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Product Information Packet

H3M9101

.5HP,3450RPM,3PH,60HZ,56,3410M,TEFC,F3

Part Detail							
Revision:	F	Status:	INA/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3410M	Elec. Spec:	34WG0232	CD Diagram:	CD0005
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	34J282	Layout:	34LYJ282
Frame:	56	Mounting:	F3	Poles:	02	Created Date:	
Base:	RG	Rotation:	R	Insulation:	B	Eff. Date:	09-23-2015
Leads:	9#18					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1889A01

CAT.NO.										
SPEC.	34J282-0232									
HP	.5									
VOLTS	230/460									
AMPS	2/1									
RPM	3450									
FRAME	56					HZ	60		PH	3
SER.F.	1.25		CODE	L	DES	B	CL	B		
NEMA-NOM-EFF	68		PF	63						
RATING	40C AMB-CONT									
CC						USABLE AT 200V	2.6			
DE	6203					ODE	6203			
AUTO	N		MANUAL	N		NONE	Y			
ENCL	TEFC		SN							
BLANK	SFA 2.4/1.2									

Parts List		
Part Number	Description	Quantity
SA085097	SA 34J282-0232	1.000 EA
RA078240	RA 34J282-0232	1.000 EA
NS2512A01	INSULATOR, CONDUIT BOX X	1.000 EA
WD4100A01	DP-875 HEYCO PLUG OR 62MP0875 MICRO PLAS	1.000 EA
34CB3002A05	CB W/.88 DIA @ 12 & .88 DIA @ 6	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
HW5100A03	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
34FH4002A01	IEC FH NO GREASER PRIMED	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
HW2501D13	KEY, 3/16 SQ X 1.375	1.000 EA
HA7000A04	KEY RETAINER 0.625 DIA SHAFTS	1.000 EA
HA3100A12	THRUBOLT 10-32 X 7.375	4.000 EA
MG1000G55	PAINT,WILKO 682.62 LACQUER LIGHT GRAY	0.014 GA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 11/14	1.000 EA
LB1119N	WARNING LABEL	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
NP1889A01	NP LABEL W/CD0005 (FOR HVAC MOTOR)	1.000 EA
35PA1000	PKG GRP, PRINT PK1008A06	1.000 EA
LB1417	LABEL CARTON 6X4 PERFORATED BLANK ROLLS	1.000 EA

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

AC Induction Motor Performance Data

Record # 6559 - Typical performance - not guaranteed values

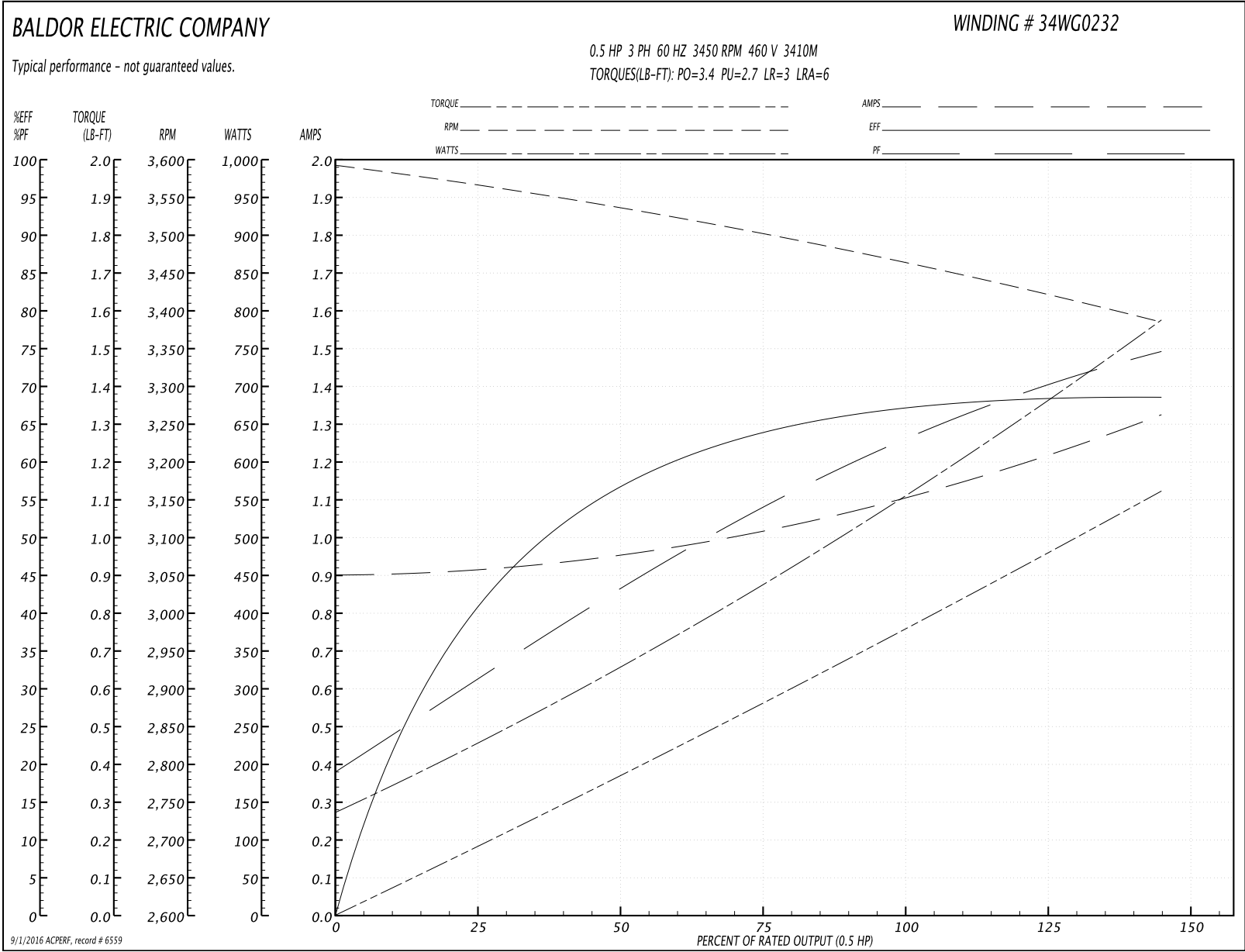
Winding: 34WG0232-R001	Type: 3410M	Enclosure: TEFC
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Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	.5			Full Load Torque	0.75 LB-FT
Volts	230/460			Start Configuration	direct on line
Full Load Amps	2/1			Breakdown Torque	3.4 LB-FT
R.P.M.	3450			Pull-up Torque	2.7 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	3 LB-FT
NEMA Design Code	B	KVA Code	L	Starting Current	6 A
Service Factor (S.F.)	1.25			No-load Current	0.9 A
NEMA Nom. Eff.	68	Power Factor	63	Line-line Res. @ 25°C	35.1 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	58°C
S.F. Amps	2.4/1.2			Temp. Rise @ S.F. Load	69°C
				Rotor inertia	0.0093 LB-FT ²

