

BALDOR® • RELIANCE

Product Information Packet

JPM3713T

15HP,3480RPM,3PH,60HZ,215JP,3748M,TEFC,F

Part Detail							
Revision:	D	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3748M	Elec. Spec:	37WGS632	CD Diagram:	CD0005
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	37L079	Layout:	37LYL079
Frame:	215JP	Mounting:	F1	Poles:	02	Created Date:	08-27-2010
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	10-08-2013
Leads:	9#14					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1256L									
CAT.NO.	JPM3713T								
SPEC.	37L079S632H1								
HP	15								
VOLTS	208-230/460								
AMP	38-34.6/17.3								
RPM	3480								
FRAME	215JP	HZ			60	PH		3	
SER.F.	1.15	CODE			H	DES		A	CLASS
NEMA-NOM-EFF	90.2	PF			90				
RATING	40C AMB-CONT								
CC	010A	USABLE AT 208V			38				
DE	6309	ODE			6206				
ENCL	TEFC	SN							

Parts List		
Part Number	Description	Quantity
SA202595	SA 37L079S632H1	1.000 EA
RA189873	RA 37L079S632H1	1.000 EA
37FN3002B01	EXFN, PLASTIC, 7.50 OD, 1.155 ID	1.000 EA
HW3200A01	3/8-16X3/4 I-BLT WELDED F/S	1.000 EA
37CB3006	37 CB CASTING W/1.38 LEAD HOLE @ 6:00	1.000 EA
37GS1000SP	GASKET, CONDUIT BOX STD., .06 THICK LEXI	1.000 EA
51XW2520A12	.25-20 X .75, TAPTITE II, HEX WSHR SLTD	2.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
37EP3101A29	SPL FR.EP.37 L & M FRAME-TEFC-W/GREASER	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
HW4500A17	317400 ALEMITE GREASE RELIEF	1.000 EA
HW5100A06	W2420-025 WVY WSHR (WB)	1.000 EA
37EP3401T10	EP PU ENCL 309 BRG W/GRSR & RELIEF, META	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
HW4500A17	317400 ALEMITE GREASE RELIEF	1.000 EA
10XN2520A36	1/4-20X 2 1/4 HEX HD X	4.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	4.000 EA
XY3118A12	5/16-18 HEX NUT DIRECTIONAL SERRATION	4.000 EA
07FH4007SP	IEC FH W/GRSR, NOTCH @ 6:00 & 3 FAN CVR	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	3.000 EA
37CB4516	LIPPED LID FOR 37 FRAME NEC KOBX	1.000 EA
37GS1008SP	37 GS FOR CB LID - LEXIDE	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 EA
HA2009A02	SLINGER MODEL 37 PUMP MOTORS-2.75 DIA. A	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
80XN1032A06	10-32 X 3/8 SET SC HEX SOCK	1.000 EA
HW2501E22	KEY, 1/4 SQ X 2.500	1.000 EA
HA7000A02	KEY RETAINER RING, 1 1/8 DIA, 1 3/8 DIA	1.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
LB1115N	LABEL,LIFTING DEVICE (ON ROLLS)	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB
51XB1214A20	12-14X1.25 HXWSSLD SERTYB	1.000 EA
MG1000G27	MED CHARCOAL METALLIC GREY	0.028 GA
HA3104A18	THRUBOLT- 5/16-18 X14.000	4.000 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
37PA1052	PALLET PACK GRP, 150 LB MTR 2 X 4 RUNNER	1.000 EA
PK3085X	FOAM SHAFT SUPPORT PRECUT 4-1/4 X 6-3/4	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 # 31843 - Typical performance - not guaranteed values

