

BALDOR® • RELIANCE

Product Information Packet

AOM3455

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

Part Detail							
Revision:	-	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3411M	Elec. Spec:	34WG5882	CD Diagram:	CD0005
Enclosure:	TEAO	Mfg Plant:		Mech. Spec:	34K099	Layout:	34LYK099
Frame:	48	Mounting:	F1	Poles:	06	Created Date:	11-20-2007
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	01-04-2008
Leads:	9#18					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1256L

CAT.NO.	AOM3455										
SPEC.	34K099-5882G2										
HP	.25										
VOLTS	230/460										
AMP	1.4/.7										
RPM	1140										
FRAME	48				HZ		60			PH	3
SER.F.	1.00			CODE	K	DES		B	CLASS	F	
NEMA-NOM-EFF	68			PF	51						
RATING	40C AMB-CONT										
CC				USABLE AT 208V							1.5
DE	6203				ODE	6203					
ENCL	TEAO			SN							

Parts List		
Part Number	Description	Quantity
SA165151	SA 34K099-5882G2	1.000 EA
RA153563	RA 34K099-5882G2	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	MED CHARCOAL METALLIC GREY 400-0096	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
LC0005E01	CONN.DIA./WARNING LABEL (LC0005/LB1119N)	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 11/14	1.000 EA
NP1256L	ALUM UL CSA CC	1.000 EA
34PA1002	PKG GRP, PRINT PK1001A01	1.000 EA

AC Induction Motor Performance Data

Record # 36353 - Typical performance - not guaranteed values

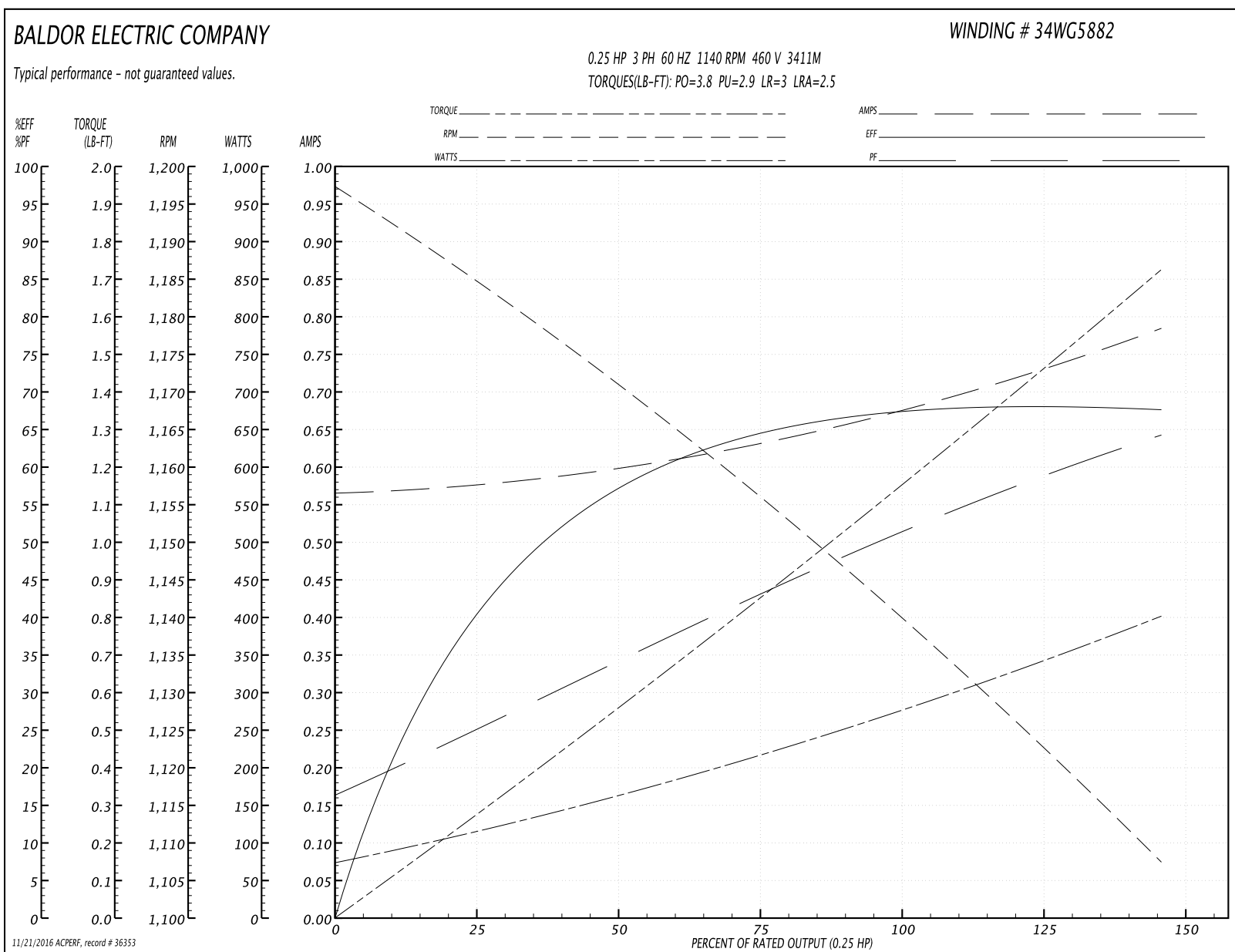
Winding: 34WG5882-R016	Type: 3411M	Enclosure: TEAO
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Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	.25			Full Load Torque	1.15 LB-FT
Volts	230/460			Start Configuration	direct on line
Full Load Amps	1.4/.7			Breakdown Torque	3.8 LB-FT
R.P.M.	1140			Pull-up Torque	2.9 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	3 LB-FT
NEMA Design Code	B	KVA Code	K	Starting Current	2.5 A
Service Factor (S.F.)	1			No-load Current	0.57 A
NEMA Nom. Eff.	68	Power Factor	51	Line-line Res. @ 25°C	80.7 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	41°C
				Locked-rotor Power Factor	69
				Rotor inertia	0.0261 LB-FT ²