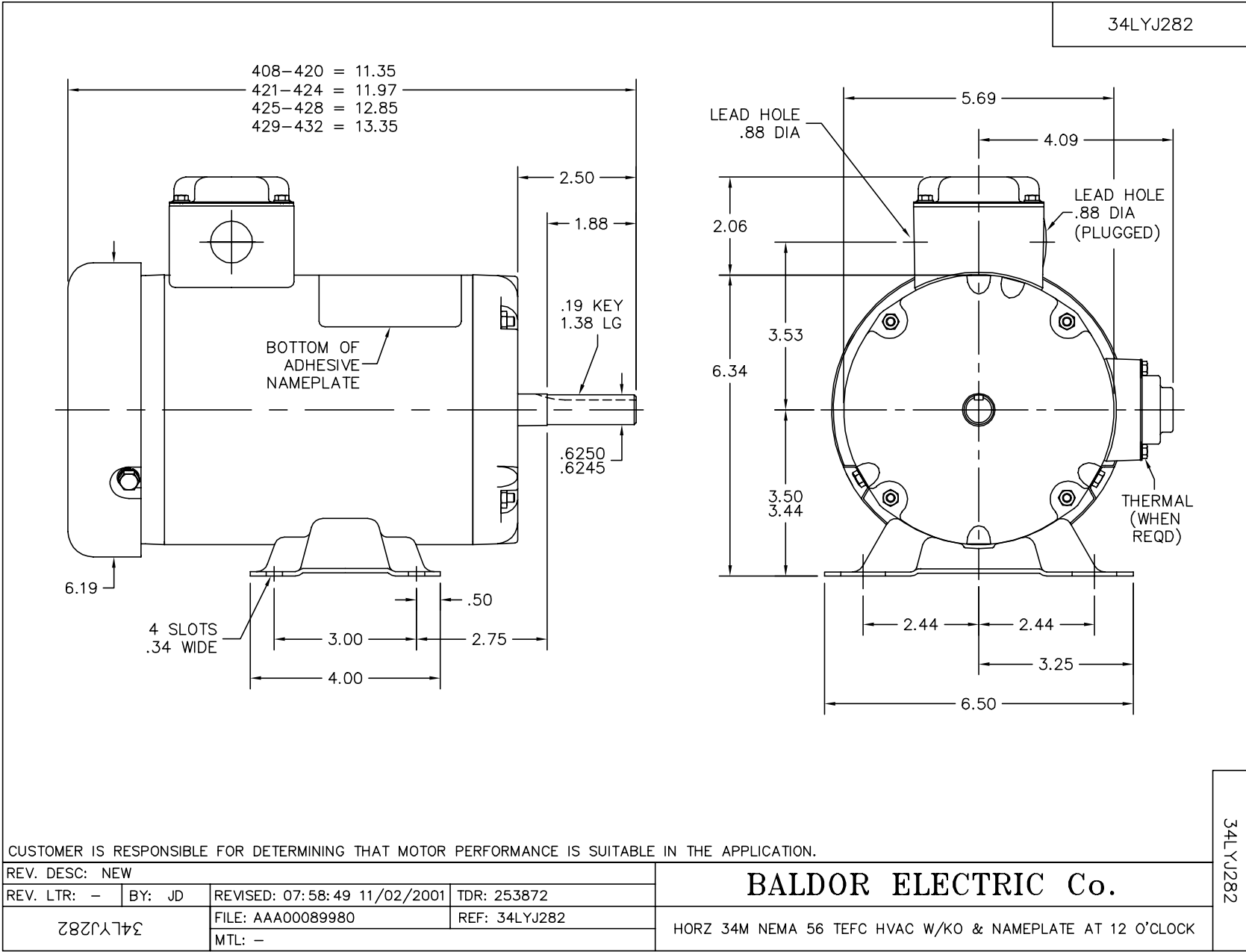
Load Characteristics 460 V, 60 Hz, 0.5 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	33	44	56	64	70	77	70
Efficiency	41.4	56.3	64	67.2	68.4	68.5	68.4
Speed	3563	3535	3501	3466	3432	3381	3432
Line amperes	0.91	0.97	1.01	1.1	1.2	1.33	1.2

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



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