



BALDOR® • *RELIANCE*

Product Information Packet

M3004

.25HP,1140RPM,3PH,60HZ,48,3411M,OPEN,F1

Product Detail							
Revision:	L	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod Type:	3411M	Elec. Spec:	34WG5882	CD Diagram:	CD0005
Enclosure	OPEN	Mfg Plant:		Mech Spec:	34F002	Layout:	34LYF002
Frame:	48	Mounting:	F1	Poles:	06	Created Date:	
Base:	RG	Rotation:	R	Insulation:	B	Eff. Date:	07-16-2007
Leads:	9#18	Literature:		Elec. Diagram:		Replaced By:	

Nameplate NP1256L									
CAT.NO.	M3004								
SPEC.	34F02-5882								
HP	.25								
VOLTS	230/460								
AMP	1.4/.7								
RPM	1140								
FRAME	48	HZ			60	PH	3		
SER.F.	1.35	CODE			K	DES	B	CLASS	B
NEMA-NOM-EFF	68	PF			51				
RATING	40C AMB-CONT								
CC				USABLE AT 208V		1.6			
DE	6203	ODE			6203				
ENCL	OPEN	SN							
	SFA 1.5/.75								

Parts List			
Product ID	Description	Quantity	List Price
SA007627	SA 34F02-5882	1.000	218.00
RA004014	RA 34F02-5882	1.000	182.00
NS2512A01	INSULATOR, CONDUIT BOX X X	1.000	2.00
34CB3002A	CB CAST W/.88 DIA HOLE	1.000	13.00
51XB1016A07	10-16 X 7/16 HXWSSLD SERTYB	2.000	2.00
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000	3.00
34EP3210A01SP	FR ENDPLATE, MACH	1.000	52.00
HW5100A03SP	WAVY WASHER (W1543-017)	1.000	2.00
34EP3212A02	PU ENDPLATE, MODEL 34 OPEN	1.000	18.00
XY1032A02	10-32 HEX NUT DIRECTIONAL SERRATION	4.000	2.00
34CB4517	CB LID 4 MTG HOLES .22 DIA STAMPED, FOR	1.000	5.00
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000	2.00
MG1000G27	PAINT- S9282E CHARCOAL GREY	0.014	4,000.00
10XF0440S02	04-40 X 1/8 TYPE F HEX HD STAINLESS STIC	2.000	2.00
HA3100A12	THRUBOLT 10-32 X 7.375	4.000	2.00
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000	2.00
LC0005E01	CONN.DIA./WARNING LABEL (LC0005/LB1119)	1.000	2.00
NP1256L	NP STD LASER ENGRAVED, UL CSA CC, W/O TH	1.000	3.00
34PA1002	PACKING GROUP, BALDOR	1.000	13.00

