

BALDOR® • RELIANCE

Product Information Packet

M3312T-8

10HP,3500RPM,3PH,60HZ,213T,3726M,OPSB,F1

Part Detail							
Revision:	B	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3726M	Elec. Spec:	37WGR358	CD Diagram:	CD0006
Enclosure:	OPSB	Mfg Plant:		Mech. Spec:	37B101	Layout:	37LYB101
Frame:	213T	Mounting:	F1	Poles:	02	Created Date:	09-12-2012
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	10-08-2013
Leads:	3#10					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1256L										
CAT.NO.	M3312T-8									
SPEC.	37B101R358H1									
HP	10									
VOLTS	200									
AMP	28.5									
RPM	3500									
FRAME	213T	HZ			60	PH		3		
SER.F.	1.15	CODE			H	DES		B	CLASS	F
NEMA-NOM-EFF	88.5	PF			84					
RATING	40C AMB-CONT									
CC	010A	USABLE AT 208V								
DE	6307	ODE			6206					
ENCL	OPSB	SN								

Parts List		
Part Number	Description	Quantity
SA250978	SA 37B101R358H1	1.000 EA
RA237826	RA 37B101R358H1	1.000 EA
HA6361A01	LIFTING LUG FOR 37, 39 & 40 FRAME (AUTOP	2.000 EA
37CB3006	37 CB CASTING W/1.38 LEAD HOLE @ 6:00	1.000 EA
51XW2520A10	.25-20 X .62, TAPTITE II, HEX WSHR SLTD	2.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
37EP3200A01SP	FR ENDPLATE, 37L&M, OPEN, MACH, W/GREASE	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
HW5100A06	W2420-025 WVY WSHR (WB)	1.000 EA
37EP3201A01	PU ENDPLATE, MACH	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
XY3118A12	5/16-18 HEX NUT DIRECTIONAL SERRATION	4.000 EA
37CB4516	LIPPED LID FOR 37 FRAME NEC KOBX	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 EA
HW2501F21	KEY, 5/16 SQ X 2.375	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
MG1000G27	MED CHARCOAL METALLIC GREY	0.028 GA
37AD2001B01	BAFFLE PLATE, STAMPED DELTA	2.000 EA
HA3104A39	THRUBOLT-5/16-18 X 12.250	4.000 EA
LB1119N	WARNING LABEL	1.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
LC0006	CONNECTION LABEL	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