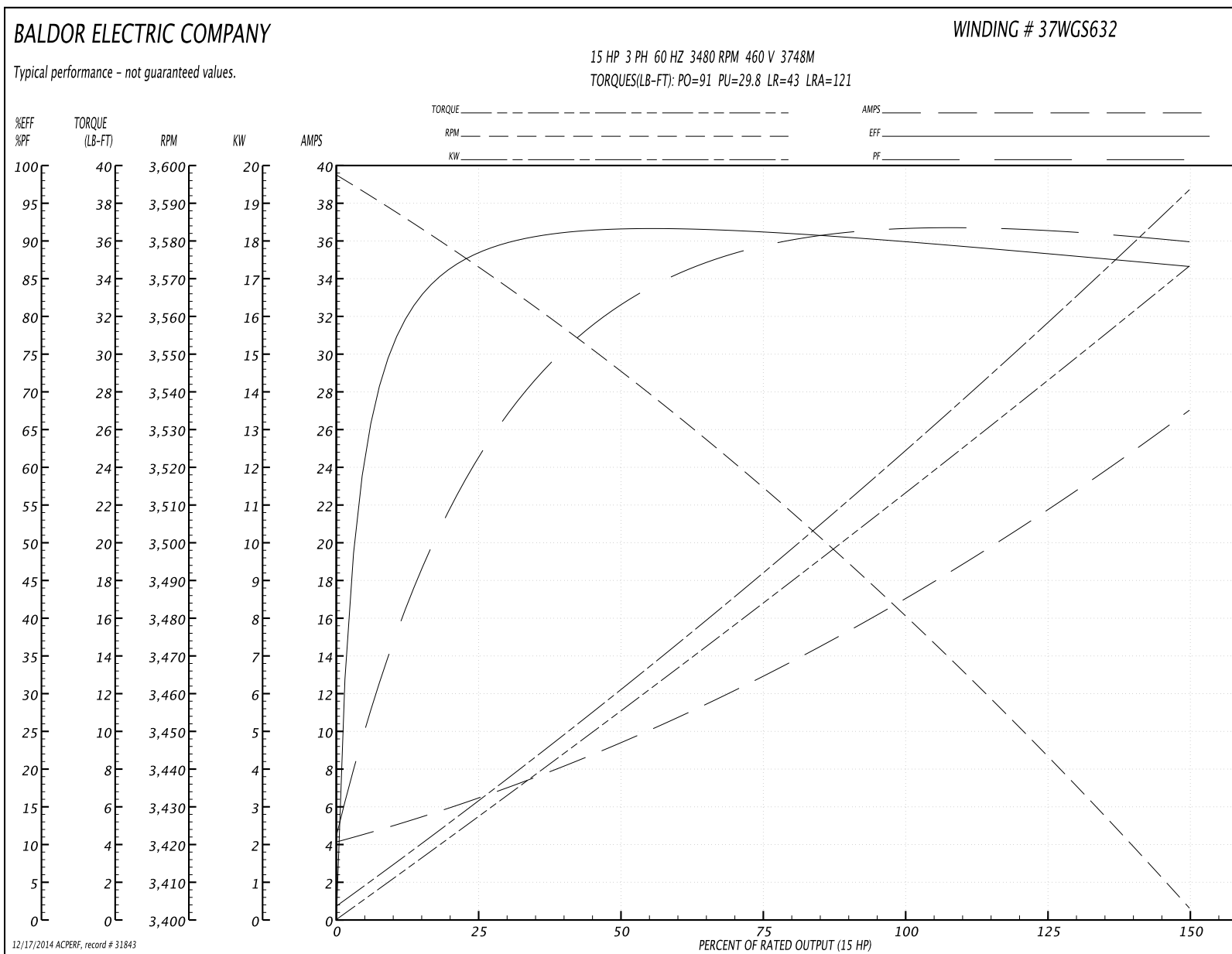
Winding: 37WGS632-R001	Type: 3748M	Enclosure: TEFC
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Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	15			Full Load Torque	22.7 LB-FT
Volts	208-230/460			Start Configuration	direct on line
Full Load Amps	38-34.6/17.3			Breakdown Torque	91 LB-FT
R.P.M.	3480			Pull-up Torque	29.8 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	43 LB-FT
NEMA Design Code	A	KVA Code	H	Starting Current	121 A
Service Factor (S.F.)	1.15			No-load Current	4.37 A
NEMA Nom. Eff.	90.2	Power Factor	90	Line-line Res. @ 25°C	0.575 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	81°C
S.F. Amps				Temp. Rise @ S.F. Load	103°C
				Rotor inertia	0.437 LF ²