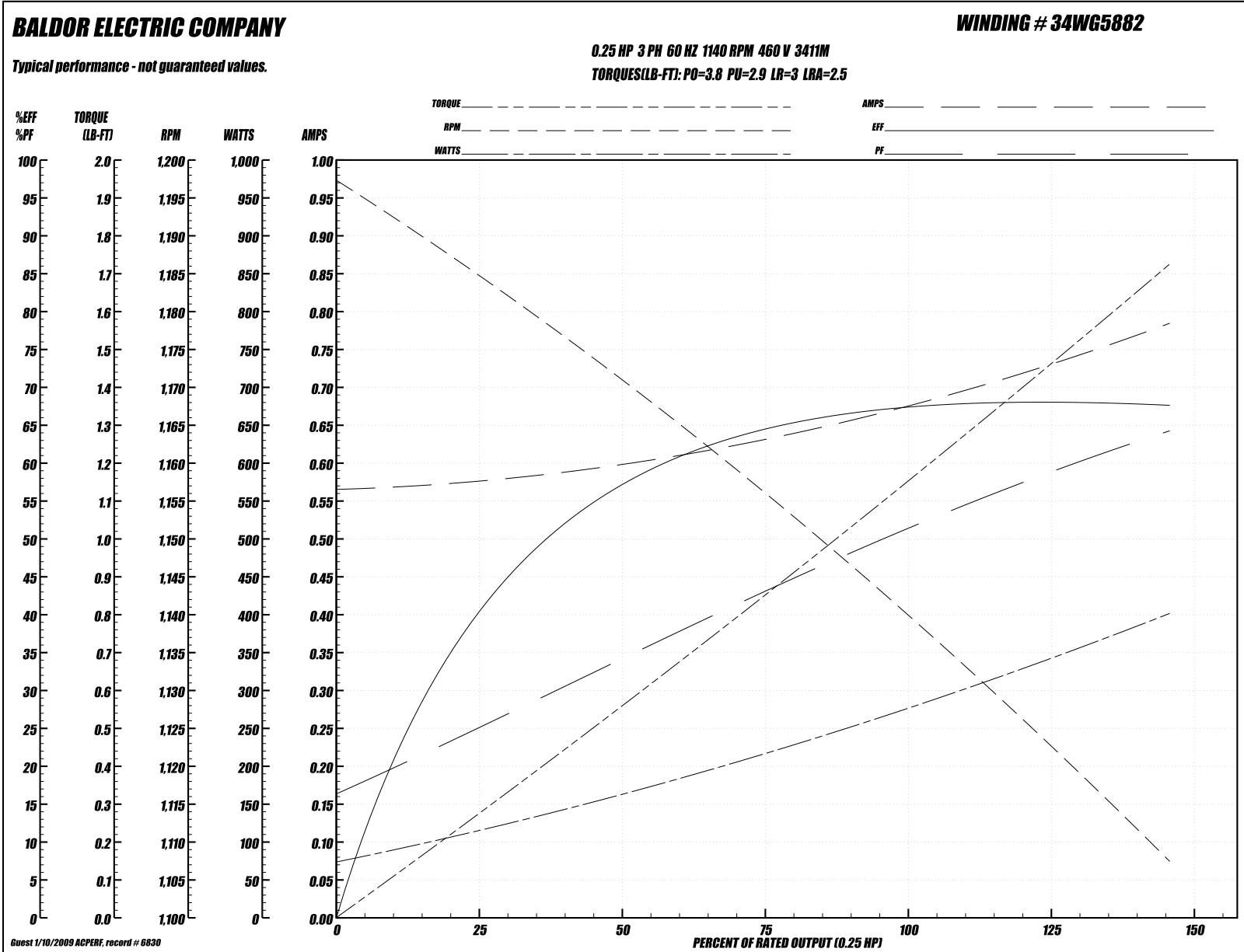
Performance Data at 460V, 60Hz, 0.25HP (Typical performance - Not guaranteed values)
General Characteristics

Full Load Torque:	1.15 LB-FT	Start Configuration:	DOL
No-Load Current:	0.57 Amps	Break-Down Torque:	3.8 LB-FT
Line-line Res. @ 25°C.:	80.7 Ohms A Ph / 0.0 Ohms B Ph	Pull-Up Torque:	2.9 LB-FT
Temp. Rise @ Rated Load:	41°C	Locked-Rotor Torque:	3.0 LB-FT
Temp. Rise @ S.F. Load:	53°C	Starting Current:	2.5 Amps

Load Characteristics

% of Rated Load:	25	50	75	100	125	150	S.F.
Power Factor:	24.0	34.0	43.0	51.0	58.0	61.0	61.0
Efficiency:	44.0	57.0	64.0	67.4	68.0	67.7	68.2
Speed:	1184.0	1171.0	1157.0	1139.0	1122.0	1109.0	1115.0
Line Amperes:	0.57	0.6	0.63	0.68	0.73	0.78	0.75

Performance Graph at 460V, 60Hz, 0.25HP (Typical performance - Not guaranteed values)



