

BALDOR® • ***RELIANCE***

Product Information Packet

GDM3313T

10HP,1765RPM,3PH,60HZ,215TZ,3733M,OPSB,F

Part Detail							
Revision:	Q	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3733M	Elec. Spec:	37WGS131	CD Diagram:	CD0005
Enclosure:	OPSB	Mfg Plant:		Mech. Spec:	37H262	Layout:	37LYH262
Frame:	215TZ	Mounting:	F1	Poles:	04	Created Date:	10-05-2006
Base:	RG	Rotation:	R	Insulation:	B	Eff. Date:	07-28-2015
Leads:	9#14					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1256L							
CAT.NO.	GDM3313T						
SPEC.	37H262S131H1						
HP	10						
VOLTS	208-230/460						
AMP	29-26.8/13.4						
RPM	1765						
FRAME	215TZ	HZ	60	PH	3		
SER.F.	1.15	CODE	J	DES	A	CLASS	B
NEMA-NOM-EFF	89.5	PF	78				
RATING	40C AMB-CONT						
CC	USABLE AT 208V						
DE	6307	ODE	6206				
ENCL	OPSB	SN					

Parts List		
Part Number	Description	Quantity
SA149189	SA 37H262S131H1	1.000 EA
RA138126	RA 37H262S131H1	1.000 EA
HA6361A01	LIFTING LUG FOR 37, 39 & 40 FRAME ZINC	2.000 EA
37CB3004	37 CB CASTING W/1.09 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
37FE3200A01	FR ENDPLATE, FOR ROUTING PURPOSES	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
HA1104A01	RODENT SCREEN 37 FRAME 206 BRG FRONT END	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	4.000 EA
XY3118A12	5/16-18 HEX NUT DIRECTIONAL SERRATION	4.000 EA
37CB4516	LIPPED LID FOR 37 FRAME NEC KOBX	1.000 EA
HW5100A06	W2420-025 WVY WSHR (WB)	1.000 EA
37PE3201A01	PU ENDPLATE ASSEMBLY FOR ROUTING	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
HA1104A05	RODENT SCREEN 37 FRAME 207 BRG PULLEY EN	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	2.000 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
MG1025G29	MUNSELL 4.5Y 5.3/0.7 DARK CHARCOAL GREY	0.028 GA

Parts List (continued)		
Part Number	Description	Quantity
MG1025Z20	ACTIVATOR WILKOFAS 060.32	0.010 GA
HA3104A39	THRUBOLT-5/16-18 X 12.250	4.000 EA
37AD2001A01	BAFFLE PLATE, STAMPED	2.000 EA
LB1119N	WARNING LABEL	1.000 EA
LC0145B01	CONNECTION LABEL	1.000 EA
NP1256L	ALUM UL CSA CC	1.000 EA
36PA1001	PKG GRP, PRINT PK1017A06	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 11/14	1.000 EA

