

BALDOR® • **RELIANCE**

Product Information Packet

NM3534

.33HP, 1725RPM, 3PH, 60HZ, 56, 3416M, TENV, F1

Copyright © All product information within this document is subject to Baldor Electric Company copyright © protection, unless otherwise noted.

Part Detail							
Revision:	N	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3416M	Elec. Spec:	34WG0116	CD Diagram:	
Enclosure:	TENV	Mfg Plant:		Mech. Spec:	34A076	Layout:	
Frame:	56	Mounting:	F1	Poles:	04	Created Date:	
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	03-23-2011
Leads:	9#18	Literature:		Elec. Diagram:		Replaced By:	

Nameplate NP1256L									
CAT.NO.	NM3534								
SPEC.	34A76-116G1								
HP	.33								
VOLTS	230/460								
AMP	1.4/.7								
RPM	1725								
FRAME	56	HZ	60	PH	3				
SER.F.	1.35	CODE	K	DES	B	CLASS	F		
NEMA-NOM-EFF	70	PF	64						
RATING	40C AMB-CONT								
CC				USABLE AT 208V	1.55				
DE	6203	ODE	6203						
ENCL	TENV	SN							
	SFA 1.5/.75								

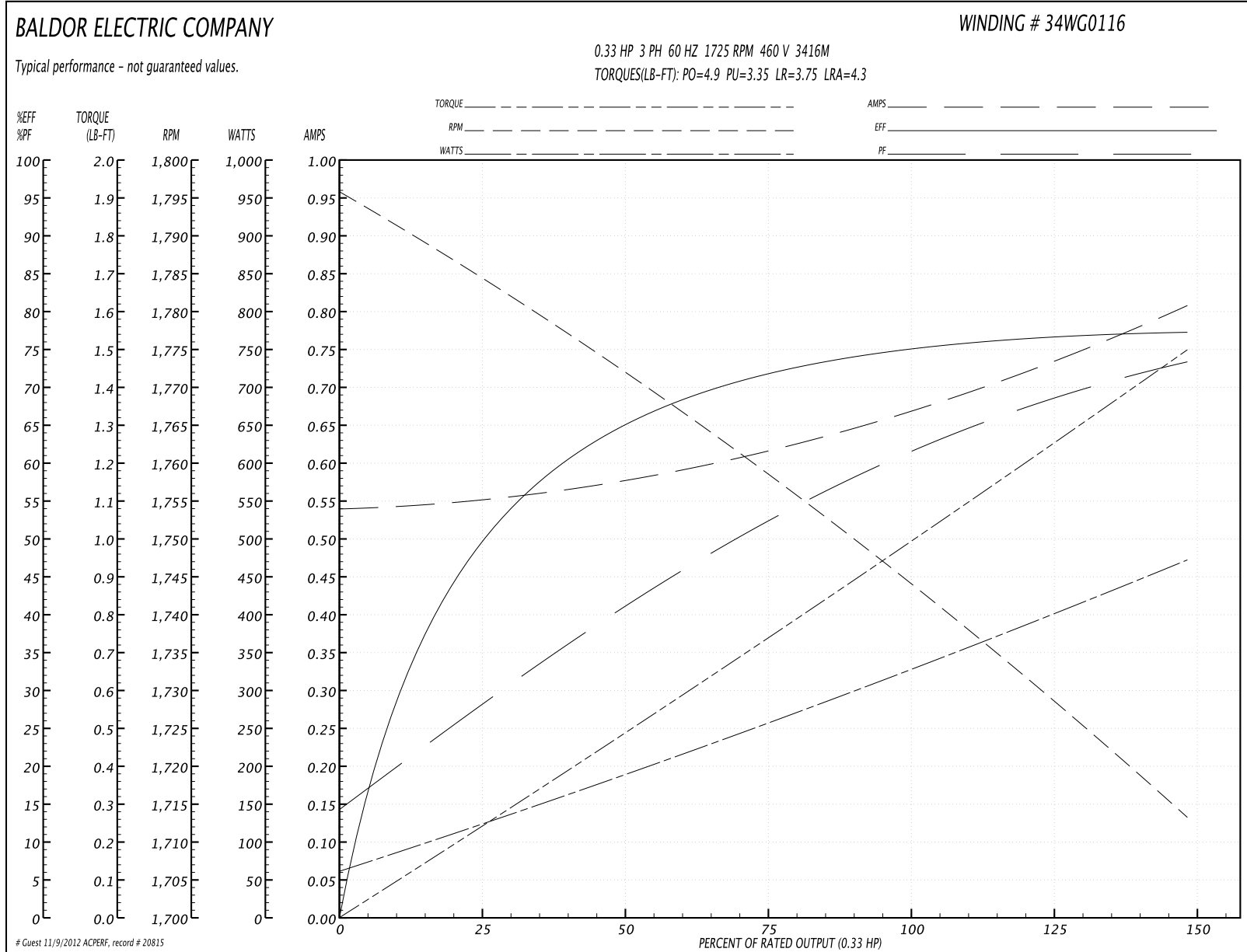
Parts List		
Part Number	Description	Quantity
SA009931	SA 34A76-116G1	1.000 EA
RA006376	RA 34A76-116G1	1.000 EA
NS2512A01	INSULATOR, CONDUIT BOX X	1.000 EA
34CB3002A	CB CAST W/.88 DIA HOLE	1.000 EA
34GS1029A01	GASKET, CONDUIT BOX	1.000 EA
51XB1016A07	10-16 X 7/16 HXWSSLD SERTYB	2.000 EA
11XW1032G06	10-32 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
LB5040	INSTRUCTION TAG, AC & DC	1.000 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