Accessories		
Part Number	Description	Multiplier
37-1404	C FACE KIT	A8

AC Induction Motor Performance Data

Record # 39679 - Typical performance - not guaranteed values

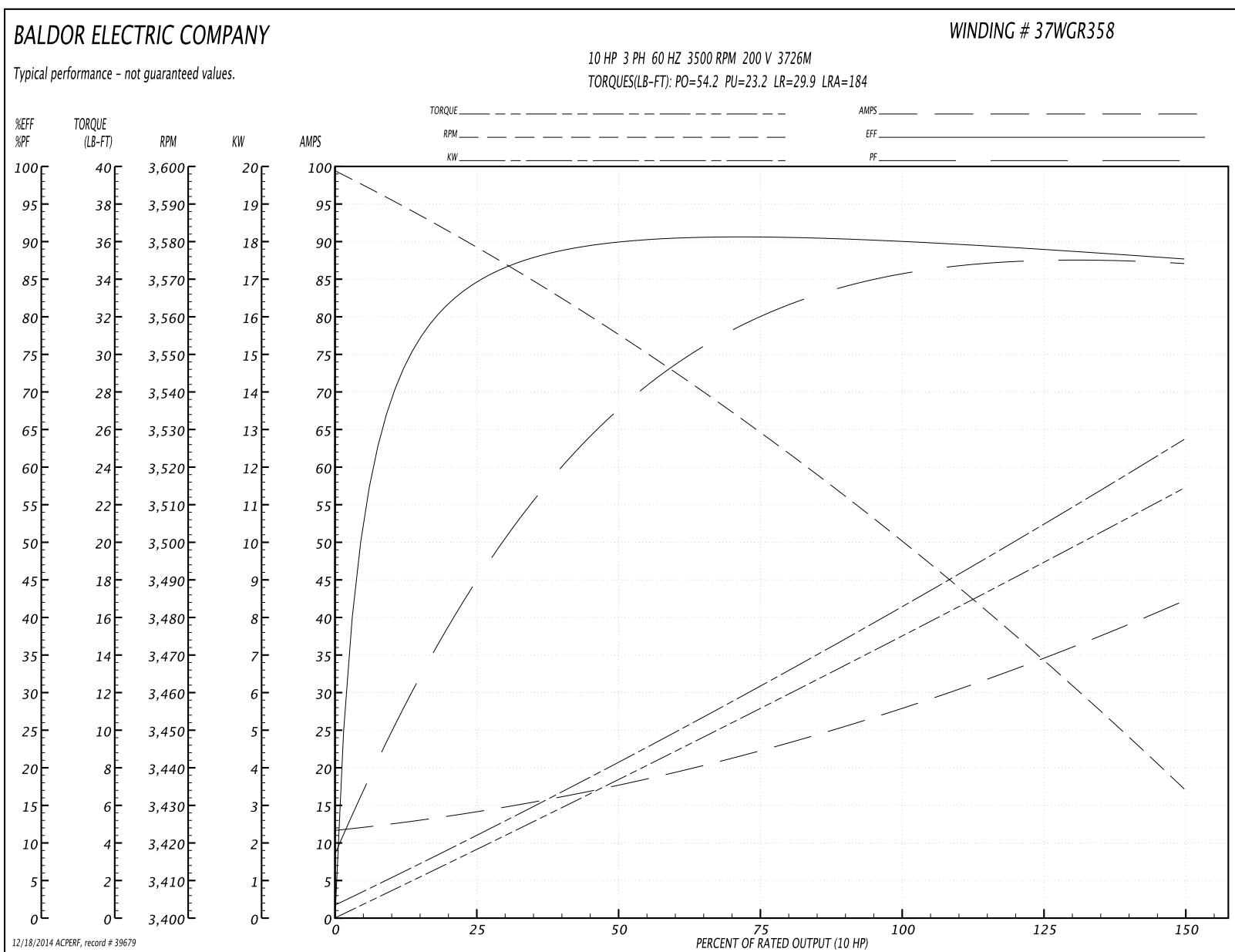
Winding: 37WGR358-R001	Type: 3726M	Enclosure: OPSB
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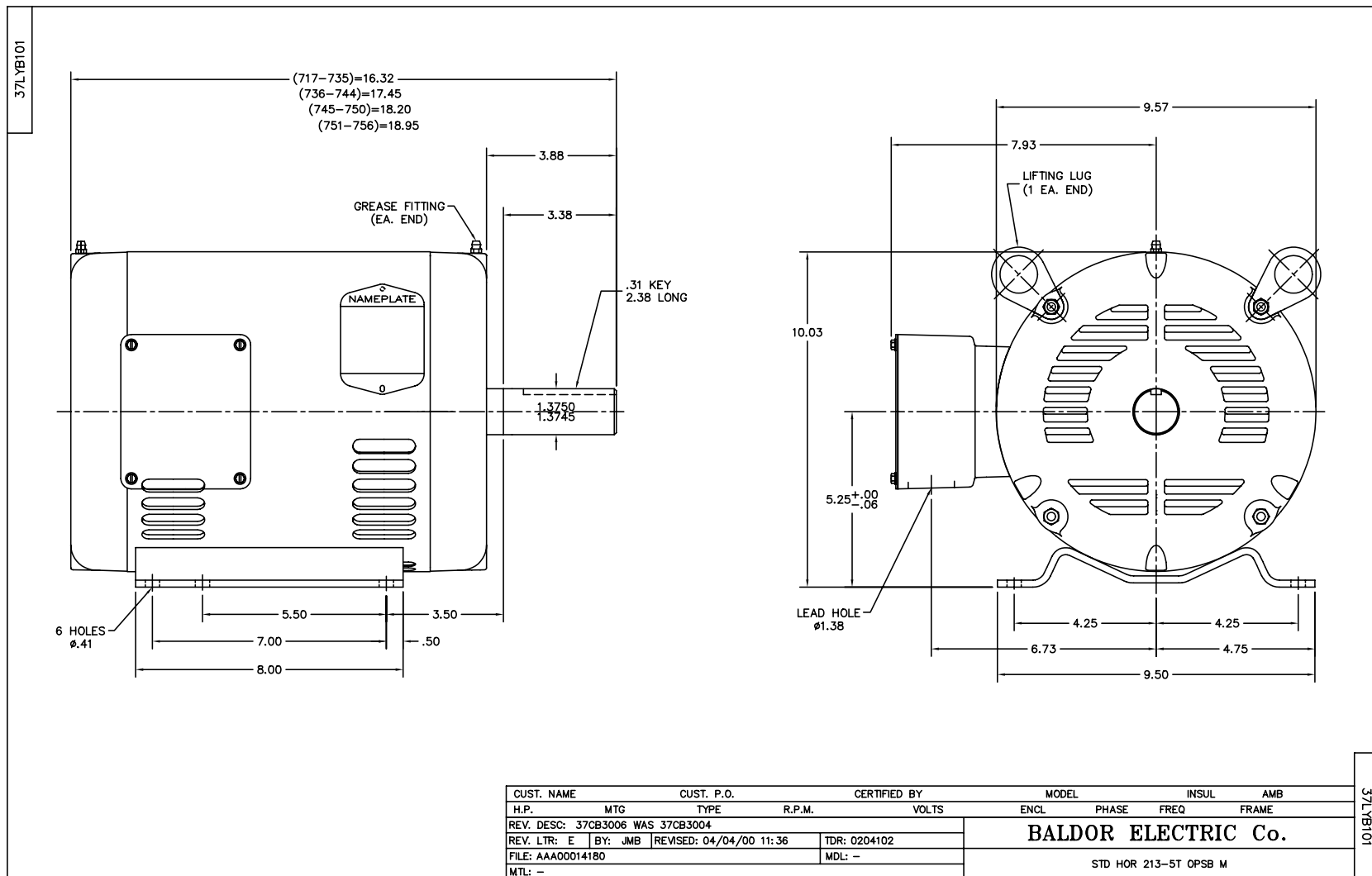
Nameplate Data				200 V, 60 Hz: Single Voltage Motor	
Rated Output (HP)	10			Full Load Torque	15 LB-FT
Volts	200			Start Configuration	direct on line
Full Load Amps	28.5			Breakdown Torque	54.2 LB-FT
R.P.M.	3500			Pull-up Torque	23.2 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	29.9 LB-FT
NEMA Design Code	B	KVA Code	H	Starting Current	184 A
Service Factor (S.F.)	1.15			No-load Current	12.1 A
NEMA Nom. Eff.	88.5	Power Factor	84	Line-line Res. @ 25°C	0.172 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	39°C
S.F. Amps				Temp. Rise @ S.F. Load	47°C
				Rotor inertia	0.237 LF ²

Load Characteristics 200 V, 60 Hz, 10 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	47	70	80	84	87	88	86
Efficiency	84	89.4	90.8	90.2	89.2	87.6	89.6
Speed	3579	3554	3529	3501	3469	3434	3482
Line amperes	13.6	17.4	22.4	28.3	34.8	41.9	32.2

Performance Graph at 200V, 60Hz, 10.0HP Typical performance - Not guaranteed values





CD0006



NOTES:

1. THREE LEAD MOTOR MAY BE EITHER WYE CONNECTED OR DELTA CONNECTED.
2. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
3. OPTIONAL THERMOSTATS ARE PROVIDED WHEN SPECIFIED.
4. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY VARY.
5. LEAD COLORS ARE OPTIONAL. LEADS MUST BE NUMBERED AS SHOWN.

REV. DESC: REVISE TO SHOW OPTIONAL COLORS

REV. LTR: D

BY: JLP

REVISED: 01/21/99 4:02

TDR: 0171435

9000D

FILE: AAA00005141

MDL: -

MTL: -

BALDOR ELECTRIC Co.

3PH, SV, 3 LEADS, WYE OR DELTA CONNECTED

CD0006