

BALDOR® • RELIANCE

Product Information Packet

JPL1512T

10HP,1725RPM,1PH,60HZ,215JP,3744LC,ODTF

Copyright © All product information within this document is subject to Baldor Electric Company copyright © protection, unless otherwise noted.

Part Detail									
Revision:	H	Status:	PRD/A	Change #:		Proprietary:	No		
Type:	AC	Prod. Type:	3744LC	Elec. Spec:	37WGY497	CD Diagram:			
Enclosure:	ODTF	Mfg Plant:		Mech. Spec:	37H940	Layout:			
Frame:	215JP	Mounting:	F1	Poles:	04	Created Date:			
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	07-23-2010		
Leads:	2#8 A PH,2#14 B PH	Literature:		Elec. Diagram:		Replaced By:			
Nameplate NP1256L									
CAT.NO.	JPL1512T								
SPEC.	37H940Y497								
HP	10								
VOLTS	230								
AMP	41								
RPM	1725								
FRAME	215JP	HZ	60	PH	1				
SER.F.	1.15	CODE	F	DES	L	CLASS	F		
NEMA-NOM-EFF	84	PF	94						
RATING	40C AMB-CONT								
CC		USABLE AT 208V	45						
DE	6309	ODE	6206						
ENCL	ODTF	SN							

Parts List		
Part Number	Description	Quantity
SA088195	SA 37H940Y497	1.000 EA
RA081123	RA 37H940Y497	1.000 EA
OC3040F09SP	CYL OIL CAP 40MFD/370V	2.000 EA
EC1216C06SP	ELEC CAP, 216-259 MFD, 250V, 2.06D X 4.	3.000 EA
HW3200A01	3/8-16X3/4 I-BLT WELDED F/S	1.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
HW3001B02	BRASS CUP WASHER W/GROUND SYMBOL TAB,	1.000 EA
13XT0832A07	8-32X7/16 TYP 23 PAN HD SLT DX	2.000 EA
37EP3200A13	SPECIAL FR. E.P. 37 L&M FRAME OPEN W/DRI	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
HW1000A10	#10 FLAT WASHER (SAE)	4.000 EA
HW4500A19	1/4-28X1/4 SLOTTED PLUG F/S	1.000 EA
37CB3804A01	SPL CAPAC. BOX 37 MOTORS FOR 6-7 CAPAC.	1.000 EA
10XN2520A12	O1/4-20X 3/4 HEX HEAD CAP	4.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	4.000 EA
37CB4509	CAPAC BOX LID, STAMPED	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	6.000 EA
HA6003A47	CAPAC CLAMP	1.000 EA
HA6003A45	CAPAC CLAMP - CLIP (WHITE ZINC PLATED)	2.000 EA
51XB1016A07	10-16 X 7/16 HXWSSLD SERTYB	4.000 EA
52XF1032G06	10-32X3/8 HX STD SER TYF	1.000 EA
HW1001A10	WASHER, #10 SPLT LK, ZN X	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
SP1008A01	BAFFLE, MODEL 36 & 37	1.000 EA
HW5100A06	W2420-025 WVY WSHR (WB)	1.000 EA
37EP3401A06	PUEP OPEN 309 BRG W/BAFF, SLINGER, SCREE	1.000 EA
HA1222	RODENT SCREEN - 37 C-FACE MOTORS	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
37AD2000A02	BAFFLE PLATE, STAMPED PLATED	1.000 EA
60XW0632A06	6-32 X 3/8 TORX HEAD SCREW TAPTITE II	4.000 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
HA3104A17	5/16-18X13.250 T-BLT/OHIO	4.000 EA
XY3118A12	5/16-18 HEX NUT DIRECTIONAL SERRATION	4.000 EA
37FN3002A01SP	EXFN, PLASTIC, 9.00 OD, 1.155 ID	1.000 EA
51XB1214A20	12-14X1.25 HXWSSLD SERTYB	1.000 EA
37FH4000A05SP	DRIP COVER, W/ AUTOPHERETIC PRIMER	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	3.000 EA
HA2009A02	SLINGER MODEL 37 PUMP MOTORS-2.75 DIA. A	1.000 EA
80XN1032A06	10-32 X 3/8 SET SC HEX SOCK	1.000 EA
HW2501E20	KEY, 1/4 SQ X 2.250	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
LB1115	LABEL,LIFTING DEVICE	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
WD1000A03	41531 AMP FLG.TERM,4M/REEL(2.5MIL)	2.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.050 LB
MG1000G27	PAINT- S9282E CHARCOAL GREY	0.028 GA
SP5172A03	37 TYPE L TORQ STAT SWITCH LEAD ASSEMBLY	1.000 EA
LB1119	WARNING LABEL	1.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA
LC0086	CONNECTION LABEL	1.000 EA
NP1256L	ALUM UL CSA CC	1.000 EA
37PA1052	PACKAGING GROUP, 150 LB MTR 2 X 4 RUNNER	1.000 EA
PK3085	STYROFOAM SHAFT SUPPORT ZELLERBACH	1.000 EA