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

AC Induction Motor Performance Data

Record # 22657 - Typical performance - not guaranteed values

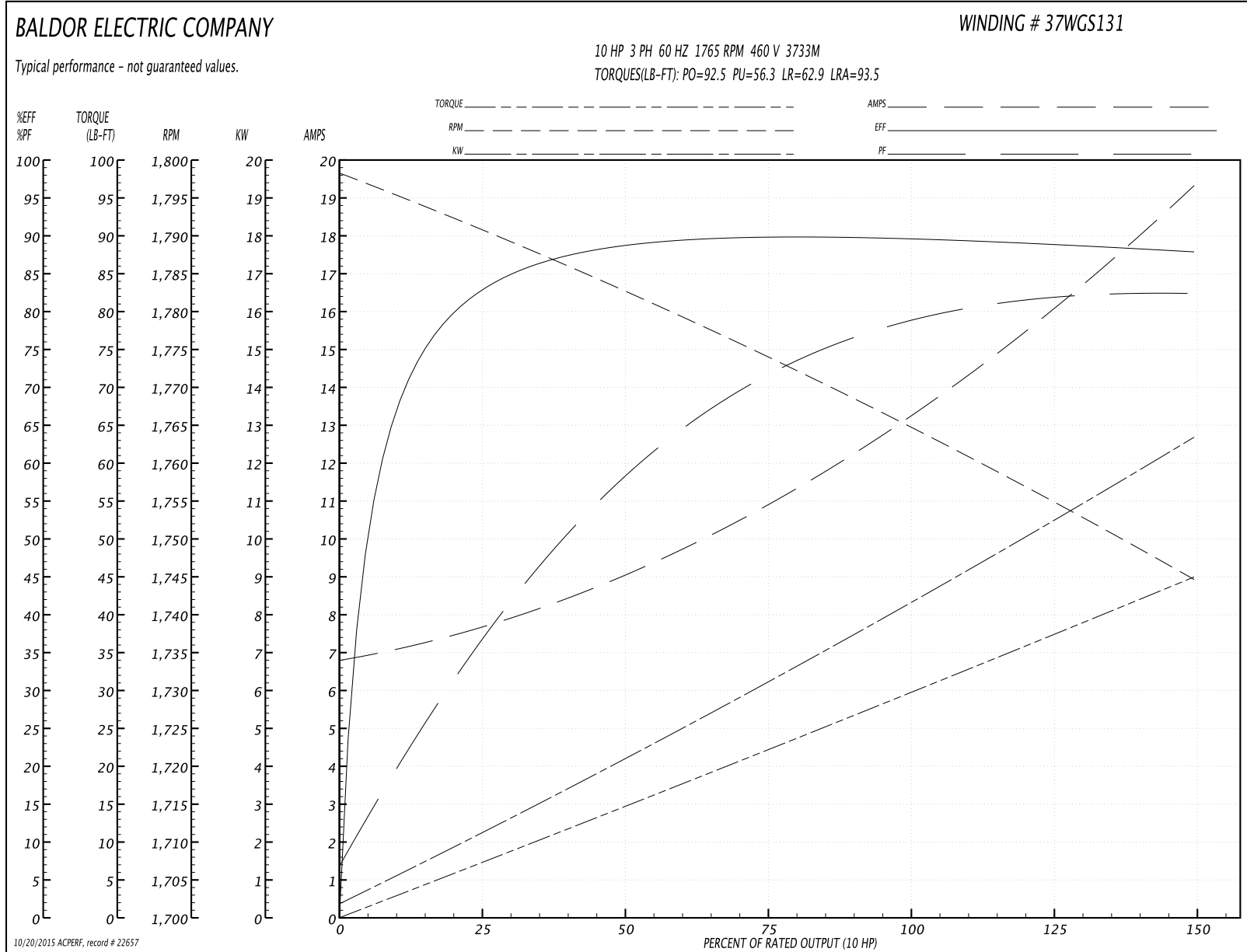
Winding: 37WGS131-R001	Type: 3733M	Enclosure: OPSB
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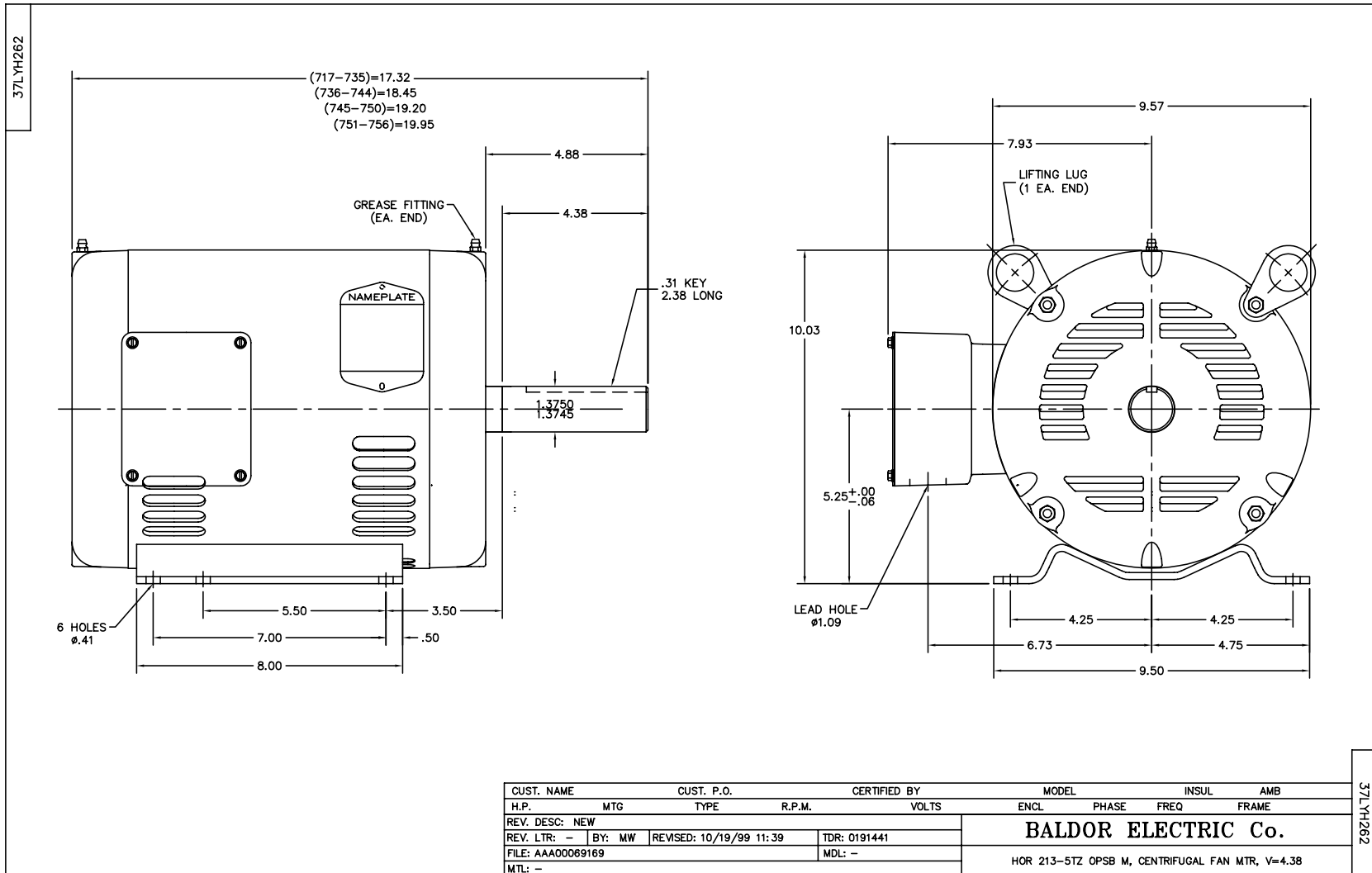
Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	10			Full Load Torque	29.7 LB-FT
Volts	208-230/460			Start Configuration	direct on line
Full Load Amps	29-26.8/13.4			Breakdown Torque	92.5 LB-FT
R.P.M.	1765			Pull-up Torque	56.3 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	62.9 LB-FT
NEMA Design Code	A	KVA Code	J	Starting Current	93.5 A
Service Factor (S.F.)	1.15			No-load Current	6.97 A
NEMA Nom. Eff.	89.5	Power Factor	78	Line-line Res. @ 25°C	1.15 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	47°C
S.F. Amps				Temp. Rise @ S.F. Load	59°C
				Rotor inertia	0.811 LB-FT ²

Load Characteristics 460 V, 60 Hz, 10 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	37	59	71	78	81	83	80
Efficiency	82.2	88.5	89.9	89.8	89.1	87.9	89.4
Speed	1790	1783	1774	1765	1756	1744	1760
Line amperes	7.43	8.87	10.9	13.4	16.1	19.2	15

Performance Graph at 460V, 60Hz, 10.0HP Typical performance - Not guaranteed values





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

9000D

FILE: AAA00005140

MDL: -

MTL: -

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS

CD0005