

BALDOR® • RELIANCE

Product Information Packet

JMM3155T

2HP,3450RPM,3PH,60HZ,145JM,3522M,OPSB,F1

Part Detail							
Revision:	E	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3522M	Elec. Spec:	35WGT478	CD Diagram:	CD0005
Enclosure:	OPSB	Mfg Plant:		Mech. Spec:	35NN833	Layout:	35LYNN833
Frame:	145JM	Mounting:	F1	Poles:	02	Created Date:	05-25-2010
Base:	RG	Rotation:	R	Insulation:	B	Eff. Date:	10-07-2013
Leads:	9#18					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1256L									
CAT.NO.	JMM3155T								
SPEC.	35NN833T478H1								
HP	2								
VOLTS	208-230/460								
AMP	5.6-5.2/2.6								
RPM	3450								
FRAME	145JM	HZ			60	PH		3	
SER.F.	1.15	CODE			K	DES		B	CLASS
NEMA-NOM-EFF	84	PF			87				
RATING	40C AMB-CONT								
CC	010A	USABLE AT 208V			5.6				
DE	6206	ODE			6203				
ENCL	OPSB	SN							

Parts List		
Part Number	Description	Quantity
SA197014	SA 35NN833T478H1	1.000 EA
RA184453	RA 35NN833T478H1	1.000 EA
NS2512A01	INSULATOR, CONDUIT BOX X	1.000 EA
35CB3005	CB CAST, W/1.09 DIA. LEAD 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
35EP3201A01	STD FR ENDPLATE-OPEN-203 BRG W/GREASER	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
HW5100A03SP	WAVY WASHER (W1543-017)	1.000 EA
HA1100A03	SCREEN, RODENT	1.000 EA
51XT1032A04	10-32X1/4 HX WA SL SR TYT (F/S)	4.000 EA
35EP3401A03	PU ENDPLATE -OPEN W/SCREENS & GREASER W/	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
51XN1032A20	10-32 X 1 1/4 HX WS SL SR	2.000 EA
HA1102A08	RODENT SCREEN 35 OPEN FACE MTD	1.000 EA
51XT1032A04	10-32X1/4 HX WA SL SR TYT (F/S)	4.000 EA
35CB4514	35 LIPPED CB LID	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 EA
HA1005A02SP	SLINGER, OD 2.00, ID 1.14, 206 BRG,	1.000 EA
HW2501D13SP	KEY, 3/16 SQ X 1.375	1.000 EA
HA7000A01	KEY RETAINER 7/8" DIA SHAFT	1.000 EA
10XF0440S02	04-40 X 1/8 TYPE F HEX HD STAINLESS STIC	2.000 EA
HW3001B01	003SS CUP WASHER, FOR #8 SCREW	1.000 EA
HW1000A10	#10 FLAT WASHER (SAE)	4.000 EA

Parts List (continued)		
Part Number	Description	Quantity
MJ1000A75	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB
MG1000G27	MED CHARCOAL METALLIC GREY	0.017 GA
HA3100A14	THRUBOLT 10-32 X 7.875	4.000 EA
35AD2005A01	BAFFLE PLATE,MOD 35-SLTD BAND MTRS GL.F.	2.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 10/13	1.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA
LC0005E01	CONN.DIA./WARNING LABEL (LC0005/LB1119N)	1.000 EA
NP1256L	ALUM UL CSA CC	1.000 EA
36PA1000	PACK GROUP W/LB5001	1.000 EA
LB1506	LABEL "AMERICAN MADE" 1.50 X 1.00	1.000 EA

