



BALDOR® • *RELIANCE*

Product Information Packet

M3153

.75HP,1140RPM,3PH,60HZ,56,3428M,OPEN,F1

Product Detail							
Revision:	K	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod Type:	3428M	Elec. Spec:	34WGW012	CD Diagram:	CD0005
Enclosure	OPEN	Mfg Plant:		Mech Spec:	34-1238	Layout:	34LY1238
Frame:	56	Mounting:	F1	Poles:	06	Created Date:	
Base:	RG	Rotation:	R	Insulation:	B	Eff. Date:	09-20-2005
Leads:	9#18	Literature:		Elec. Diagram:		Replaced By:	

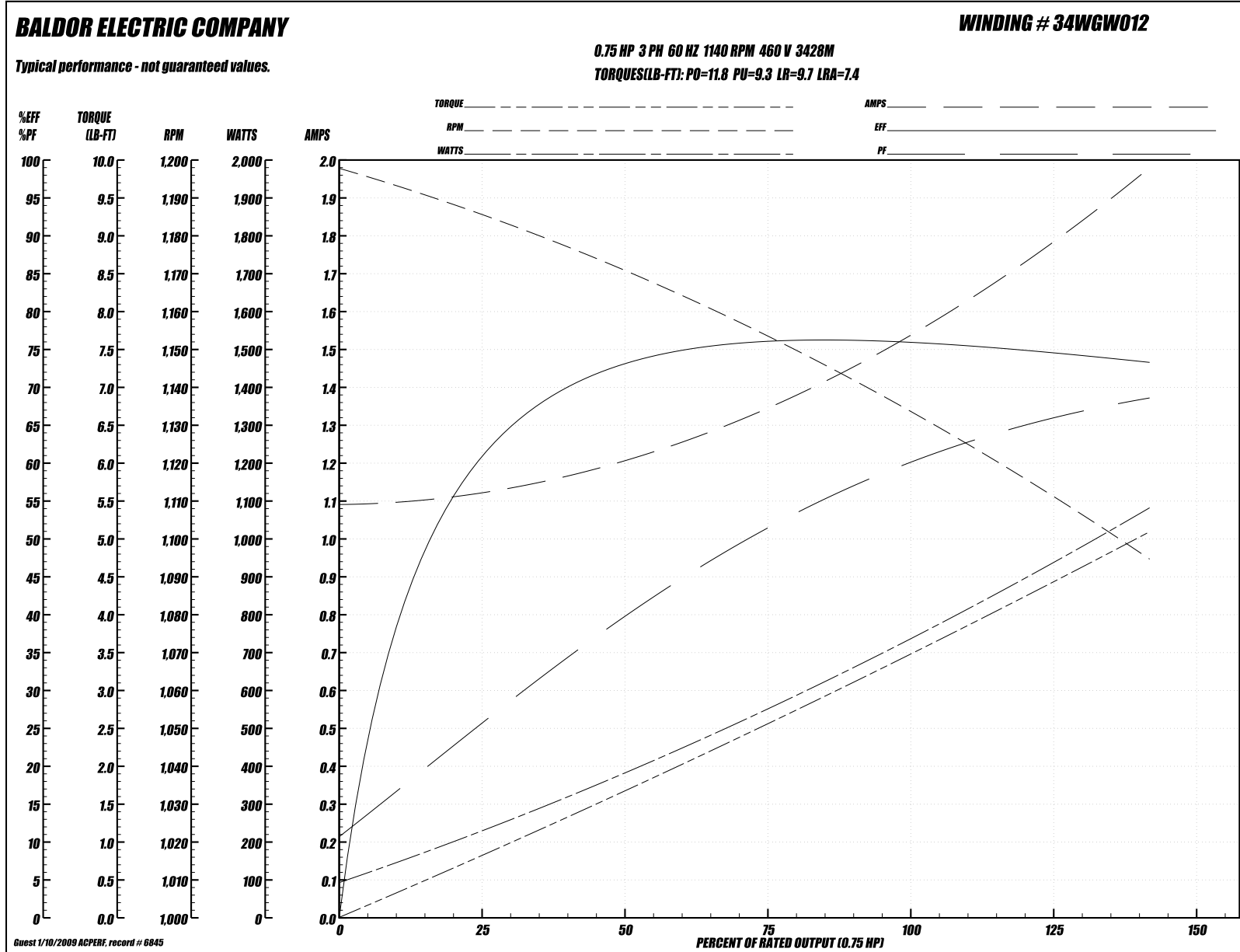
Nameplate NP1256L									
CAT.NO.	M3153								
SPEC.	34-1238W12								
HP	.75								
VOLTS	208-230/460								
AMP	3.3-3/1.5								
RPM	1140								
FRAME	56	HZ			60	PH	3		
SER.F.	1.15	CODE			K	DES	B	CLASS	B
NEMA-NOM-EFF	77	PF			59				
RATING	40C AMB-CONT								
CC				USABLE AT 208V		3.3			
DE	6203	ODE			6203				
ENCL	OPEN	SN							
	SFA 3.5-3.2/1.6								

