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Product Information Packet

Betech 100pt Ltd

M3452

.17HP,1140RPM,3PH,60HZ,48,3408M,TEFC,F1

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Part Detail

Revision:	P	**Status:**	PRD/A	**Change #:**		**Proprietary:**	No
Type:	AC	**Prod. Type:**	3408M	**Elec. Spec:**	34WGW011	**CD Diagram:**	
Enclosure:	TEFC	**Mfg Plant:**		**Mech. Spec:**	34A051	**Layout:**	
Frame:	48	**Mounting:**	F1	**Poles:**	06	**Created Date:**	
Base:	RG	**Rotation:**	R	**Insulation:**	B	**Eff. Date:**	07-19-2007
Leads:	9#18	**Literature:**		**Elec. Diagram:**		**Replaced By:**	

Nameplate NP1256L

CAT.NO.	M3452							
SPEC.	34A51W11							
HP	.17							
VOLTS	230/460							
AMP	1.1/.55							
RPM	1140							
FRAME	48	**HZ**	60	**PH**	3			
SER.F.	1.35	**CODE**	K	**DES**	B	**CLASS**	B	
NEMA-NOM-EFF	57.5	**PF**	49					
RATING	40C AMB-CONT							
CC		**USABLE AT 208V**	1.3					
DE	6203	**ODE**	6203					
ENCL	TEFC	**SN**						
	SFA 1.2/.6							

Parts List

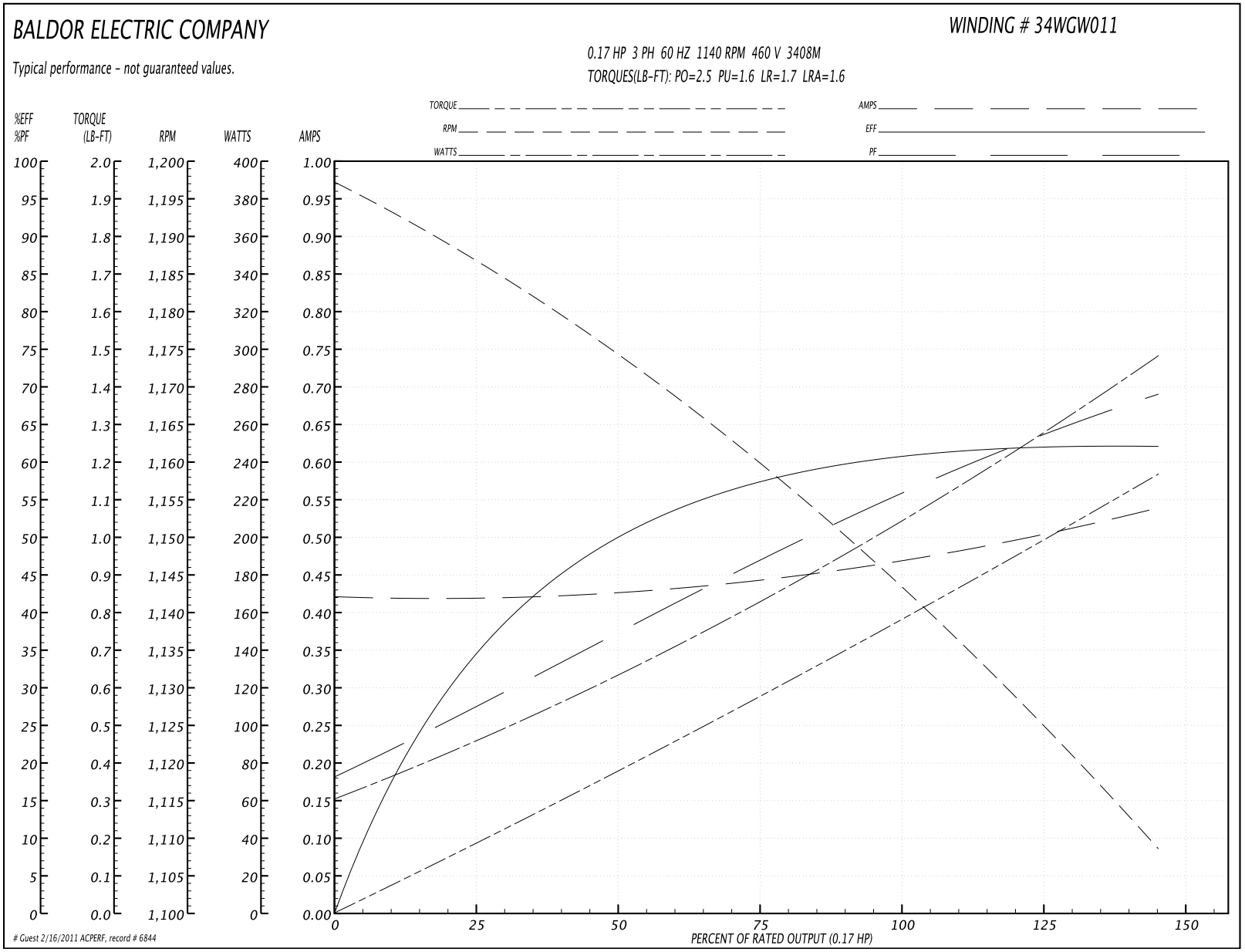
Part Number	Description	Quantity
SA009763	SA 34A51W11	1.000 EA
RA006208	RA 34A51W11	1.000 EA
NS2512A01	INSULATOR, CONDUIT BOX X	1.000 EA
34CB3002A	CB CAST W/.88 DIA HOLE	1.000 EA
34GS1029A01	GASKET, CONDUIT BOX	1.000 EA
51XB1016A07	10-16 X 7/16 HXWSSLD SERTYB	2.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
34EP3102A01SP	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
34FN3002A01SP	EXTERNAL FAN, PLASTIC, .637/.639 HUB W/	1.000 EA
34FH4002A01SP	IEC FH NO GREASER	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	3.000 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, W/O THERMAL, LASER	1.000 EA
34PA1002	PACKING GROUP, BALDOR	1.000 EA

