

BALDOR® • RELIANCE

Product Information Packet

AOM3538

.5HP,1725RPM,3PH,60HZ,56,3413M,TEAO,F1

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Part Detail									
Revision:	N	Status:	PRD/A	Change #:		Proprietary:	No		
Type:	AC	Prod. Type:	3413M	Elec. Spec:	34WGW138	CD Diagram:			
Enclosure:	TEAO	Mfg Plant:		Mech. Spec:	34T045	Layout:			
Frame:	56	Mounting:	F1	Poles:	04	Created Date:			
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	03-23-2011		
Leads:	9#18 36" LG	Literature:	Y	Elec. Diagram:		Replaced By:			
Nameplate NP1256L									
CAT.NO.	AOM3538								
SPEC.	34T45W138								
HP	.5 AIR OVER								
VOLTS	208-230/460								
AMP	2.4-2.2/1.1								
RPM	1725								
FRAME	56	HZ			60	PH	3		
SER.F.	1.00	CODE			L	DES	B	CLASS	F
NEMA-NOM-EFF	70	PF			60				
RATING	40C AMB-CONT								
CC		USABLE AT 208V			2.4				
DE	6203	ODE			6203				
ENCL	TEAO	SN							
	1000 FPM AT 44 CFM								

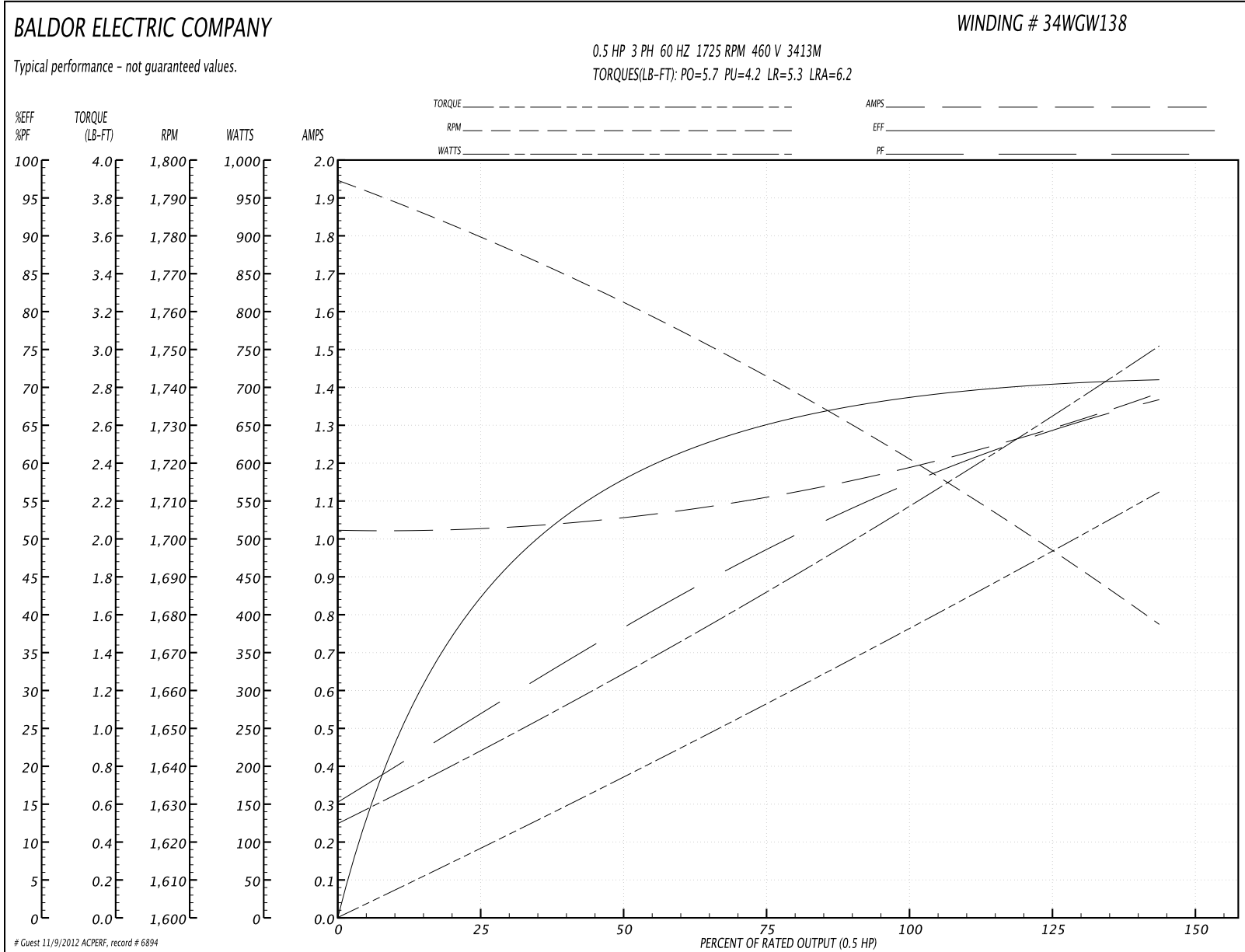
Parts List		
Part Number	Description	Quantity
SA007562	SA 34T45W138	1.000 EA
RA004100	RA 34T45W138	1.000 EA
NS2512A01	INSULATOR, CONDUIT BOX X	1.000 EA
34CB3002A	CB CAST W/.88 DIA HOLE	1.000 EA
34GS1029A01	GASKET, CONDUIT BOX	1.000 EA
51XB1016A07	10-16 X 7/16 HXWSSLD SERTYB	2.000 EA
11XW1032G06	10-32 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
HW2501D13SP	KEY, 3/16 SQ X 1.375	1.000 EA
HA7000A04	KEY RETAINER 0.625 DIA SHAFTS	1.000 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

