

BALDOR® • RELIANCE

Product Information Packet

M3153T

.75HP,1140RPM,3PH,60HZ,143T,3428M,OPEN

Part Detail							
Revision:	N	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3428M	Elec. Spec:	34WGW012	CD Diagram:	CD0005
Enclosure:	OPEN	Mfg Plant:		Mech. Spec:	34-3482	Layout:	34LY3482
Frame:	143T	Mounting:	F1	Poles:	06	Created Date:	
Base:	RG	Rotation:	R	Insulation:	B	Eff. Date:	05-31-2016
Leads:	9#18					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1256L

CAT.NO.	M3153T											
SPEC.	34-3482W12											
HP	.75											
VOLTS	230/460											
AMP	3-1.5											
RPM	1140											
FRAME	143T				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	6205				ODE		6203					
ENCL	OPEN		SN									

Parts List		
Part Number	Description	Quantity
SA008824	SA 34-3482W12	1.000 EA
RA005271	RA 34-3482W12	1.000 EA
NS2512A01	INSULATOR, CONDUIT BOX X	1.000 EA
34CB3002A	CB CAST W/.88 DIA HOLE	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
34EP3200A01SP	FR ENDPLATE, MACH	1.000 EA
HW5100A03SP	WAVY WASHER (W1543-017)	1.000 EA
34EP3904A01	PU ENDPLATE, CAST	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
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 EA
HW2501D13	KEY, 3/16 SQ X 1.375	1.000 EA
HA7000A01	KEY RETAINER 7/8" DIA SHAFT	1.000 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
HA3100A38	THRUBOLT 10-32 X 9.375	4.000 EA
LC0005E01	CONN.DIA./WARNING LABEL (LC0005/LB1119N)	1.000 EA
NP1256L	ALUM UL CSA CC	1.000 EA
35PA1000	PKG GRP, PRINT PK1008A06	1.000 EA