Parts List			
Product ID	Description	Quantity	List Price
SA008681	SA 34-1238W12	1.000	271.00
RA005128	RA 34-1238W12	1.000	201.00
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
34EP3200A01SP	FR ENDPLATE, MACH	1.000	37.00
HW5100A03SP	WAVY WASHER (W1543-017)	1.000	2.00
34EP3200A02SP	FR/PU ENDPLATE, MACH	1.000	37.00
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
HW2501D13SP	KEY, 3/16 SQ X 1.375	1.000	2.00
HA7000A04	KEY RETAINER 0.625 DIA SHAFTS	1.000	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
HA3100A38	THRUBOLT 10-32 X 9.375	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
34PA1005	PACKING GROUP, BALDOR	1.000	10.00

Performance Data at 460V, 60Hz, 0.75HP (Typical performance - Not guaranteed values)

General Characteristics							
Full Load Torque:	3.4 LB-FT			Start Configuration:	DOL		
No-Load Current:	1.1 Amps			Break-Down Torque:	11.8 LB-FT		
Line-line Res. @ 25°C.:	21.9 Ohms A Ph / 0.0 Ohms B Ph			Pull-Up Torque:	9.3 LB-FT		
Temp. Rise @ Rated Load:	60°C			Locked-Rotor Torque:	9.7 LB-FT		
Temp. Rise @ S.F. Load:	73°C			Starting Current:	7.4 Amps		
Load Characteristics							
% of Rated Load:	25	50	75	100	125	150	S.F.
Power Factor:	26.0	40.0	51.0	59.0	65.0	68.0	63.0
Efficiency:	60.0	72.0	76.0	77.0	75.0	73.0	76.0
Speed:	1185.0	1170.0	1155.0	1135.0	1115.0	1095.0	1125.0
Line Amperes:	1.1	1.2	1.4	1.5	1.7	2.0	1.6