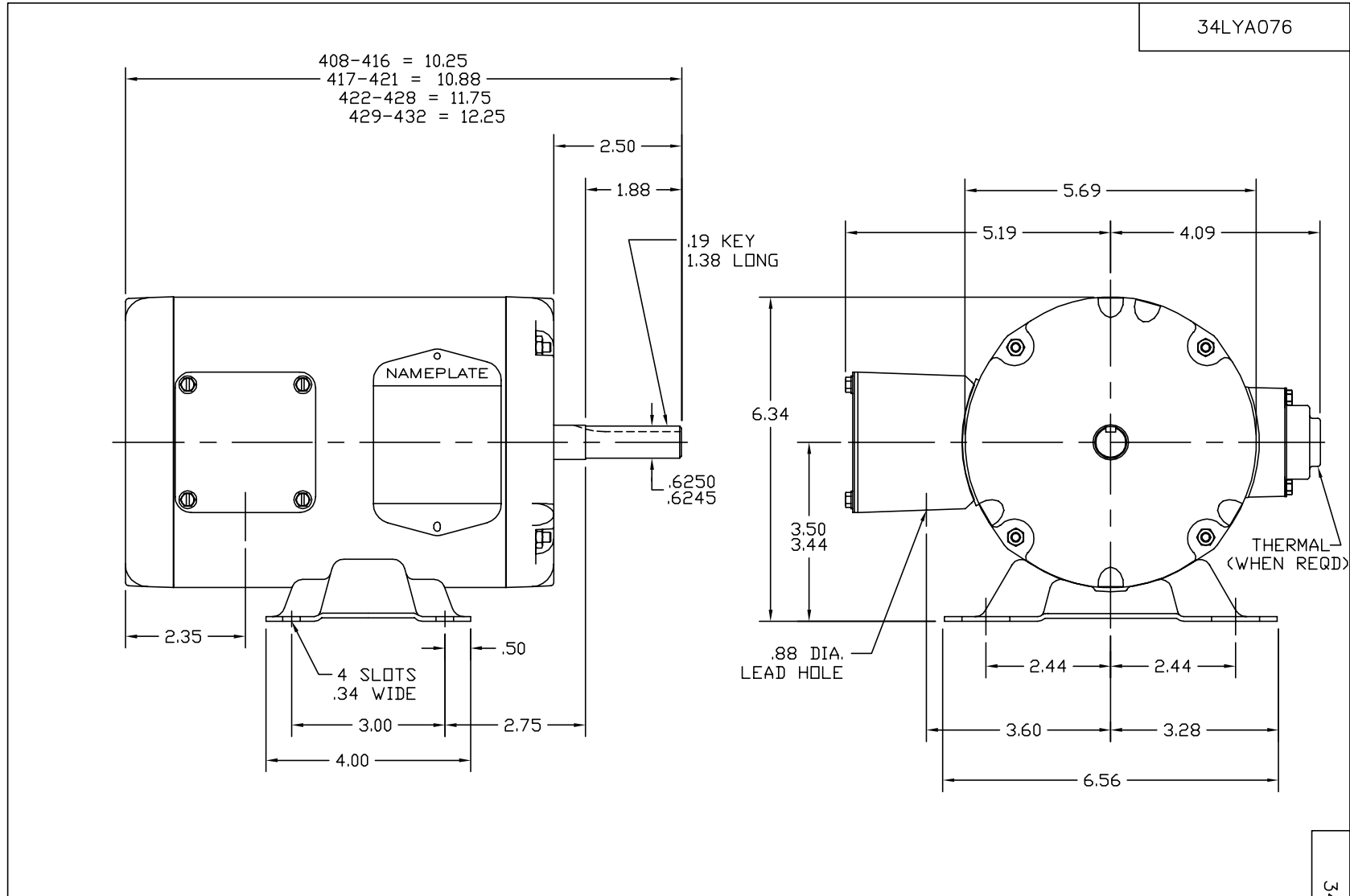
Accessories		
Part Number	Description	Multiplier
34-171	C FACE KIT	A8

