

BALDOR® • RELIANCE

Product Information Packet

JMM3219T

7.5HP,3450RPM,3PH,60HZ,184JM,3627M,OPSB

Part Detail							
Revision:	B	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3627M	Elec. Spec:	36WGT849	CD Diagram:	CD0005
Enclosure:	OPSB	Mfg Plant:		Mech. Spec:	36H823	Layout:	36LYH823
Frame:	184JM	Mounting:	F1	Poles:	02	Created Date:	07-29-2010
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	10-08-2013
Leads:	9#16					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1256L									
CAT.NO.	JMM3219T								
SPEC.	36H823T849H1								
HP	7.5								
VOLTS	208-230/460								
AMP	18.8-17.4/8.7								
RPM	3450								
FRAME	184JM	HZ			60	PH		3	
SER.F.	1.15	CODE			J	DES		B	CLASS
NEMA-NOM-EFF	87.5	PF			92				
RATING	40C AMB-CONT								
CC	010A	USABLE AT 208V							
DE	6207	ODE			6205				
ENCL	OPSB	SN							

Parts List		
Part Number	Description	Quantity
SA200455	SA 36H823T849H1	1.000 EA
RA187768	RA 36H823T849H1	1.000 EA
36CB3000SP	CONDUIT BOX, CAST	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
HW3001B01	003SS CUP WASHER, FOR #8 SCREW	1.000 EA
36EP3200A25	FR ENDPLATE, MACH	1.000 EA
HA1103A08	RODENT SCREEN, 36 FRAME, OPEN, FRONT END	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	4.000 EA
HW1000A10	#10 FLAT WASHER (SAE)	4.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
HW4500A17	317400 ALEMITE GREASE RELIEF	1.000 EA
HW5100A05	WVY WSHR F/205 & 304 BRGS	1.000 EA
36EP3405A04	PUEP 182-4C OPEN 207 BRG W/ TSLV, GRSR	1.000 EA
HA1102A11	SCREEN, RODENT FOR 36EP3405	2.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	4.000 EA
HW1000A10	#10 FLAT WASHER (SAE)	4.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
HW4500A17	317400 ALEMITE GREASE RELIEF	1.000 EA
10XN2520A24	1/4-20X 1 1/2 HEX HD X	4.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	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
HA1005A07SP	SLINGER, OD 2.25, ID 1.344, 307 BRG	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
HW2501D15	KEY, 3/16 X 1.625	1.000 EA
HA7000A01	KEY RETAINER 7/8" DIA SHAFT	1.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB
MG1000G27	MED CHARCOAL METALLIC GREY	0.022 GA
HA3101A25	THRUBOLT 1/4-20 X 11.000 OHIO ROD	4.000 EA
36AD2004A01	BAFFLE PLATE,MOD 36-SLTD BAND MTRS DELTA	2.000 EA
LC0005E01	CONN.DIA./WARNING LABEL (LC0005/LB1119N)	1.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA
NP1256L	ALUM UL CSA CC	1.000 EA
36PA1001	PACKAGING GROUP	1.000 EA
LB1506	LABEL "AMERICAN MADE" 1.50 X 1.00	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 10/13	1.000 EA