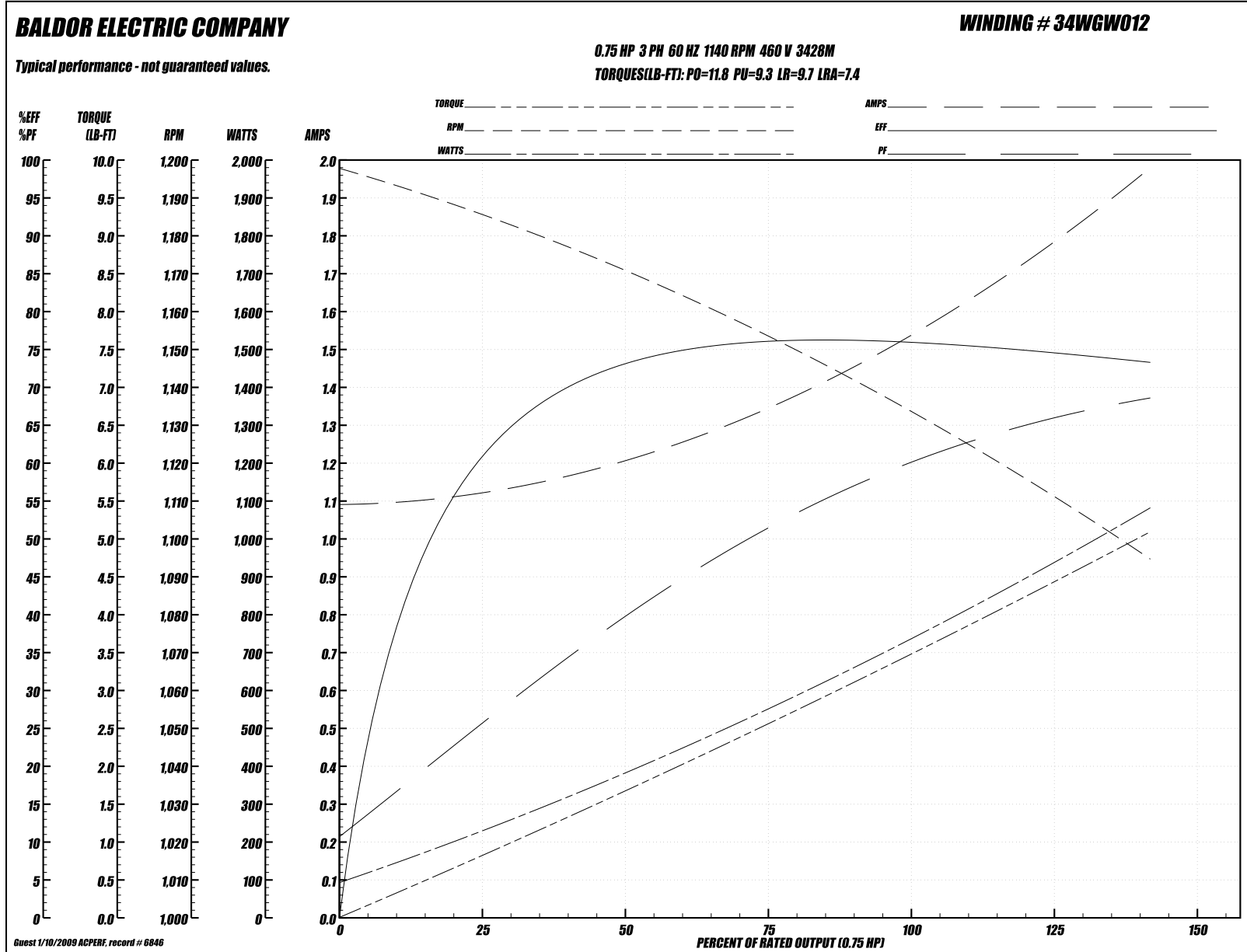
Performance Graph at 460V, 60Hz, 0.75HP (Typical performance - Not guaranteed values)



Performance Data at 460V, 60Hz, 0.75HP (Typical performance - Not guaranteed values)

General Characteristics							
Full Load Torque:	3.4 LB-FT			Start Configuration:	DOL		
No-Load Current:	1.1 Amps			Break-Down Torque:	11.8 LB-FT		
Line-line Res. @ 25°C.:	21.9 Ohms A Ph / 0.0 Ohms B Ph			Pull-Up Torque:	9.3 LB-FT		
Temp. Rise @ Rated Load:	62°C			Locked-Rotor Torque:	9.7 LB-FT		
Temp. Rise @ S.F. Load:	75°C			Starting Current:	7.4 Amps		
Load Characteristics							
% of Rated Load:	25	50	75	100	125	150	S.F.
Power Factor:	26.0	40.0	51.0	59.0	65.0	68.0	63.0
Efficiency:	60.0	72.0	76.0	77.0	75.0	73.0	76.0
Speed:	1185.0	1170.0	1155.0	1135.0	1115.0	1095.0	1125.0
Line Amperes:	1.1	1.2	1.4	1.5	1.7	2.0	1.6