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

General Characteristics							
Full Load Torque:	1.0 LB-FT			Start Configuration:	DOL		
No-Load Current:	0.54 Amps			Break-Down Torque:	4.9 LB-FT		
Line-line Res. @ 25°C.:	39.4 Ohms A Ph / 0.0 Ohms B Ph			Pull-Up Torque:	3.35 LB-FT		
Temp. Rise @ Rated Load:	60 C			Locked-Rotor Torque:	3.75 LB-FT		
Temp. Rise @ S.F. Load:	74 C			Starting Current:	4.3 Amps		
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	28.0	41.0	52.0	61.0	68.0	73.0	70.0
Efficiency:	50.0	65.0	72.0	75.5	77.0	77.0	77.0
Speed:	1784.0	1771.0	1758.0	1744.0	1729.0	1713.0	1723.0
Line Amperes:	0.55	0.58	0.62	0.67	0.73	0.81	0.762

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





34LYA076

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

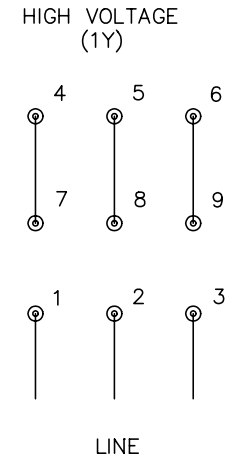
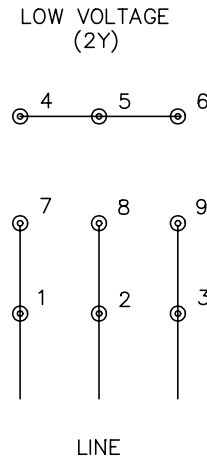
REV. DESC: UPDATED KBOX, LID & BASE			
REV. LTR: C	VERSION: 01	TDR: 00000378854	
34LYA076	FILE: \AAA\00026\165	REVISED: 11:23:39 10/17/2005	
	MTL: -	BY: ENROSTO	

BALDOR ELECTRIC Co.

STD HORZ MODEL 34M NEMA 56 TENV

34LYA076

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.

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