

BALDOR® • RELIANCE

Product Information Packet

ZDM3764T

3HP,1165RPM,3PH,60HZ,215TC,0737M,TEBC,F1

Part Detail							
Revision:	C	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	0737M	Elec. Spec:	07WGX822	CD Diagram:	CD0005
Enclosure:	TEBC	Mfg Plant:		Mech. Spec:	07J137	Layout:	07LYJ137
Frame:	215TC	Mounting:	F1	Poles:	06	Created Date:	12-09-2010
Base:	RG	Rotation:	RS	Insulation:	H	Eff. Date:	09-20-2013
Leads:	9#14					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1167L									
CAT NO	ZDM3764T								
SPEC.	07J137X822Z1								
FRAME	215TC	HP	3	TE					
VOLTS	230/460								
MAG CUR	4.6/2.3	FLA	9/4.5						
RPM	1165	RPM MAX	2300						
HZ	60	PH	3	CLASS		H			
SER.F.	1.00	DES	B	SL HZ		1.7			
NEMA-NOM-EFF	90.2	WK2	0.92						
BLWR V	460	PH	3	HZ		60	A	.25	
RATING	40C AMB-CONT								
DE BRG	6307	ODE BRG	6206						
CC		SN							

Parts List		
Part Number	Description	Quantity
SA213126	SA 07J137X822Z1	1.000 EA
RA200352	RA 07J137X822Z1	1.000 EA
HW3201A05	3/8-16 EYEBOLT	1.000 EA
09CB3002SP	CB W/1.38 LEAD HOLE FOR 37, 39, 307 & 30	1.000 EA
09GS1000SP	GASKET-CONDUIT BOX, 1/16 THICK LEXIDE	1.000 EA
51XW2520A12	.25-20 X .75, TAPTITE II, HEX WSHR SLTD	2.000 EA
HA1005A11	SLINGER, OD 2.00, ID 1.15,	1.000 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
37EP1100B61	FR TEBC 206 BRG W/ GRSR & THRU-SHAFT ENC	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
HW5100A06	W2420-025 WVY WSHR (WB)	1.000 EA
37EP1300A01SP	FACE MT ENDPLATE-ENCL-307 BRG-213TC-215T	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
10XN2520A30	HEX HD CAP SCREW-STD THD-.25 X 20 THD PE	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
10XN2520A08	1/4-20X1/2 HEX HEAD CAP	2.000 EA
HA3218A06	MALE-FEMALE STANDOFF .25-20 .38 HEX X .5	3.000 EA
10XN2520A06	1/4 20X3/8 HX HD CAP	3.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	3.000 EA
09CB3501SP	CONDUIT BOX LID FOR 09CB3001 & 09CB3002	1.000 EA
09GS1013SP	09 GS FOR 09CB3501 LID - LEXIDE	1.000 EA
51XW2520A12	.25-20 X .75, TAPTITE II, HEX WSHR SLTD	2.000 EA

Parts List (continued)		
Part Number	Description	Quantity
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
MJ5004A05	#242-21 LOCTITE GENERAL PURPOSE MED. STR	0.005 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
LB1115N	LABEL,LIFTING DEVICE (ON ROLLS)	1.000 EA
LB1009N	LABEL,ROTATION DIRECTION (ON ROLLS)	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB
HA3104A32	THRUBOLT- 5/16-18 X12.750	4.000 EA
07FH5002A08	BLOWER ASSY. ,07FH4001, EF5000	1.000 EA
MG1000G27	MED CHARCOAL METALLIC GREY	0.036 GA
LC0034	CONNECTION LABEL	1.000 EA
OE5011A04	HS25 ENCODER ASSY - TEBC	1.000 EA
LB1119N	WARNING LABEL	1.000 EA
LB1172A01	CUSTOM MTR CARTON LABEL LASER PRINTER	1.000 EA
LC0145B01	CONNECTION LABEL	1.000 EA
NP1167L	SS VEC UL CSA CC	1.000 EA
37PA1039	PALLET PACK GROUP, PK1148 BOX	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 # 36498
 Typical performance - not guaranteed values