Accessories		
Part Number	Description	Multiplier
34-3903A	C FACE KIT	A8

AC Induction Motor Performance Data

Record # 57255 - Typical performance - not guaranteed values

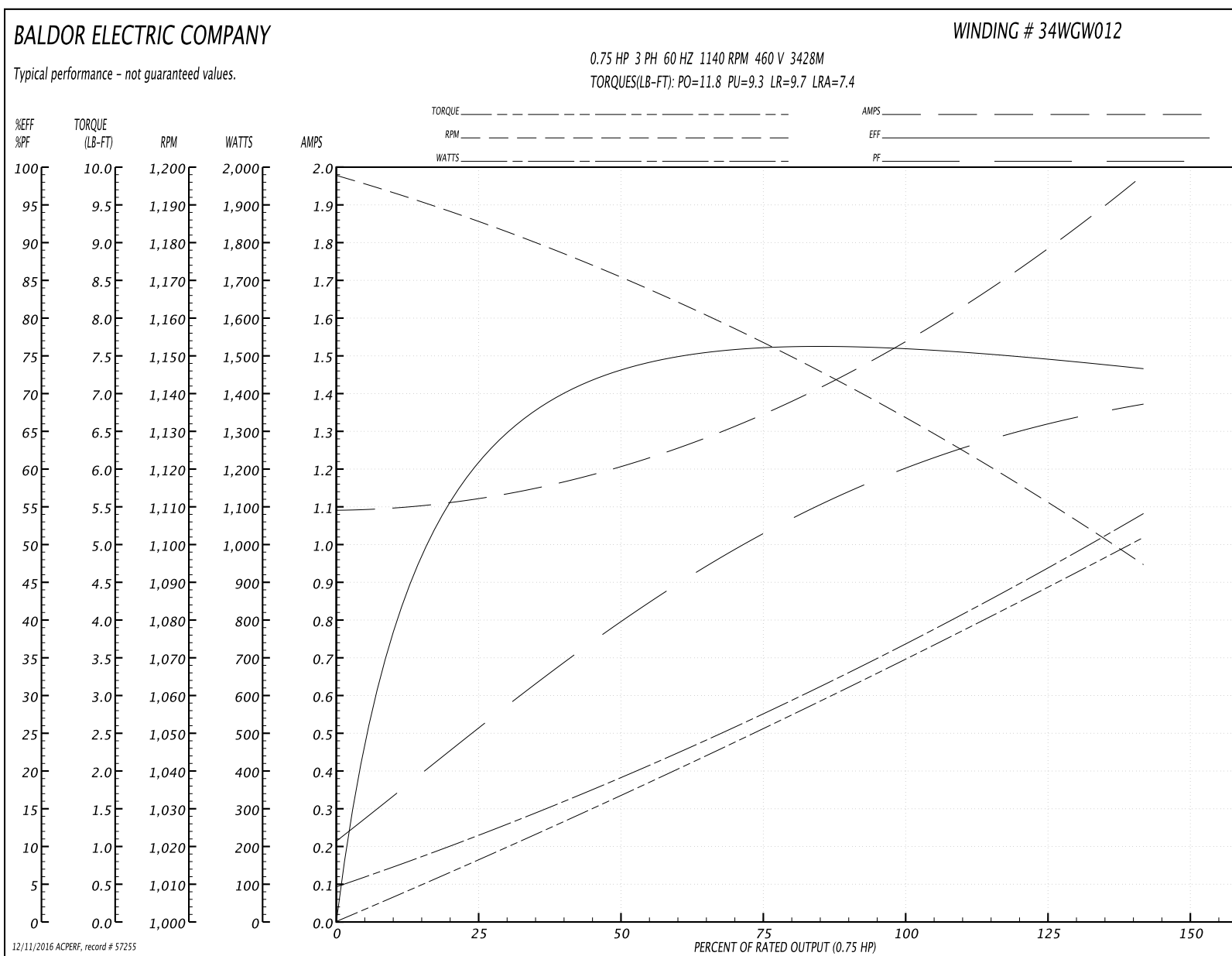
Winding: 34WGW012-R038	Type: 3428M	Enclosure: OPEN
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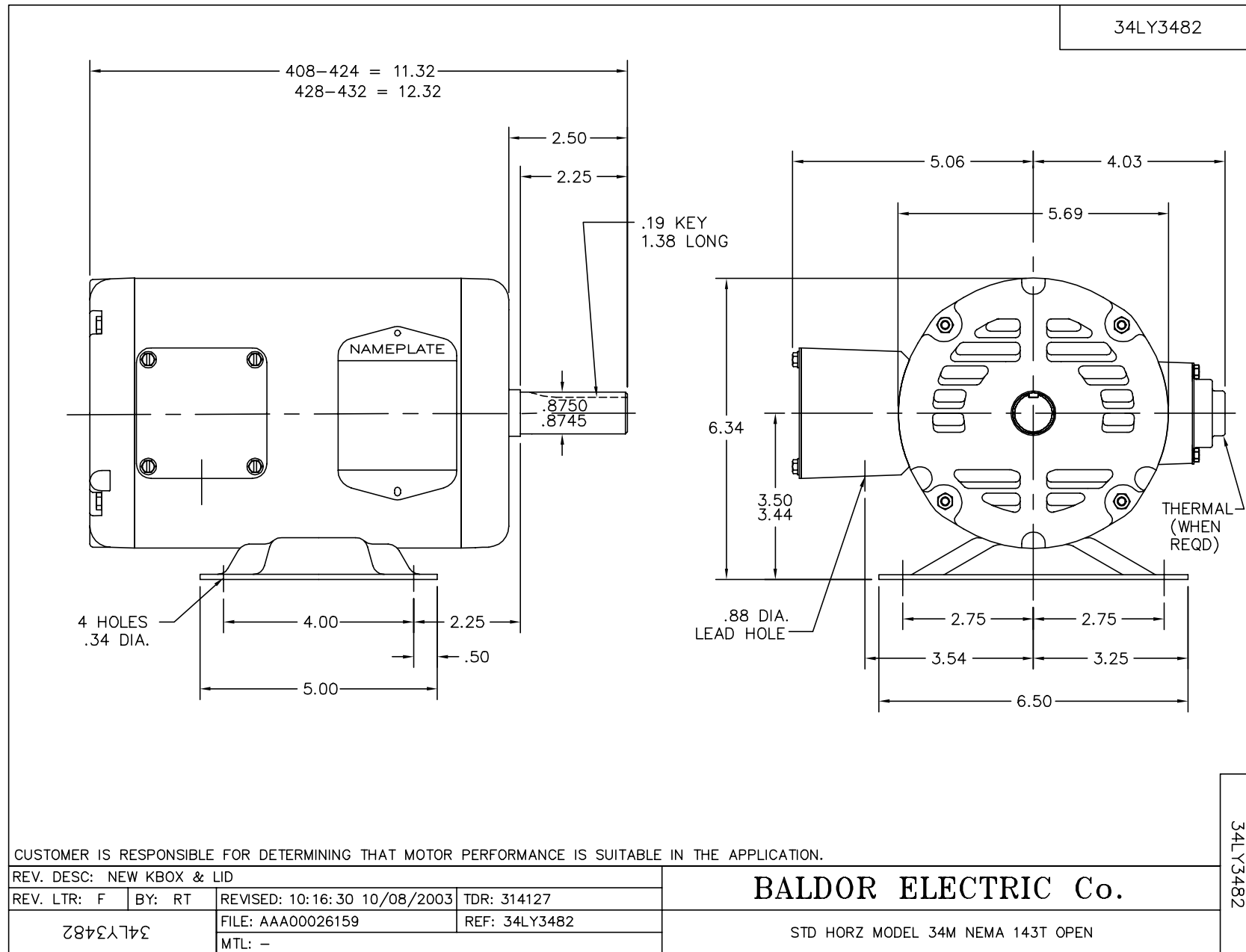
Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	.75			Full Load Torque	3.4 LB-FT
Volts	230/460			Start Configuration	direct on line
Full Load Amps	3-1.5			Breakdown Torque	11.8 LB-FT
R.P.M.	1140			Pull-up Torque	9.3 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	9.7 LB-FT
NEMA Design Code	B	KVA Code	K	Starting Current	7.4 A
Service Factor (S.F.)	1.15			No-load Current	1.1 A
NEMA Nom. Eff.	77	Power Factor	59	Line-line Res. @ 25°C	21.9 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	62°C
S.F. Amps				Temp. Rise @ S.F. Load	75°C
				Locked-rotor Power Factor	55.5

Load Characteristics 460 V, 60 Hz, 0.75 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	26	40	51	59	65	68	63
Efficiency	60	72	76	77	75	73	76
Speed	1185	1170	1155	1135	1115	1095	1125
Line amperes	1.1	1.2	1.4	1.5	1.7	2	1.6

Performance Graph at 460V, 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

900000

FILE: AAA00005140

MDL: -

MTL: -

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS

CD0005