AC Induction Motor Performance Data

Record # 36955 - Typical performance - not guaranteed values

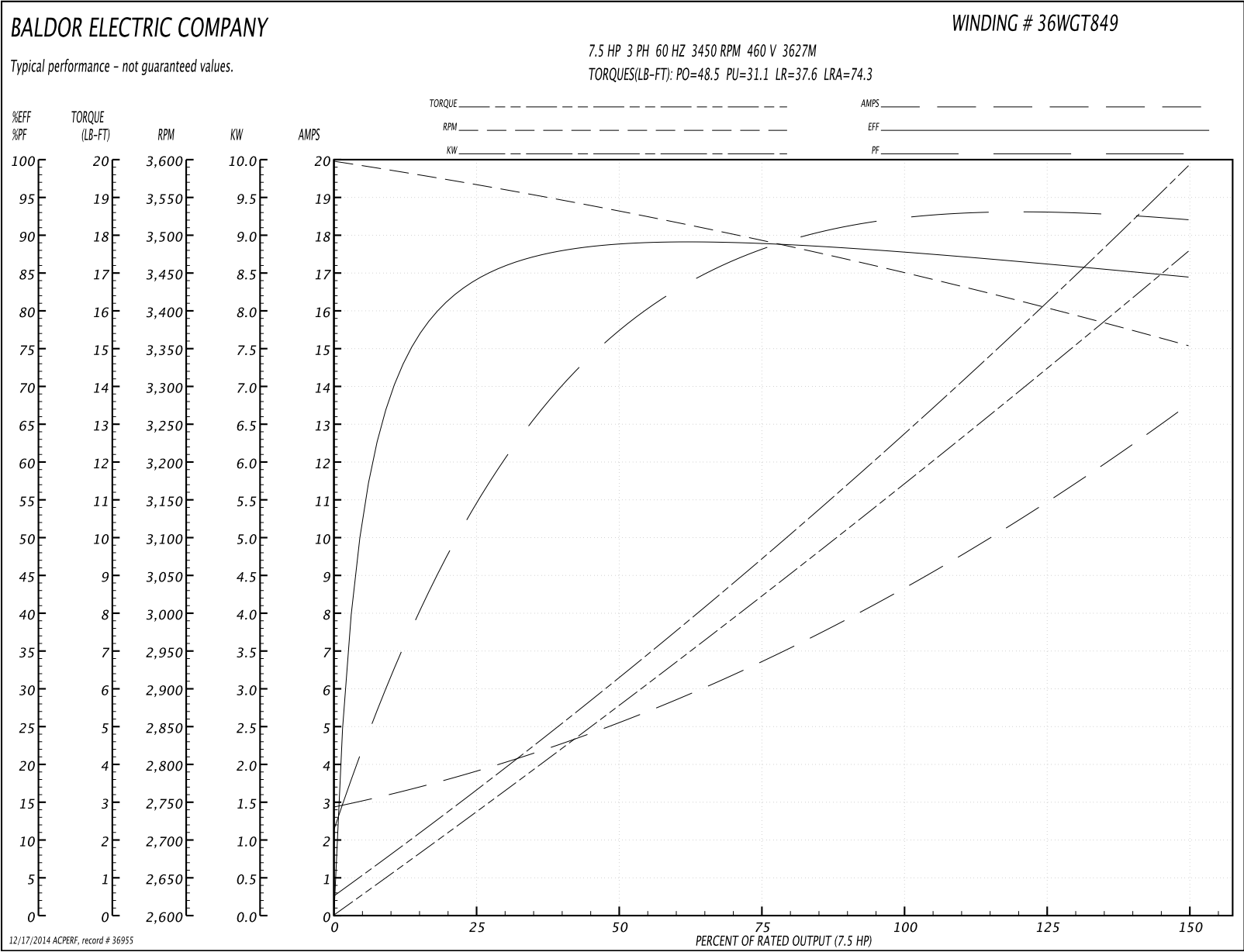
Winding: 36WGT849-R004	Type: 3627M	Enclosure: OPSB
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Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	7.5			Full Load Torque	11.4 LB-FT
Volts	208-230/460			Start Configuration	direct on line
Full Load Amps	18.8-17.4/8.7			Breakdown Torque	48.5 LB-FT
R.P.M.	3450			Pull-up Torque	31.1 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	37.6 LB-FT
NEMA Design Code	B	KVA Code	J	Starting Current	74.3 A
Service Factor (S.F.)	1.15			No-load Current	2.91 A
NEMA Nom. Eff.	87.5	Power Factor	92	Line-line Res. @ 25°C	1.9 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	54°C
S.F. Amps				Temp. Rise @ S.F. Load	66°C
				Rotor inertia	0.121 LF ²

