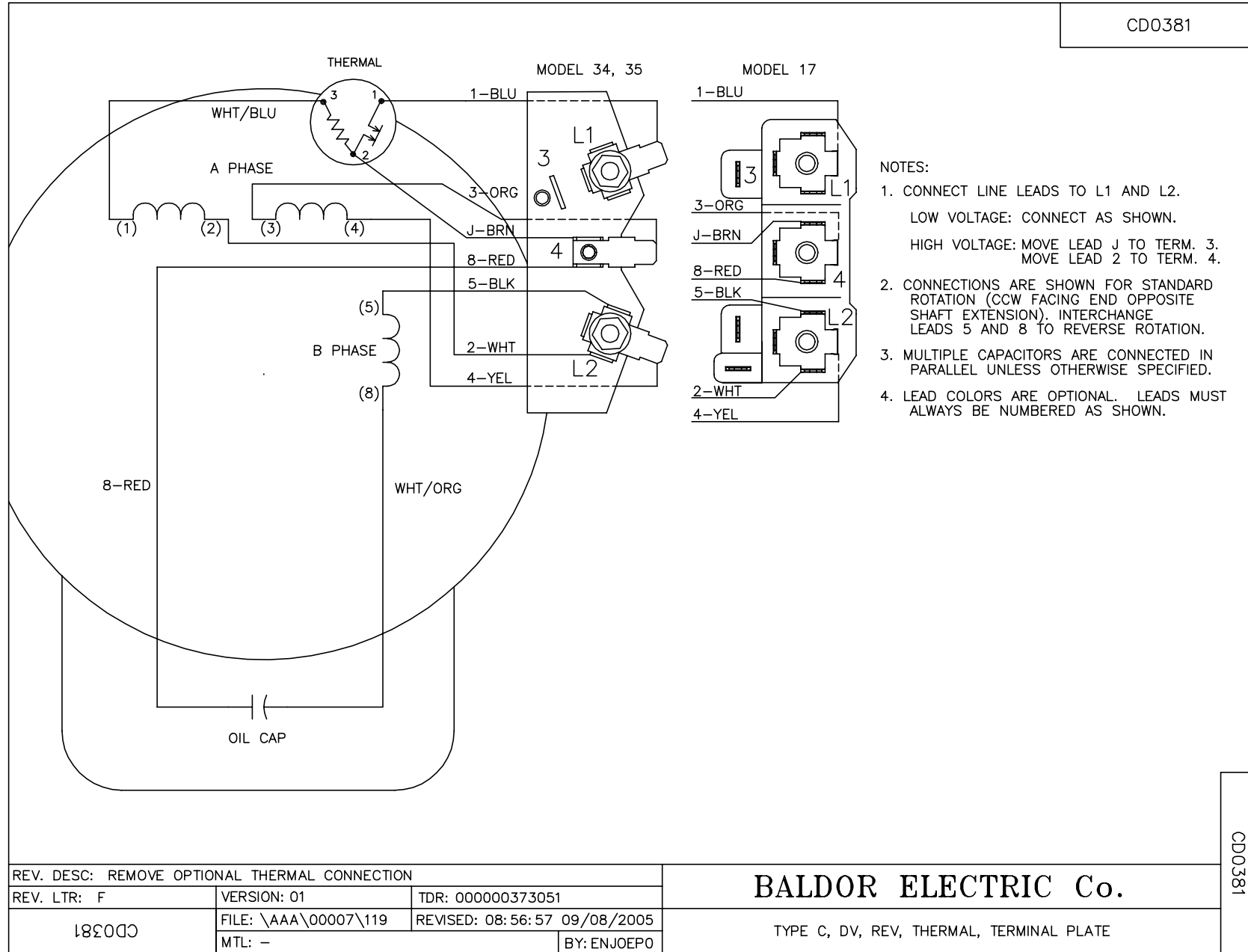
% of Rated Load	25	50	75	100	125	150
Power Factor	38	48	56	61	68	73
Efficiency	23	41	49	53	57	58
Speed	1775	1754	1733	1715	1689	1658
Line amperes	2.06	2.13	2.23	2.32	2.55	2.79

Performance Graph at 230V, 60Hz, 0.25HP Typical performance - Not guaranteed values





CD0381



CD0381

REV. DESC: REMOVE OPTIONAL THERMAL CONNECTION		
REV. LTR: F	VERSION: 01	TDR: 000000373051
182000	FILE: \AAA\00007\119	REVISED: 08:56:57 09/08/2005
	MTL: -	BY: ENJOEPO

BALDOR ELECTRIC Co.

TYPE C, DV, REV, THERMAL, TERMINAL PLATE