AC Induction Motor Performance Data

Record # 9420 - Typical performance - not guaranteed values

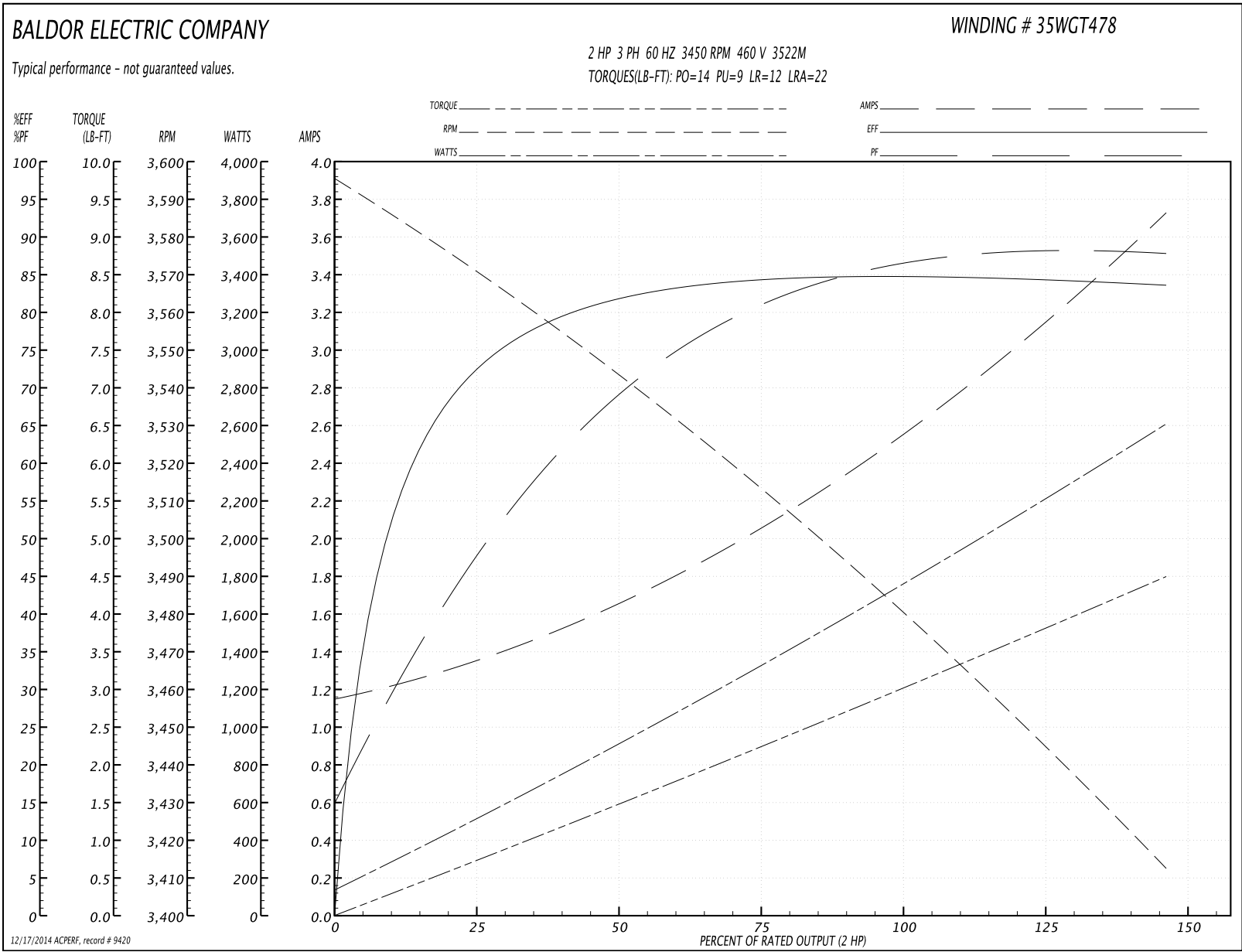
Winding: 35WGT478-R002	Type: 3522M	Enclosure: OPSB
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Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	2			Full Load Torque	3 LB-FT
Volts	208-230/460			Start Configuration	direct on line
Full Load Amps	5.6-5.2/2.6			Breakdown Torque	14 LB-FT
R.P.M.	3450			Pull-up Torque	9 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	12 LB-FT
NEMA Design Code	B	KVA Code	K	Starting Current	22 A
Service Factor (S.F.)	1.15			No-load Current	1.2 A
NEMA Nom. Eff.	84	Power Factor	87	Line-line Res. @ 25°C	7.99 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	26°C
S.F. Amps				Temp. Rise @ S.F. Load	35°C
				Rotor inertia	0.0603 LF ²