Accessories

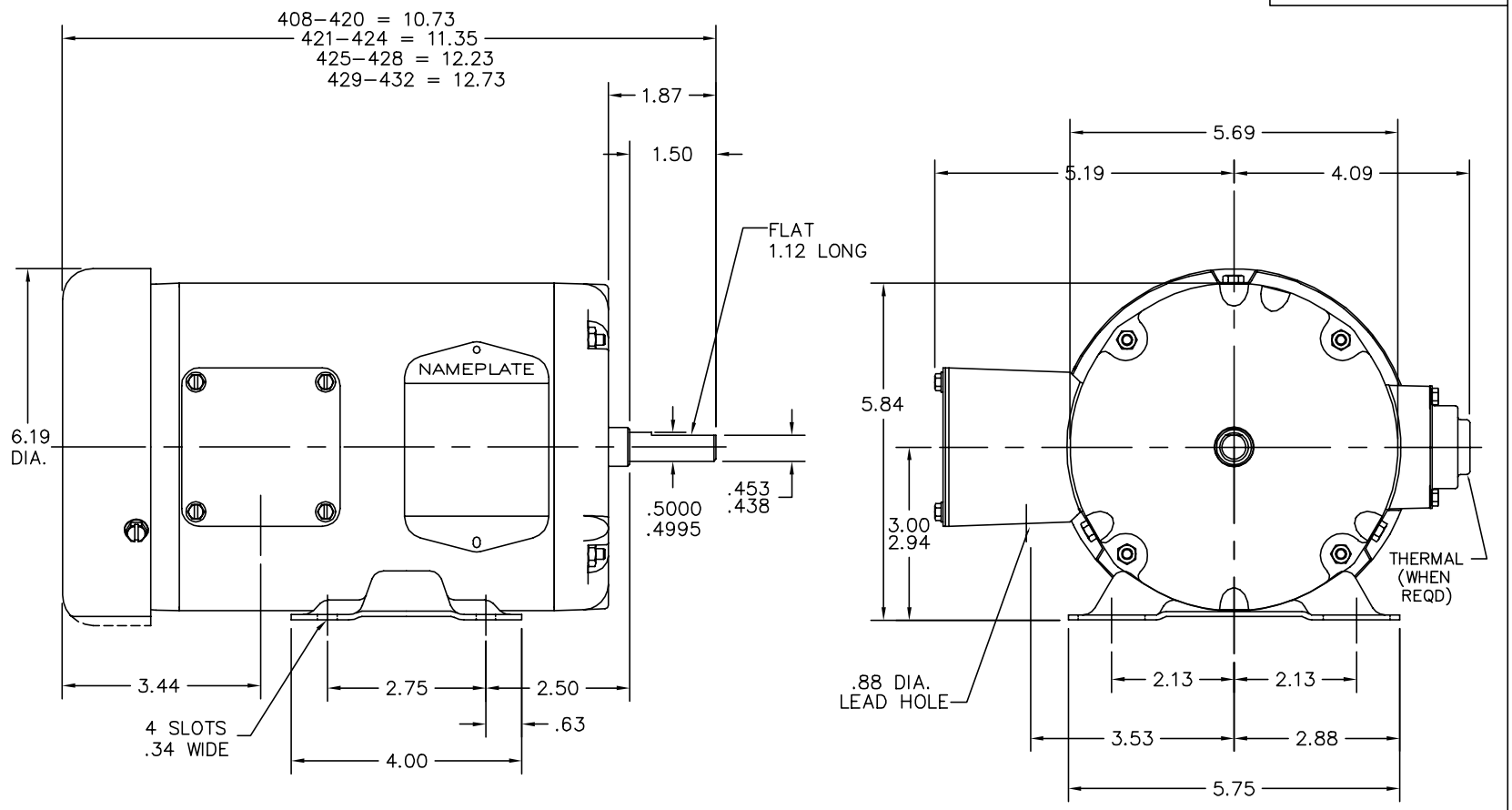
Part Number	Description	Multiplier
34-3900T	C-FACE KIT	

