

BALDOR® • **RELIANCE**

Product Information Packet

AOM3458

.33HP, 1725RPM, 3PH, 60HZ, 48, 3410M, TEAO, F1

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Part Detail							
Revision:	P	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3410M	Elec. Spec:	34WGW137	CD Diagram:	
Enclosure:	TEAO	Mfg Plant:		Mech. Spec:	34K099	Layout:	
Frame:	48	Mounting:	F1	Poles:	04	Created Date:	
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	09-10-2009
Leads:	9#18 36" LG	Literature:	Y	Elec. Diagram:		Replaced By:	

Nameplate NP1256L							
CAT.NO.	AOM3458						
SPEC.	34K99W137						
HP	.33 AIR OVER						
VOLTS	230/460						
AMP	1.7.85						
RPM	1725						
FRAME	48	HZ	60	PH	3		
SER.F.	1.00	CODE	M	DES	B	CLASS	F
NEMA-NOM-EFF	68	PF	53				
RATING	40C AMB-CONT						
CC	USABLE AT 208V			1.9			
DE	6203	ODE	6203				
ENCL	TEAO	SN					
	800 FPM AT 44 CFM						

Parts List		
Part Number	Description	Quantity
SA008238	SA 34K99W137	1.000 EA
RA004685	RA 34K99W137	1.000 EA
NS2512A01	INSULATOR, CONDUIT BOX X	1.000 EA
34CB3002A	CB CAST W/.88 DIA HOLE	1.000 EA
34GS1029A01	GASKET, CONDUIT BOX	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
34EP3100A03SP	FR ENDPLATE, MACH	1.000 EA
HW5100A03SP	WAVY WASHER (W1543-017)	1.000 EA
34EP3102A02SP	FR/PU ENDPLATE, MACH	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
34GS1031A01	GASKET, FLAT CONDUIT BOX LID (LEXIDE)	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 EA
MG1000G27	PAINT- S9282E CHARCOAL GREY	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	1.000 EA
34PA1002	PACKING GROUP, BALDOR	1.000 EA

