

# **BALDOR® • RELIANCE**

**Product Information Packet**

**ELECTRIC MOTOR WHOLESAL.COM**

**M3004**

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

Part Detail							
Revision:	M	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3411M	Elec. Spec:	34WG5882	CD Diagram:	
Enclosure:	OPEN	Mfg Plant:		Mech. Spec:	34F002	Layout:	
Frame:	48	Mounting:	F1	Poles:	06	Created Date:	
Base:	RG	Rotation:	R	Insulation:	B	Eff. Date:	07-22-2011
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		
Part Number	Description	Quantity
SA007627	SA 34F02-5882	1.000 EA
RA004014	RA 34F02-5882	1.000 EA
NS2512A01	INSULATOR, CONDUIT BOX X	1.000 EA
34CB3002A	CB CAST W/.88 DIA HOLE	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
34EP3210A01SP	FR ENDPLATE, MACH	1.000 EA
HW5100A03SP	WAVY WASHER (W1543-017)	1.000 EA
34EP3212A02	PU ENDPLATE, MODEL 34 OPEN	1.000 EA
XY1032A02	10-32 HEX NUT DIRECTIONAL SERRATION	4.000 EA
34CB4517	CB LID 4 MTG HOLES .22 DIA STAMPED, FOR	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 EA
MG1000G27	PAINT- S9282E CHARCOAL GREY 55 GALLONS	0.014 GA
10XF0440S02	04-40 X 1/8 TYPE F HEX HD STAINLESS STIC	2.000 EA
HA3100A12	THRUBOLT 10-32 X 7.375	4.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA
LC0005E01	CONN.DIA./WARNING LABEL (LC0005/LB1119)	1.000 EA
NP1256L	ALUM, UL CSA CC, W/O THERMAL, LASER	1.000 EA
34PA1002	PACKING GROUP, BALDOR	1.000 EA

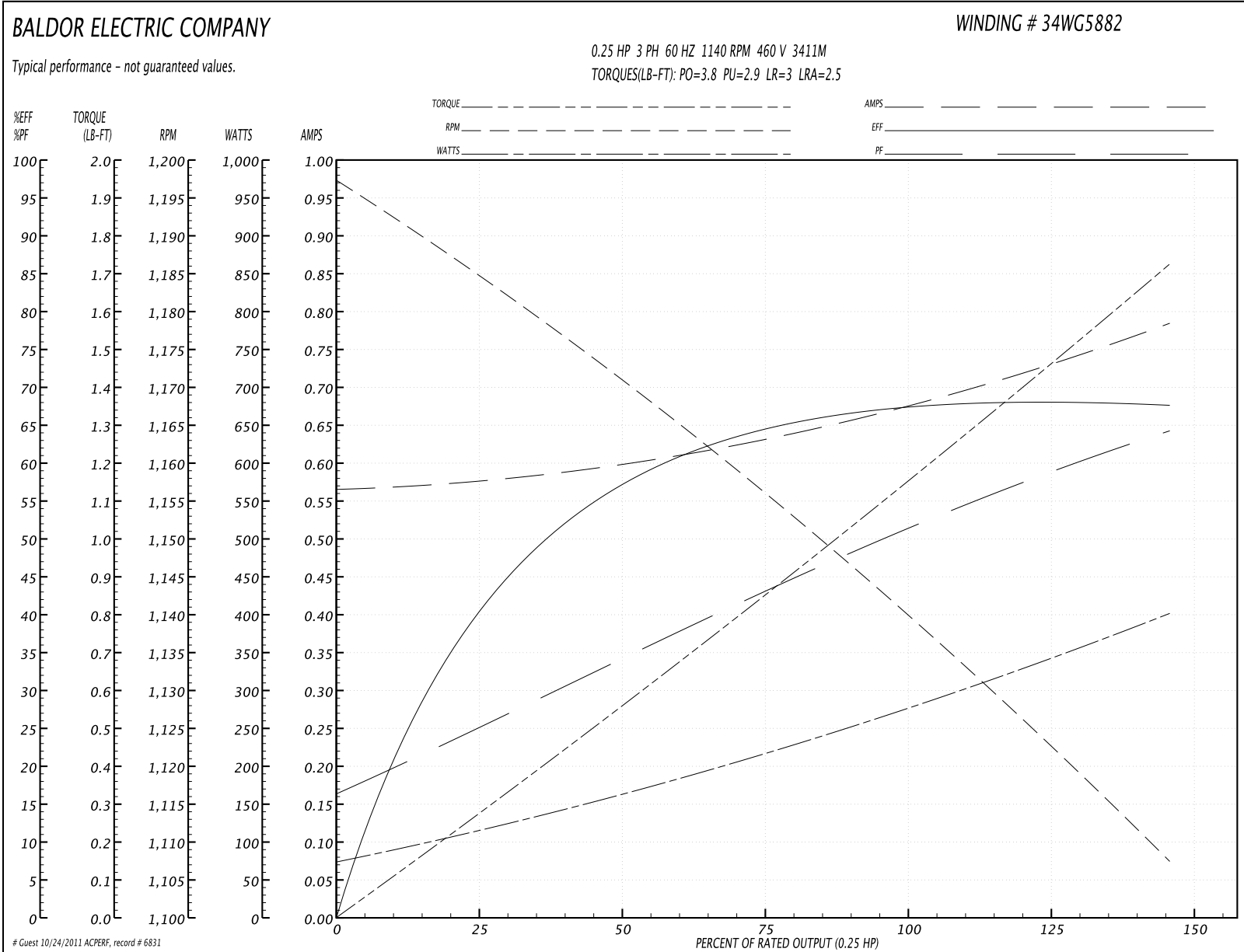
**Performance Data at 460V, 60Hz, 0.25HP (Typical performance - Not guaranteed values)**
**General Characteristics**