Performance Graph at 460V, 60Hz, 0.75HP (Typical performance - Not guaranteed values)



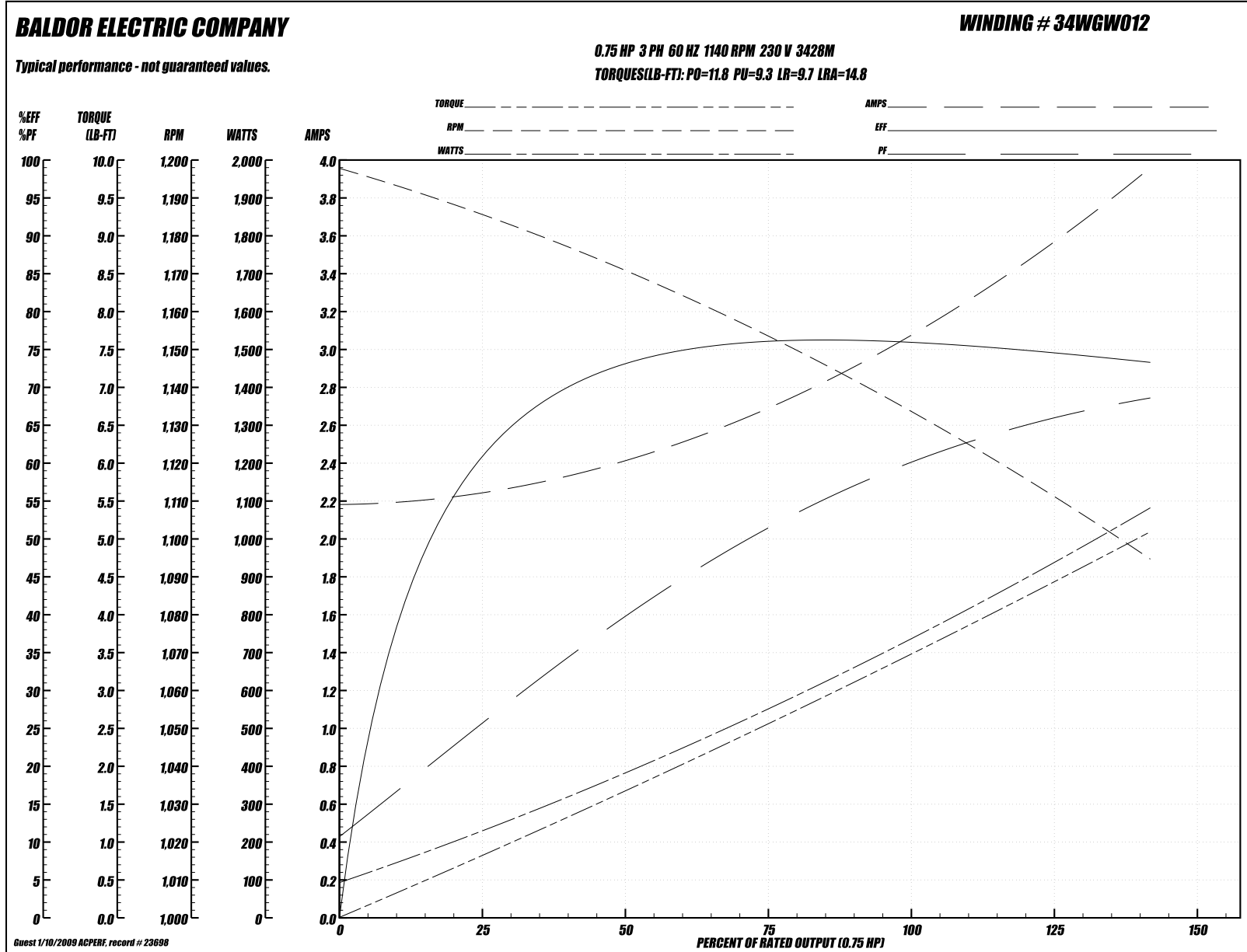
Performance Data at 230V, 60Hz, 0.75HP (Typical performance - Not guaranteed values)
General Characteristics