Performance Data at 460V, 60Hz, 0.25HP (Typical performance - Not guaranteed values)

General Characteristics							
Full Load Torque:	1.15 LB-FT			Start Configuration:	DOL		
No-Load Current:	0.57 Amps			Break-Down Torque:	3.8 LB-FT		
Line-line Res. @ 25°C.:	80.7 Ohms A Ph / 0.0 Ohms B Ph			Pull-Up Torque:	2.9 LB-FT		
Temp. Rise @ Rated Load:	37°C			Locked-Rotor Torque:	3.0 LB-FT		
Temp. Rise @ S.F. Load:	48°C			Starting Current:	2.5 Amps		
Load Characteristics							
% of Rated Load:	25	50	75	100	125	150	S.F.
Power Factor:	24.0	34.0	43.0	51.0	58.0	61.0	61.0
Efficiency:	44.0	57.0	64.0	67.4	68.0	67.7	68.2
Speed:	1184.0	1171.0	1157.0	1139.0	1122.0	1109.0	1115.0
Line Amperes:	0.57	0.6	0.63	0.68	0.73	0.78	0.75

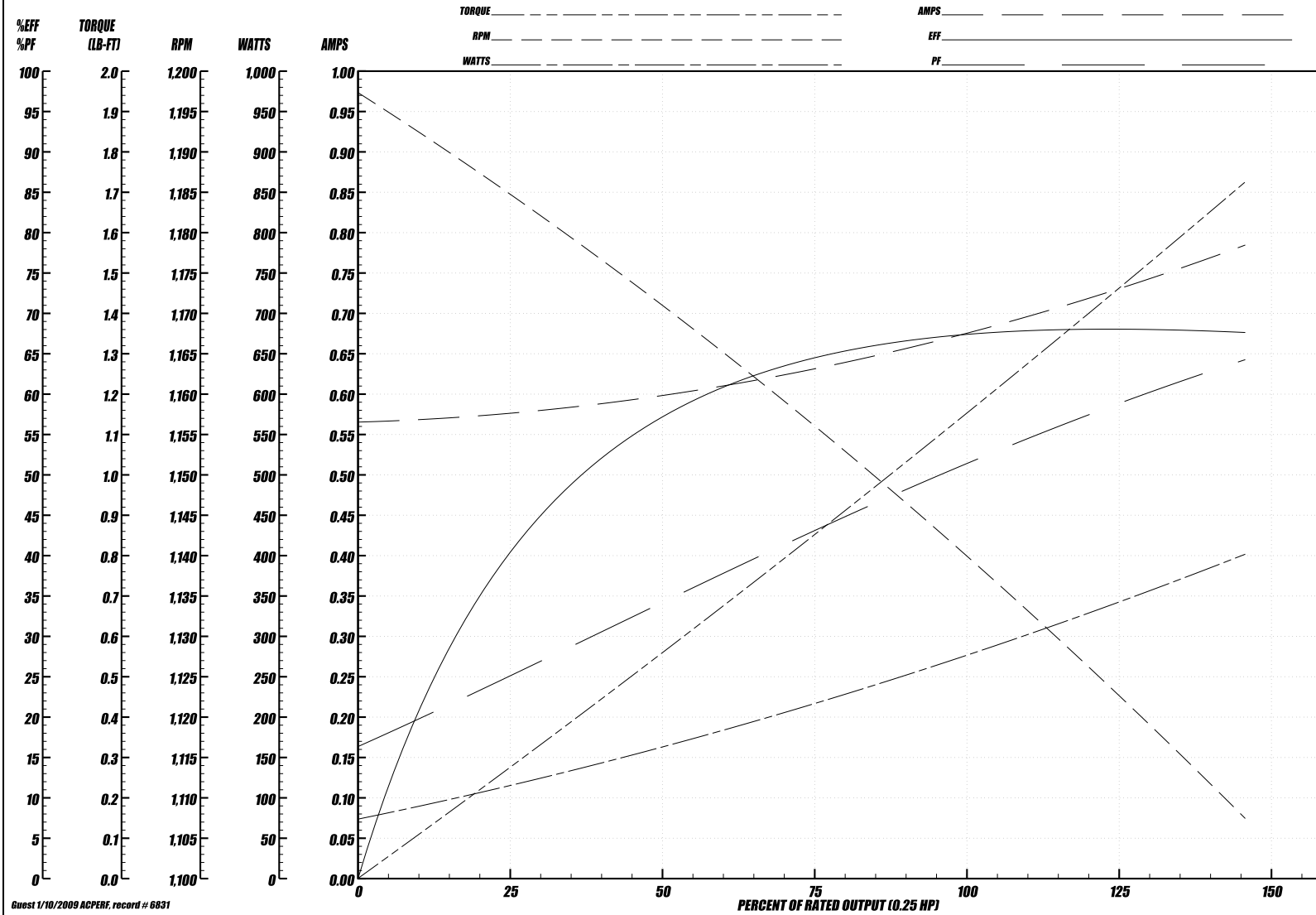
Performance Graph at 460V, 60Hz, 0.25HP (Typical performance - Not guaranteed values)