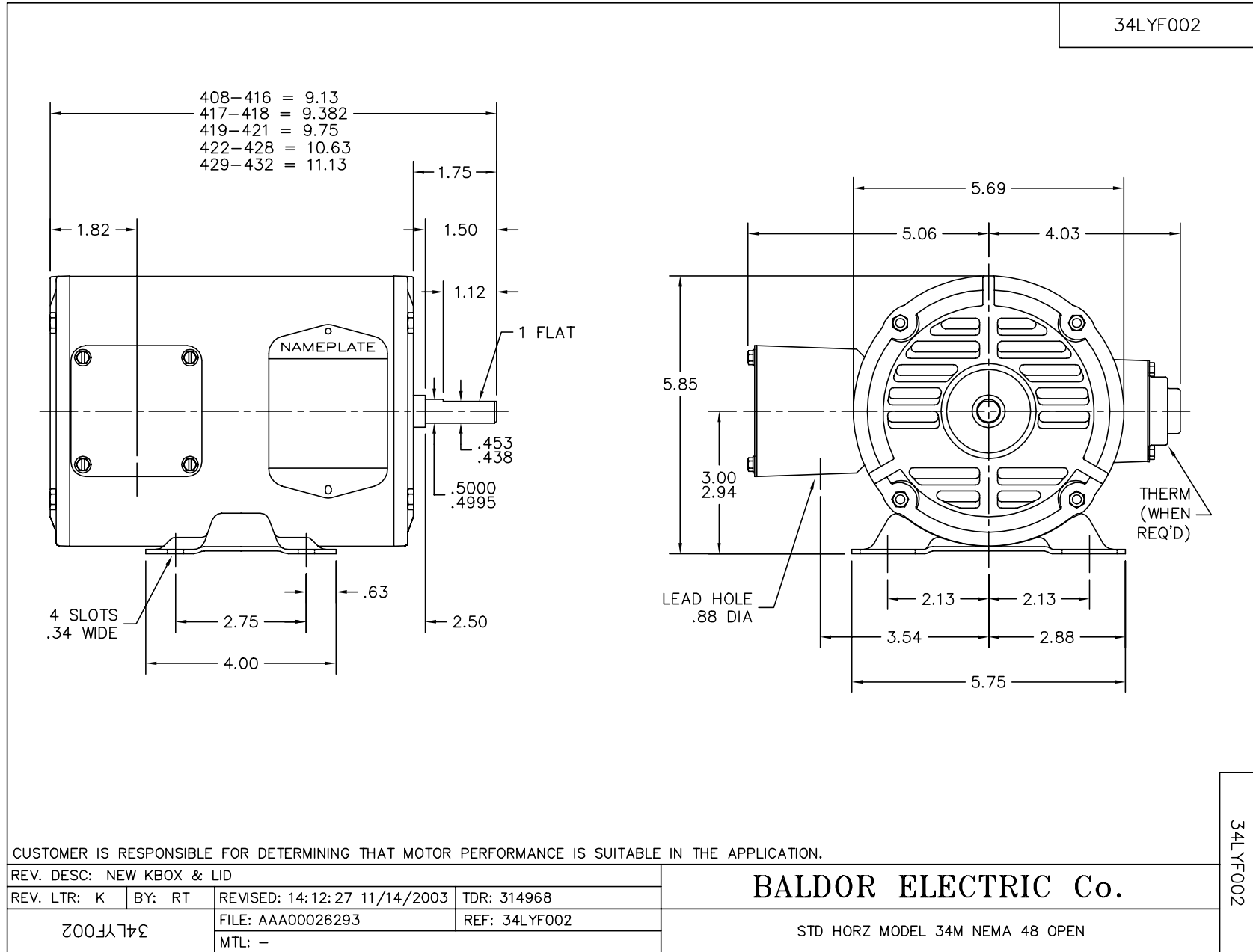
<b>Full Load Torque:</b>	1.15 LB-FT	<b>Start Configuration:</b>	DOL
<b>No-Load Current:</b>	0.57 Amps	<b>Break-Down Torque:</b>	3.8 LB-FT
<b>Line-line Res. @ 25°C.:</b>	80.7 Ohms A Ph / 0.0 Ohms B Ph	<b>Pull-Up Torque:</b>	2.9 LB-FT
<b>Temp. Rise @ Rated Load:</b>	37 C	<b>Locked-Rotor Torque:</b>	3.0 LB-FT
<b>Temp. Rise @ S.F. Load:</b>	48 C	<b>Starting Current:</b>	2.5 Amps