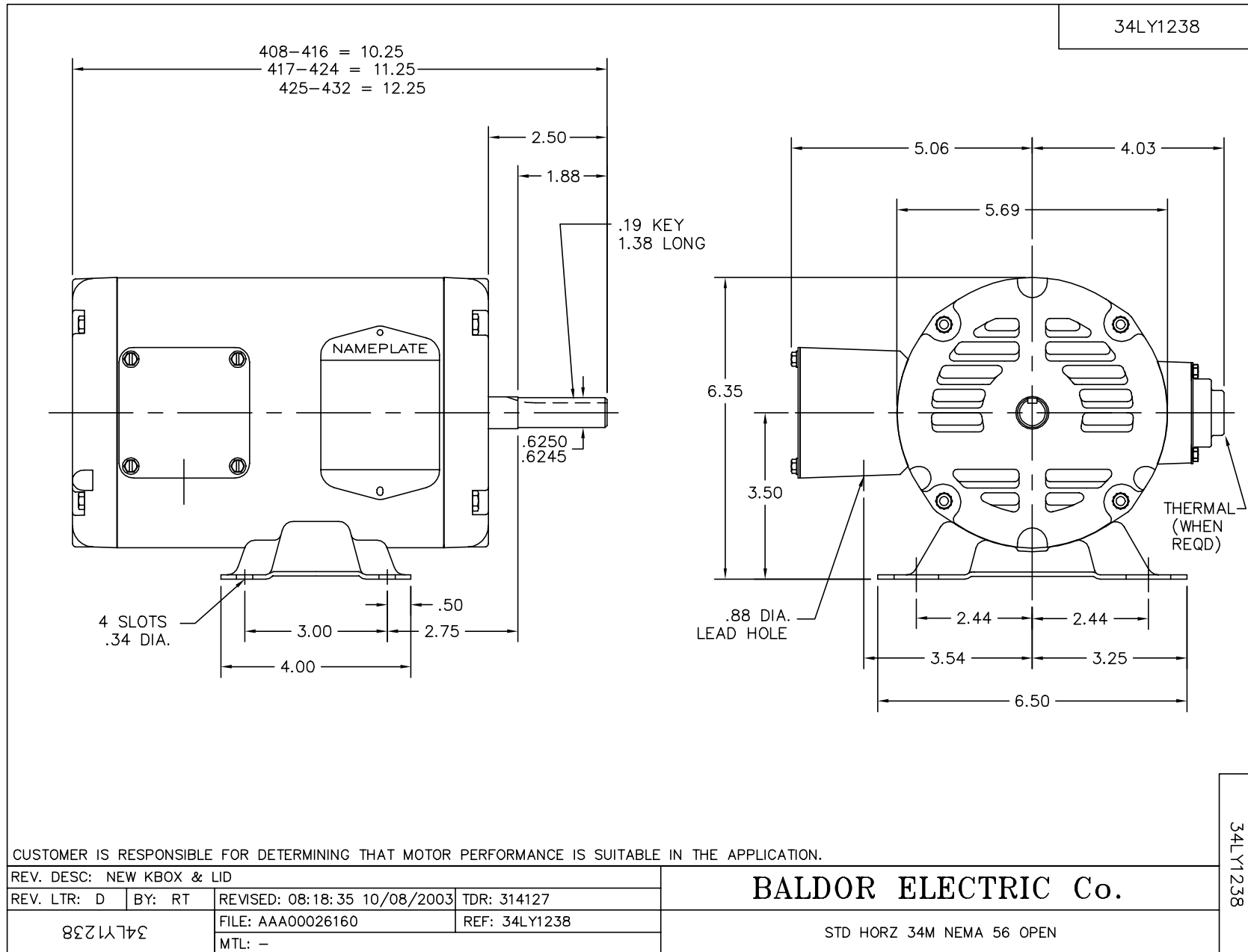
Full Load Torque:	3.4 LB-FT	Start Configuration:	DOL
No-Load Current:	2.2 Amps	Break-Down Torque:	11.8 LB-FT
Line-line Res. @ 25°C.:	5.32 Ohms A Ph / 0.0 Ohms B Ph	Pull-Up Torque:	9.3 LB-FT
Temp. Rise @ Rated Load:	62°C	Locked-Rotor Torque:	9.7 LB-FT
Temp. Rise @ S.F. Load:	72°C	Starting Current:	14.8 Amps