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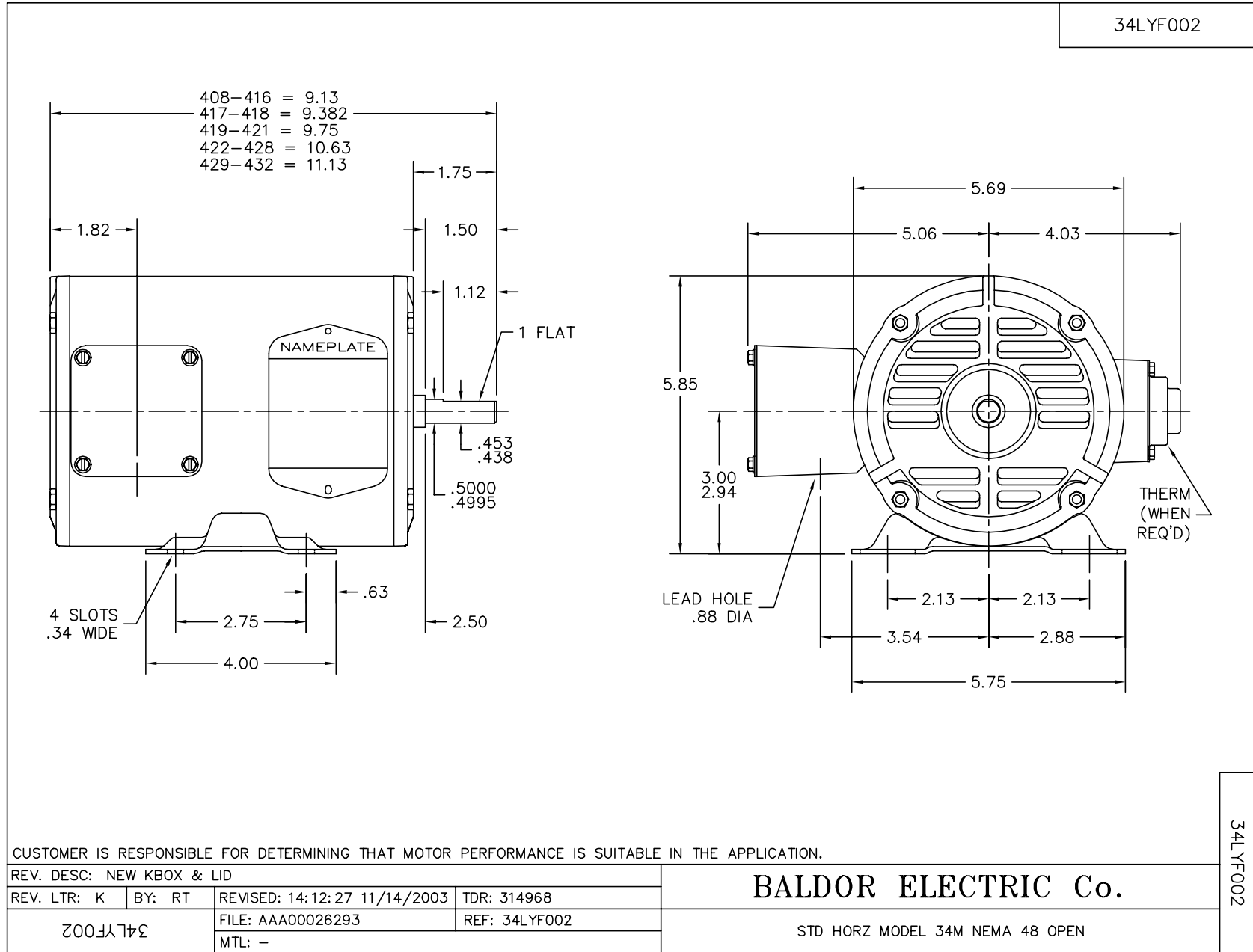
WINDING # 34WG5882