Winding: 07WGX822	Type: 0737M	Enclosure: TEBC
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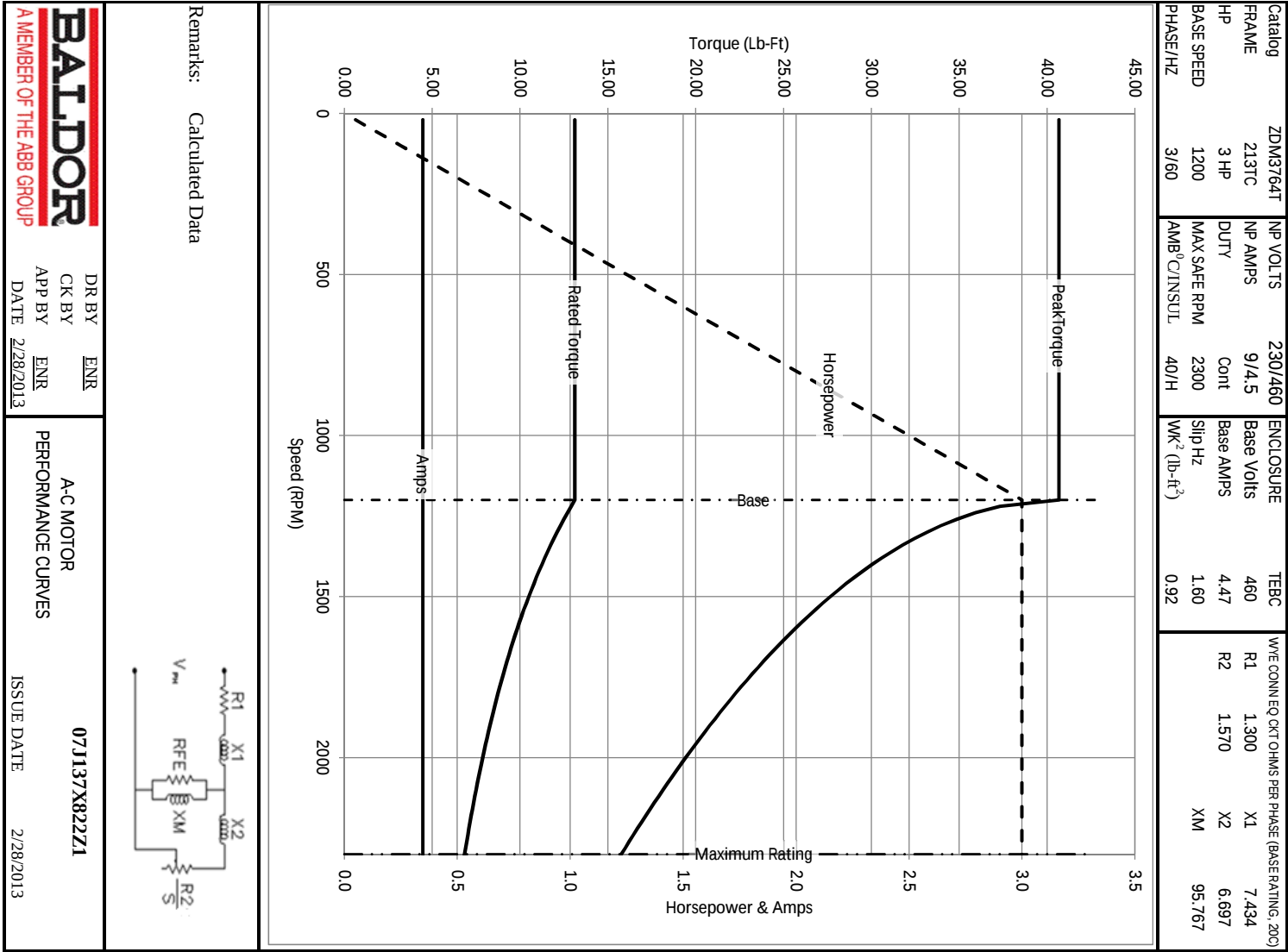
Nameplate Data			General Characteristics at 460 V, 60 Hz: High Volt Connection			
Rated Output (HP)	3		Full Load Torque	13.5 LB-FT		
Volts	230/460		Start Configuration	DOL		
Full Load Amps	9/4.5		Break Down Torque	45.2 LB-FT		
R.P.M.	1165		Pull-Up Torque	29.6 LB-FT		
Hz	60	Phase	Locked-rotor Torque	33.4 LB-FT		
NEMA Design Code	B	KVA Code	Starting Current	30.9 Amps		
Service Factor	1		No-load Current	2.29 Amps		
NEMA Nom. Eff.	90.2	P.F.	Line-line Res. @ 25°C.	2.65 Ohms		
Rating - Duty	40C AMB-CONT		Temp. Rise @ Rated Load	31°C		
S.F. Amps			Temp. Rise @ S.F. Load	37°C		