Load Characteristics

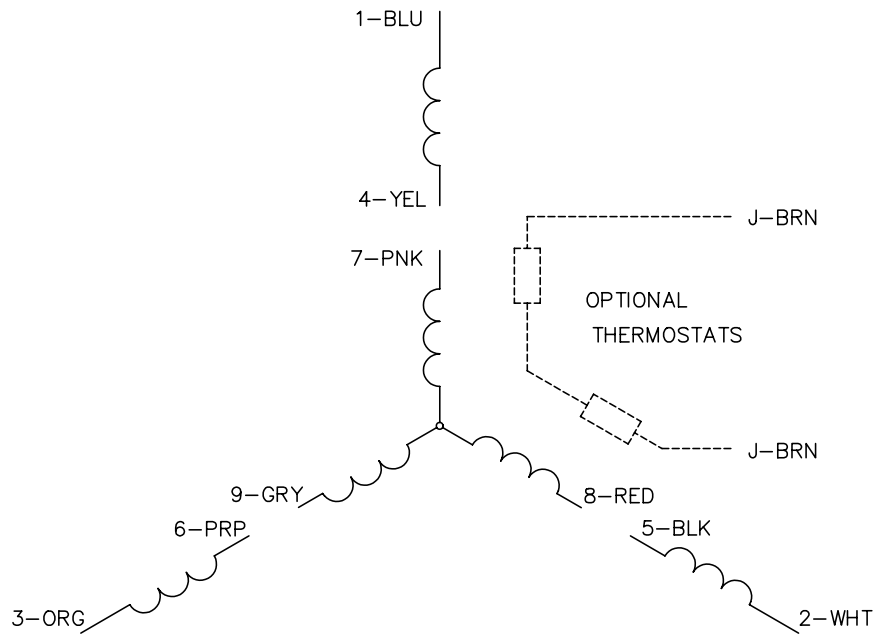
% of Rated Load:	25	50	75	100	125	150	S.F.
Power Factor:	27.0	41.0	49.0	60.0	66.0	68.0	64.0
Efficiency:	60.1	72.1	76.1	77.0	75.0	73.0	75.8
Speed:	1185.0	1170.0	1155.0	1135.0	1115.0	1095.0	1123.0
Line Amperes:	2.2	2.4	2.8	3.0	3.4	4.0	3.24

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

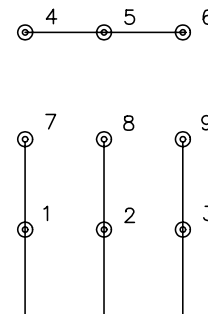




CD0005

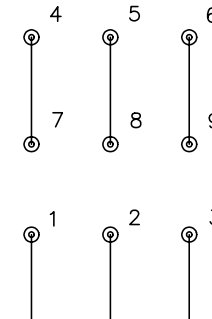


LOW VOLTAGE
(2Y)



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
90000		FILE: AAA00005140	MDL: -
		MTL: -	

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS

CD0005