**Load Characteristics**

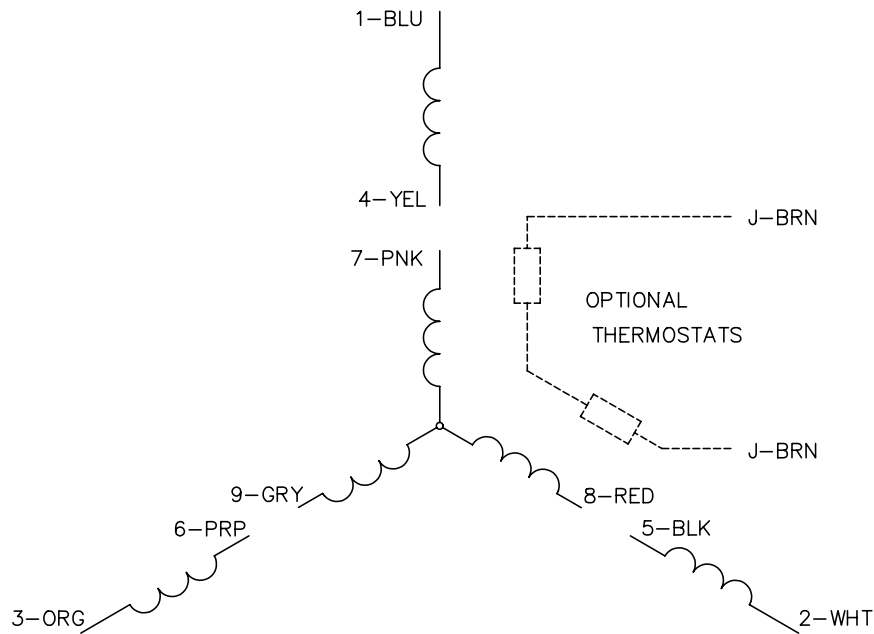
% of Rated Load	25	50	75	100	125	150	S.F.
<b>Power Factor:</b>	24.0	34.0	43.0	51.0	58.0	61.0	61.0
<b>Efficiency:</b>	44.0	57.0	64.0	67.4	68.0	67.7	68.2
<b>Speed:</b>	1184.0	1171.0	1157.0	1139.0	1122.0	1109.0	1115.0
<b>Line Amperes:</b>	0.57	0.6	0.63	0.68	0.73	0.78	0.75

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

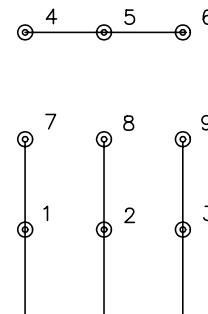




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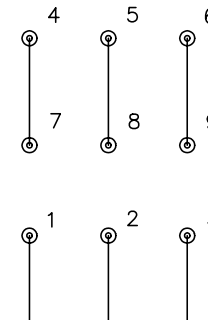


LOW VOLTAGE  
(2Y)



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

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