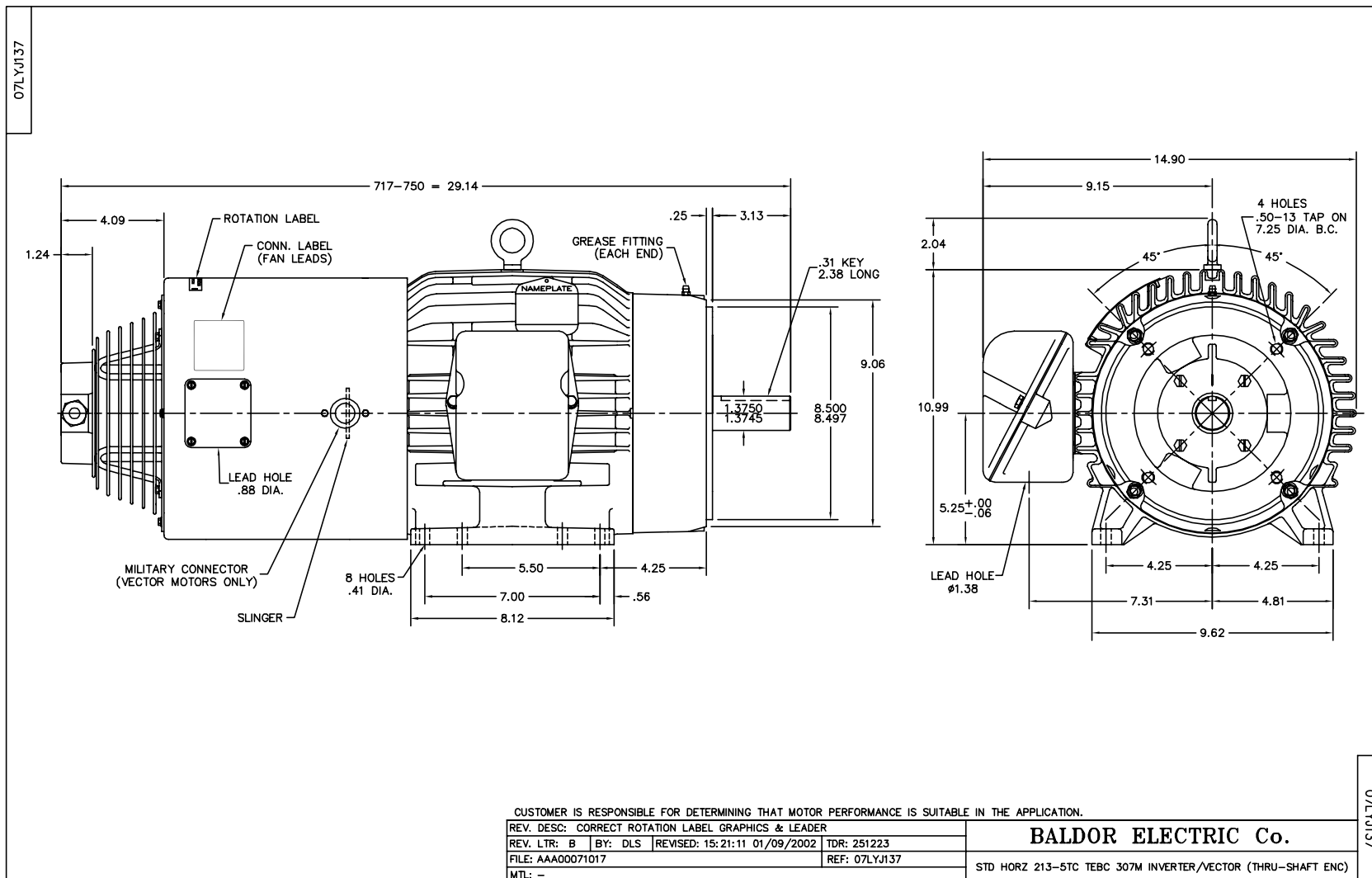
Load Characteristics at 460 Volts, 60 Hz, 3 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	34	52	63	70	73	75	
Efficiency	83.6	89	90.9	90.3	89.4	87.6	
Speed	1191	1184	1176	1168	1158	1145	
Line Amperes	2.56	3.05	3.69	4.47	5.36	6.39	

Baldor Electric Company Fort Smith, Arkansas



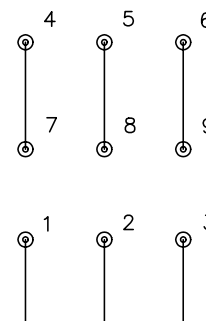




CD0005

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