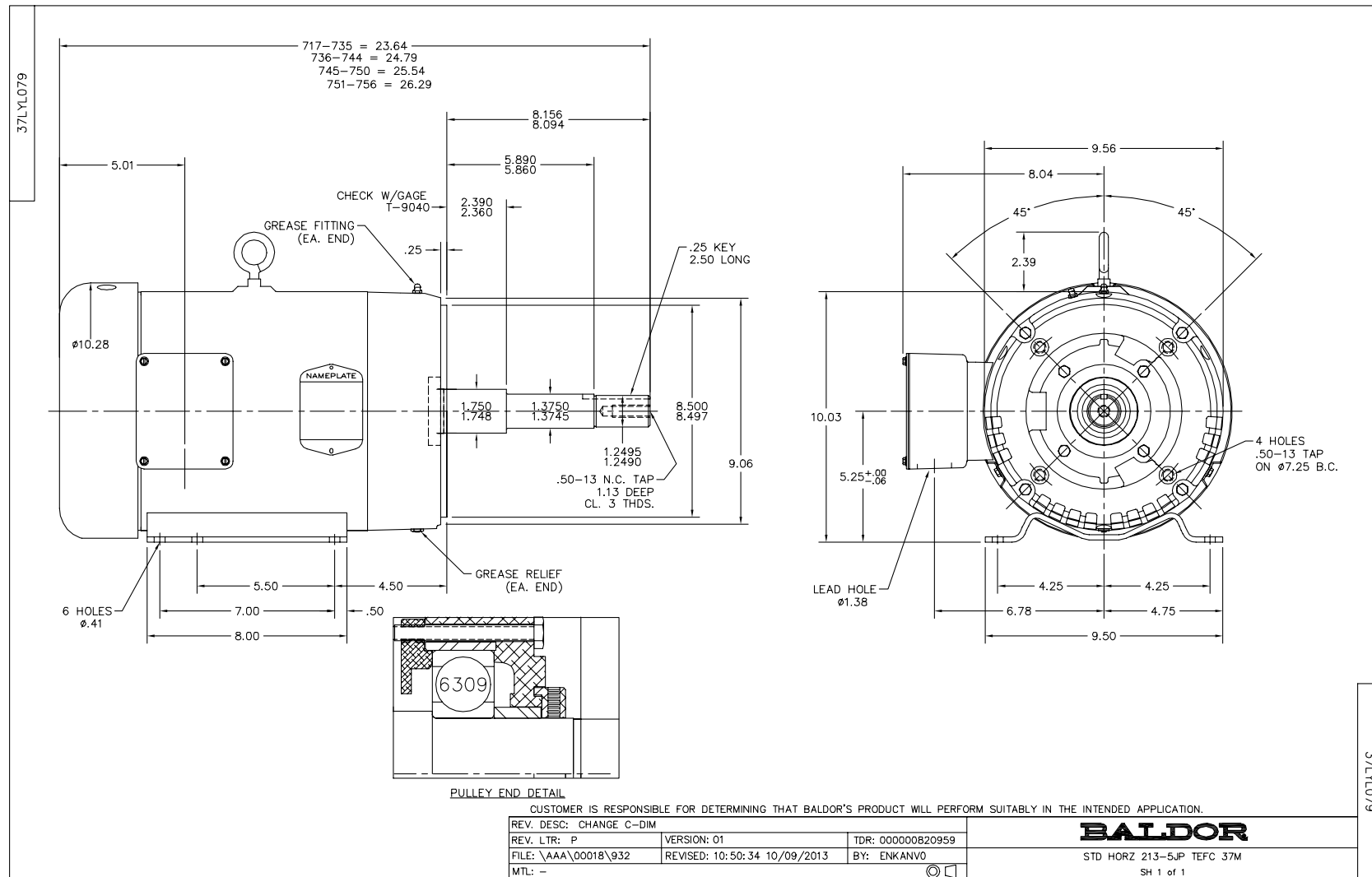
Load Characteristics 460 V, 60 Hz, 15 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	67	83	88	90	91	90	91
Efficiency	88.8	91.6	91.4	90.4	88.9	87	89.5
Speed	3571	3543	3514	3481	3443	3402	3458
Line amperes	6.13	9.44	13.26	17.34	21.78	27.01	20

Performance Graph at 460V, 60Hz, 15.0HP Typical performance - Not guaranteed values



12/17/2014 ACPERF, record # 31843



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