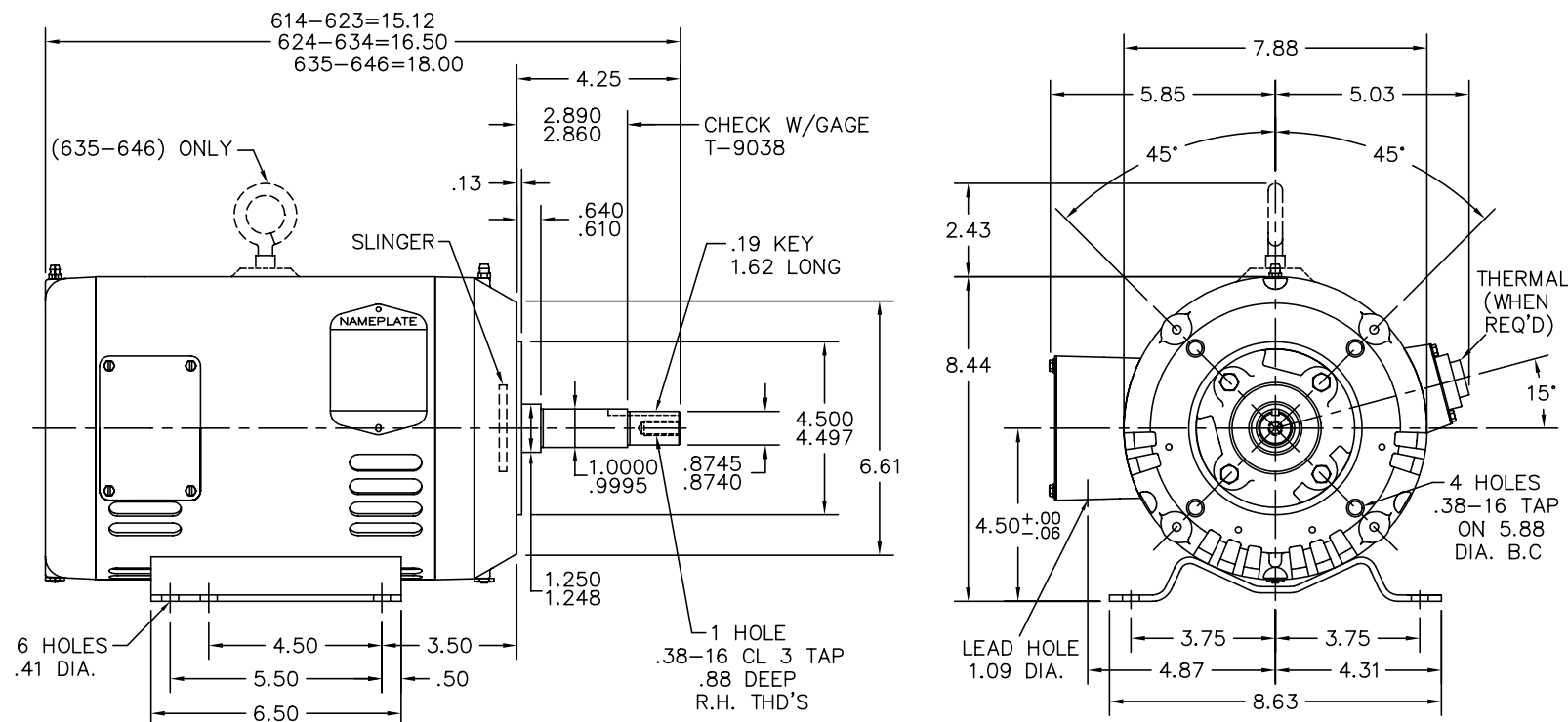
Load Characteristics 460 V, 60 Hz, 7.5 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	56	78	89	92	92	93	92
Efficiency	83.7	88.4	88.7	87.8	86.8	84.2	87.2
Speed	3566	3531	3493	3451	3406	3352	3424
Line amperes	3.77	5.1	6.7	8.7	11	13.5	10.1

Performance Graph at 460V, 60Hz, 7.5HP Typical performance - Not guaranteed values



36LYH823



CUST. NAME		CUST. P.O.		CERTIFIED BY		MODEL		INSUL		AMB							
H.P.		MTG		TYPE		R.P.M.		VOLTS		ENCL		PHASE		FREQ		FRAME	
REV. DESC: UPDATED KEY NOTE TO MATCH BOM, SEE EC09										BALDOR ELECTRIC Co.							
REV. LTR: C		BY: JED		REVISED: 11/11/99 10:23		TDR: 0195253											
ΣΖ8ΗΛ79Σ				FILE: AAA00044140		MDL: —		HORZ 182—4JM OPSB 36M W/SCREENS									
				MTL: —													

36LYH823