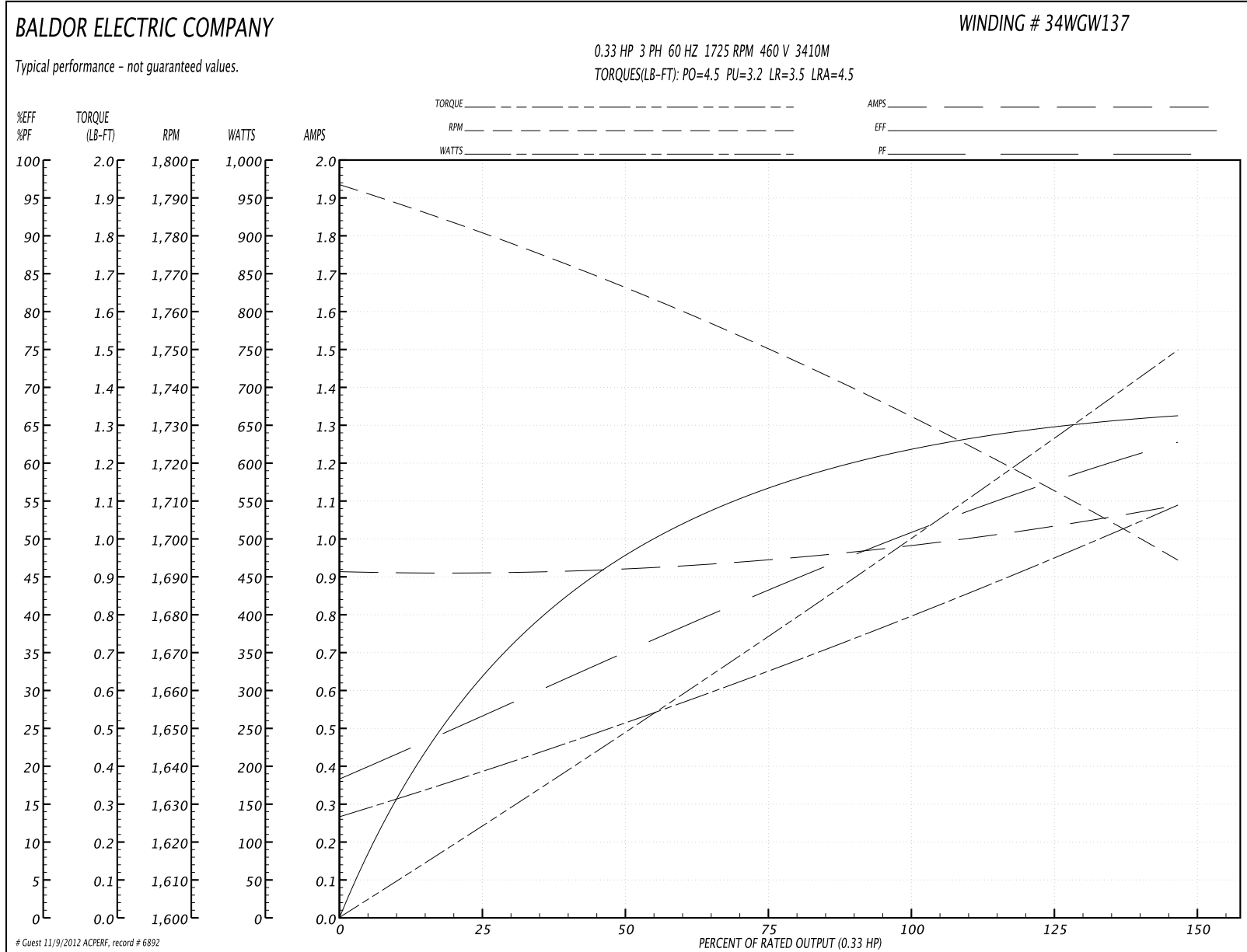
Accessories		
Part Number	Description	Multiplier
34-3900T	C-FACE KIT	A8