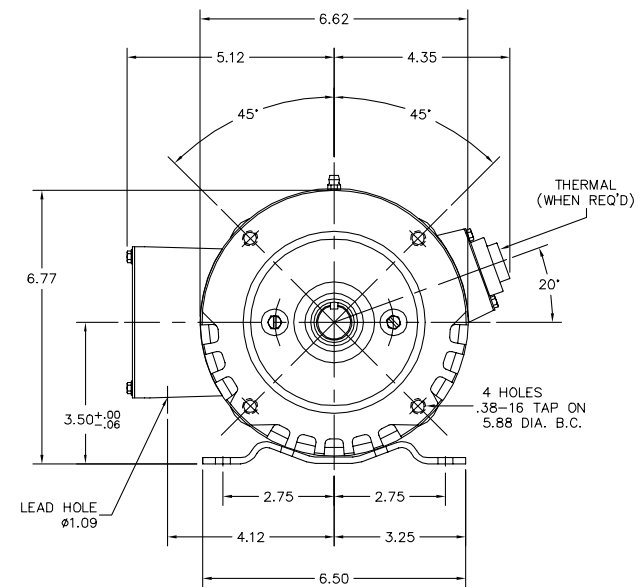
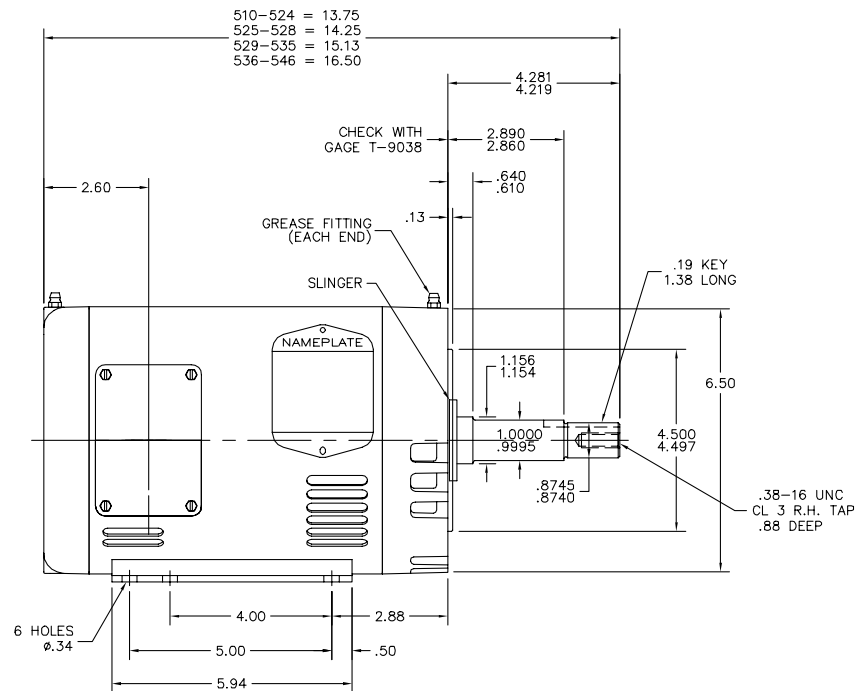
Load Characteristics 460 V, 60 Hz, 2 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	50	71	81	87	89	91	0
Efficiency	72.6	81.7	84.3	84.9	84.5	83.5	0
Speed	3570	3542	3513	3482	3448	3412	0
Line amperes	1.3	1.6	2.1	2.6	3.1	3.7	2.9

Performance Graph at 460V, 60Hz, 2.0HP Typical performance - Not guaranteed values



35LYNN833



CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.

REV. DESC: ADD 35AD2005A01 TO DRWG

REV. LTR: A

VERSION: 01

TDR: 000000724760

FILE: \AAA\00187\578

REVISED: 10:47:18 12/09/2011

MTL: -

BY: ENMICW1

BALDOR

HORZ 143-5JM OPSB 35M W/SCREENS, 1.09 LEAD HOLE & "W" BASE

SH 1 of 1

35LYNN833

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