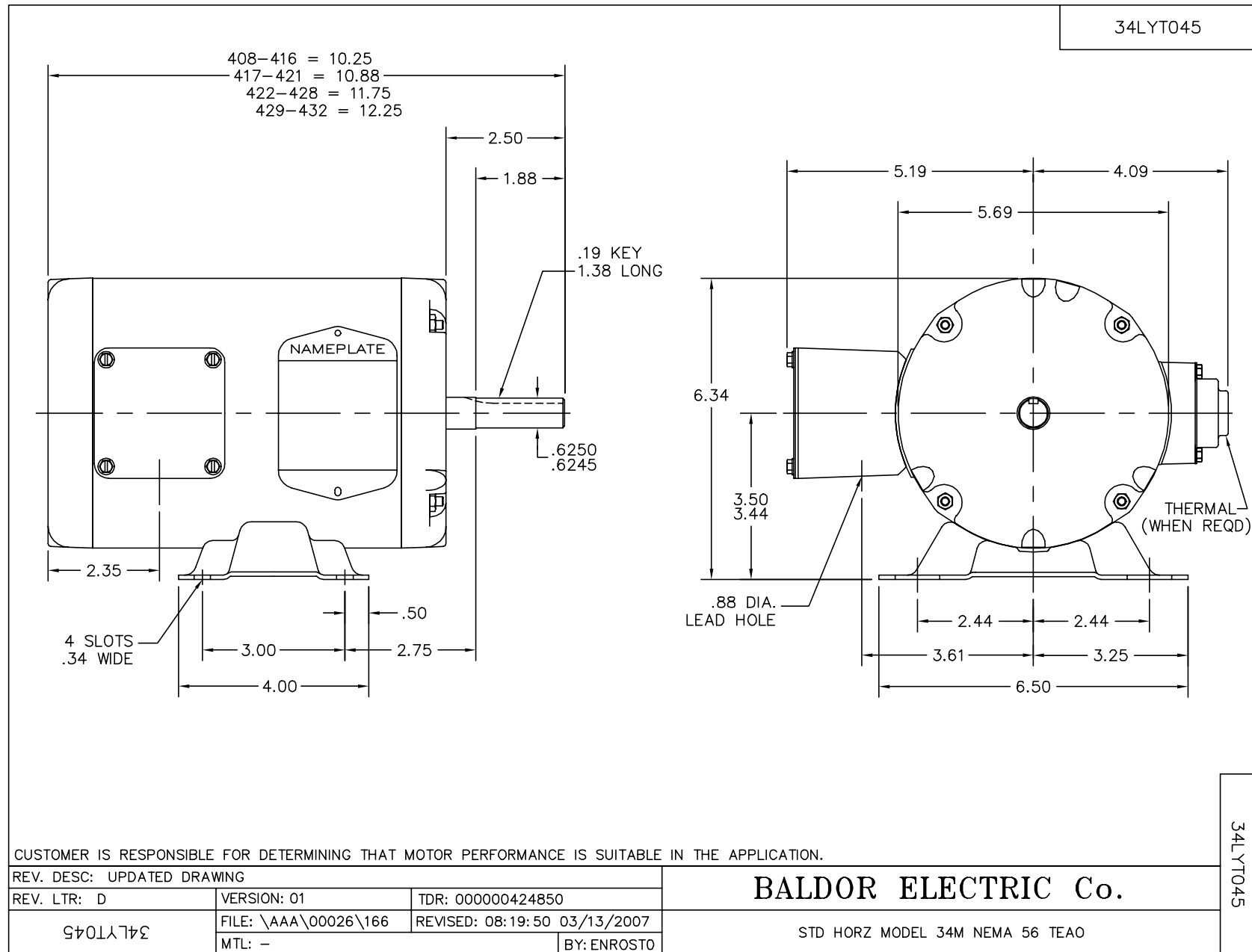
Accessories		
Part Number	Description	Multiplier
34-171	C FACE KIT	A8

Performance Data at 460V, 60Hz, 0.5HP (Typical performance - Not guaranteed values)

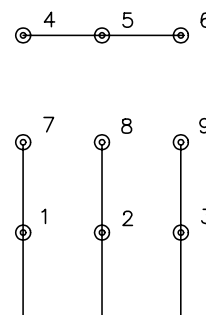
General Characteristics							
Full Load Torque:		1.5 LB-FT		Start Configuration:		DOL	
No-Load Current:		1.02 Amps		Break-Down Torque:		5.7 LB-FT	
Line-line Res. @ 25°C.:		35.4 Ohms A Ph / 0.0 Ohms B Ph		Pull-Up Torque:		4.2 LB-FT	
Temp. Rise @ Rated Load:		70 C		Locked-Rotor Torque:		5.3 LB-FT	
Temp. Rise @ S.F. Load:				Starting Current:		6.2 Amps	
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	27.0	38.0	48.0	57.0	65.0	71.0	0.0
Efficiency:	42.0	58.0	65.0	69.0	70.0	71.0	0.0
Speed:	1779.0	1762.0	1743.0	1723.0	1701.0	1677.0	0.0
Line Amperes:	1.03	1.06	1.11	1.18	1.27	1.39	0.0

Performance Graph at 460V, 60Hz, 0.5HP Typical performance - Not guaranteed values

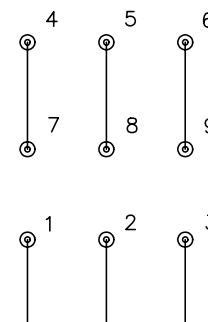




CD0005

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

9000D0

FILE: AAA00005140

MDL: -

MTL: -

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS

CD0005