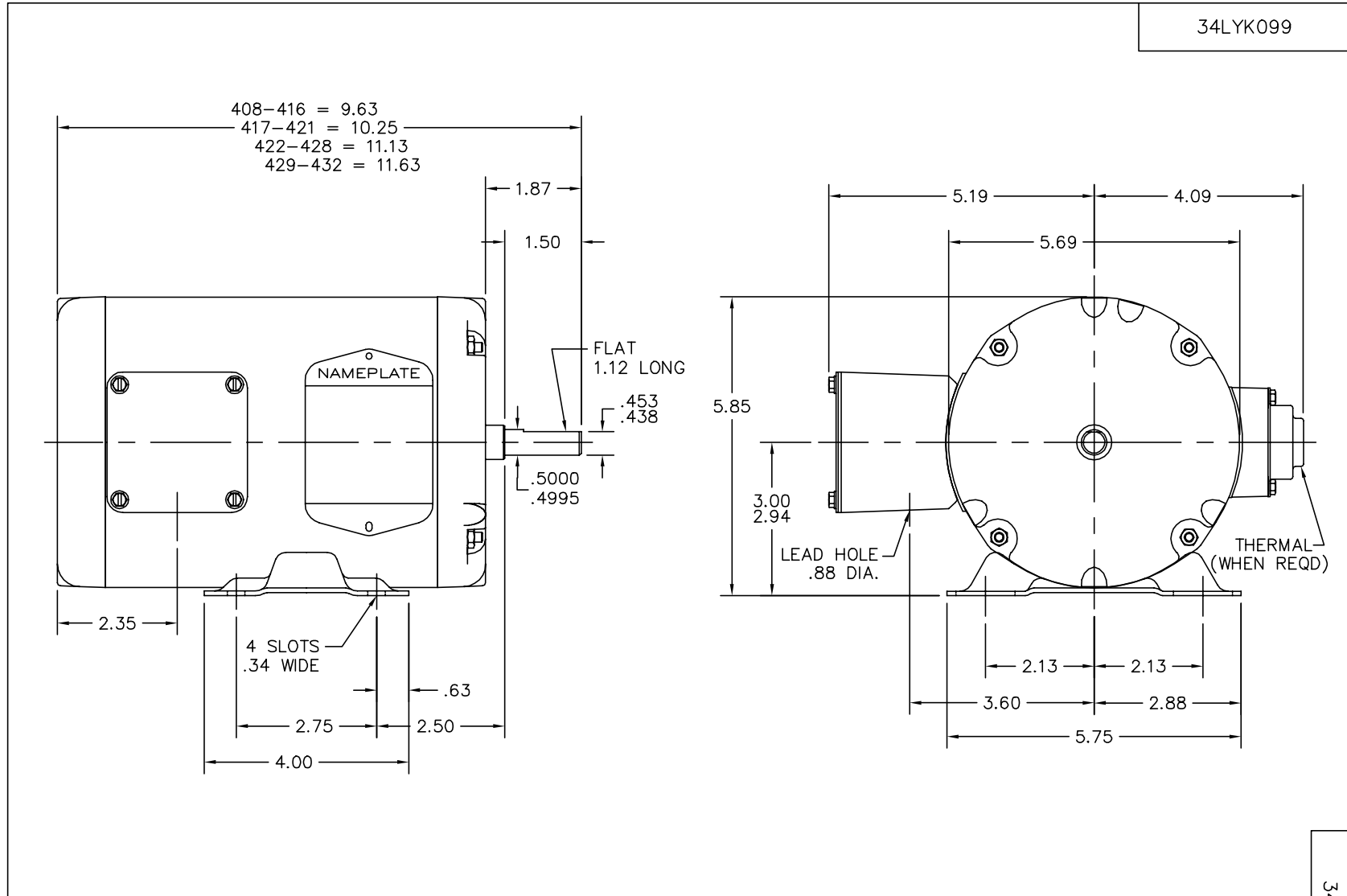
Performance Data at 460V, 60Hz, 0.33HP (Typical performance - Not guaranteed values)

General Characteristics			
Full Load Torque:	1.0 LB-FT	Start Configuration:	DOL
No-Load Current:	0.914 Amps	Break-Down Torque:	4.5 LB-FT
Line-line Res. @ 25°C.:	51.6 Ohms A Ph / 0.0 Ohms B Ph	Pull-Up Torque:	3.2 LB-FT
Temp. Rise @ Rated Load:	60 C	Locked-Rotor Torque:	3.5 LB-FT
Temp. Rise @ S.F. Load:		Starting Current:	4.5 Amps

Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	26.0	35.0	43.0	50.0	57.0	64.0	0.0
Efficiency:	32.0	48.0	57.0	62.0	65.0	66.0	0.0
Speed:	1780.0	1765.0	1750.0	1733.0	1714.0	1694.0	0.0
Line Amperes:	0.91	0.92	0.95	0.98	1.03	1.09	0.0

Performance Graph at 460V, 60Hz, 0.33HP Typical performance - Not guaranteed values





CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT MOTOR PERFORMANCE IS SUITABLE IN THE APPLICATION.

REV. DESC: UPDATE GRAPHIC & ACAD			
REV. LTR: F	VERSION: 01	TDR: 000000358220	
660K17C 34LYK099	FILE: \AAA\00026\163	REVISED: 07:24:22 02/28/2005	
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BALDOR ELECTRIC Co.

STD HORZ MODEL 34M NEMA 48 TEAO

34LYK099

CD0005

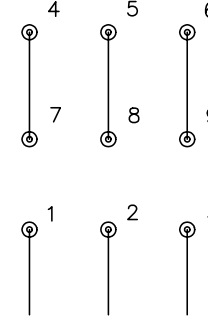


LOW VOLTAGE
(2Y)



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