Performance Data at 460V, 60Hz, 0.17HP (Typical performance - Not guaranteed values)							
General Characteristics							
Full Load Torque:	0.78 LB-FT			**Start Configuration:**		DOL	
No-Load Current:	0.42 Amps			**Break-Down Torque:**		2.5 LB-FT	
Line-line Res. @ 25°C.:	158.0 Ohms A Ph / 0.0 Ohms B Ph			**Pull-Up Torque:**		1.6 LB-FT	
Temp. Rise @ Rated Load:	38 C			**Locked-Rotor Torque:**		1.7 LB-FT	
Temp. Rise @ S.F. Load:	48 C			**Starting Current:**		1.6 Amps	
Load Characteristics							
% of Rated Load	**25**	**50**	**75**	**100**	**125**	**150**	**S.F.**
Power Factor:	28.0	38.0	47.0	55.0	63.0	68.0	66.0
Efficiency:	35.0	50.0	58.0	61.0	62.0	62.0	62.4
Speed:	1185.0	1174.0	1159.0	1144.0	1127.0	1108.0	1120.0
Line Amperes:	0.42	0.43	0.44	0.47	0.5	0.54	0.51

Performance Graph at 460V, 60Hz, 0.17HP Typical performance - Not guaranteed values



34LYA051

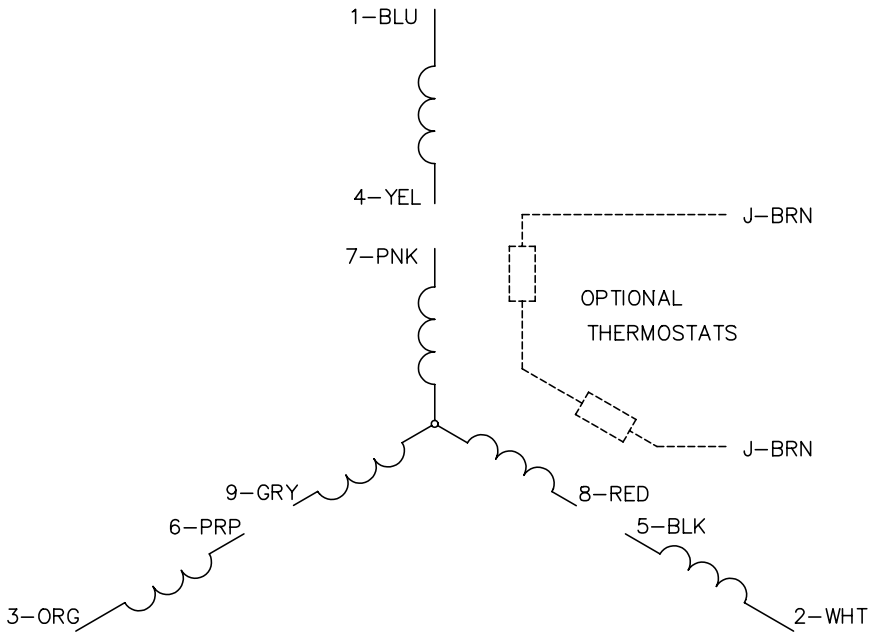


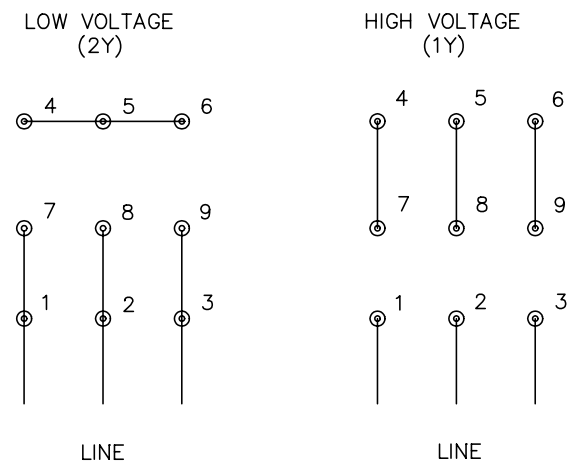
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT MOTOR PERFORMANCE IS SUITABLE IN THE APPLICATION.

REV. DESC: DIM: KOBX LOC FROM ODE TO THE CENTERLINE OF KOBX			BALDOR ELECTRIC Co.
REV. LTR: H	VERSION: 01	TDR: 000000386903	
34LYA051	FILE: \AAA\00006\622	REVISED: 11:25:37 01/26/2006	STD HORZ 34M NEMA 48 TEFC
	MTL: –	BY: ENMARW1	

34LYA051

CD0005





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.

CD0005

REV. DESC: REVISE TO SHOW OPTIONAL COLORS			BALDOR ELECTRIC Co.
REV. LTR: E	BY: JLP	REVISED: 01/19/99 10:15	TDR: 0171435
CD0005		FILE: AAA00005140	MDL: –
		MTL: –	3PH, DV, 9 LEADS