Typical performance - not guaranteed values.

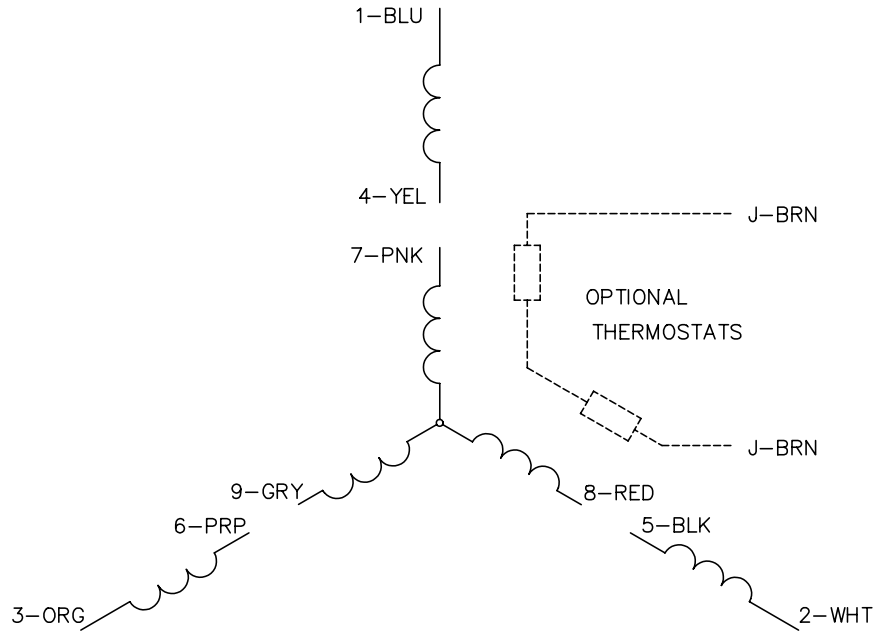
0.25 HP 3 PH 60 HZ 1140 RPM 460 V 3411M
 TORQUES(LB-FT): P0=3.8 PU=2.9 LR=3 LRA=2.5



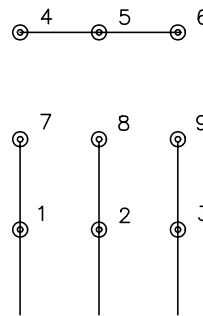
Guest 1/10/2009 ACPERF, record # 6831



CD0005

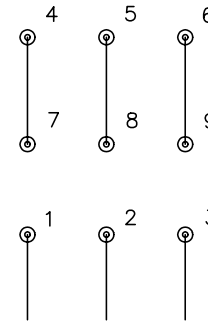


LOW VOLTAGE
(2Y)



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
900000		FILE: AAA00005140	MDL: -
		MTL: -	

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS

CD0005