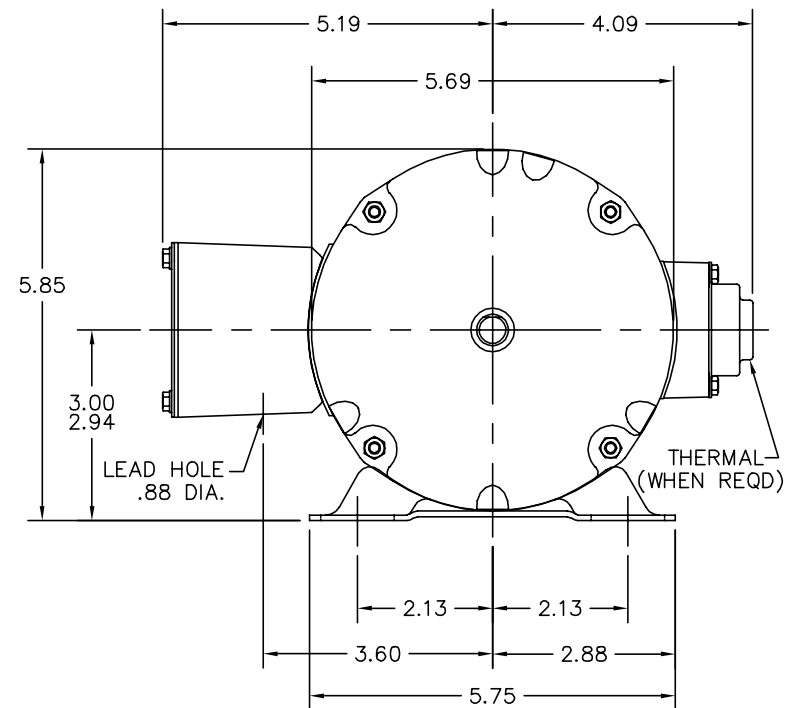
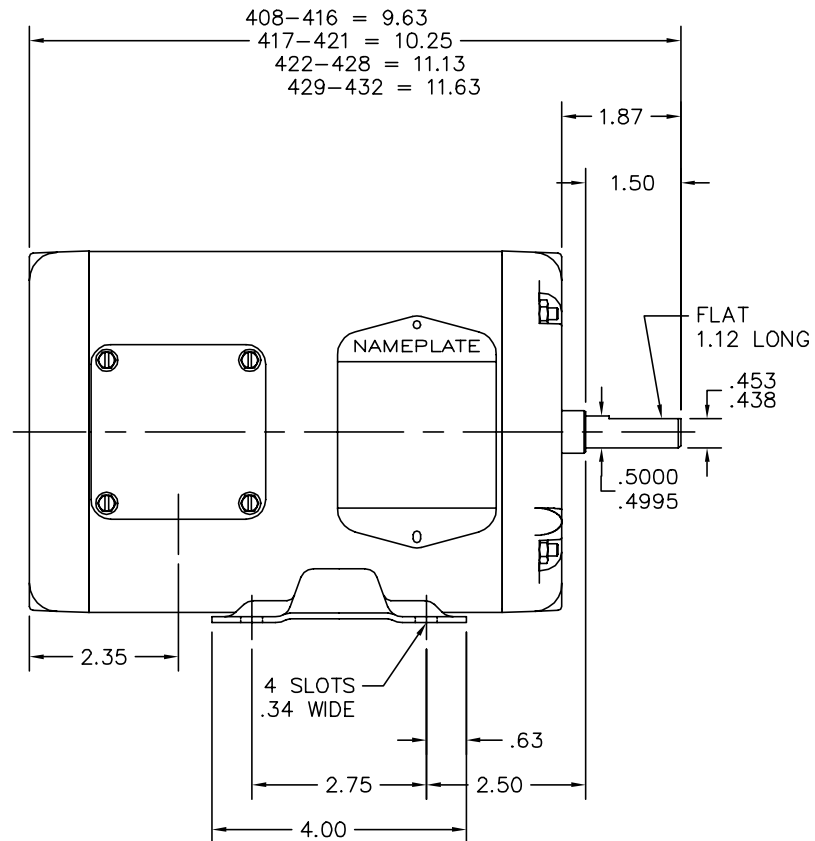
Load Characteristics 460 V, 60 Hz, 0.25 HP

% of Rated Load	25	50	75	100	125	150
Power Factor	24	34	43	51	58	61
Efficiency	44	57	64	67.4	68	67.7
Speed	1184	1171	1157	1139	1122	1109
Line amperes	0.57	0.6	0.63	0.68	0.73	0.78

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



34LYK099



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

660X17C

FILE: \AAA\00026\163

REVISED: 07: 24: 22 02/28/2005

MTL: -

BY: ENROSTO

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