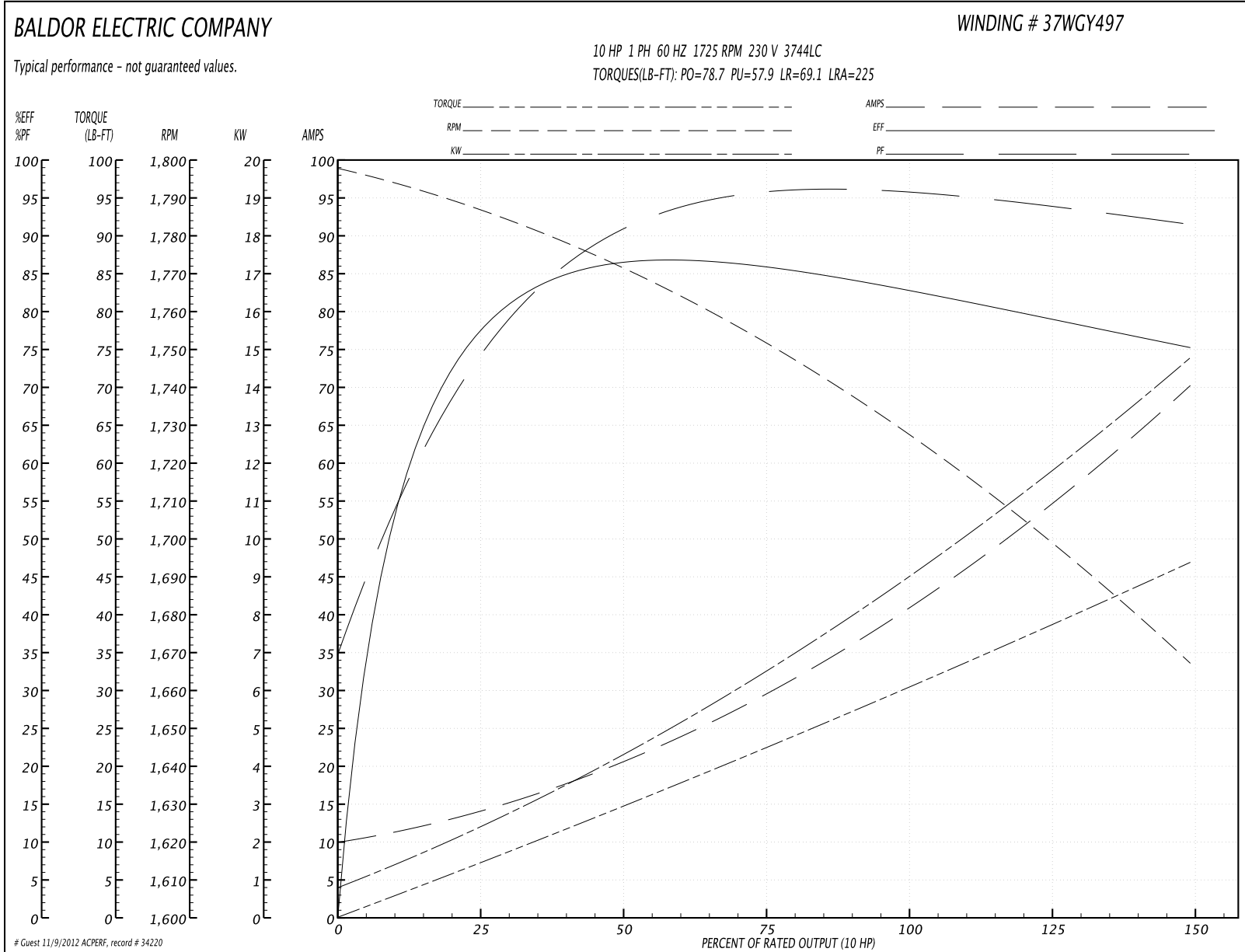
Performance Data at 230V, 60Hz, 10.0HP (Typical performance - Not guaranteed values)**General Characteristics**

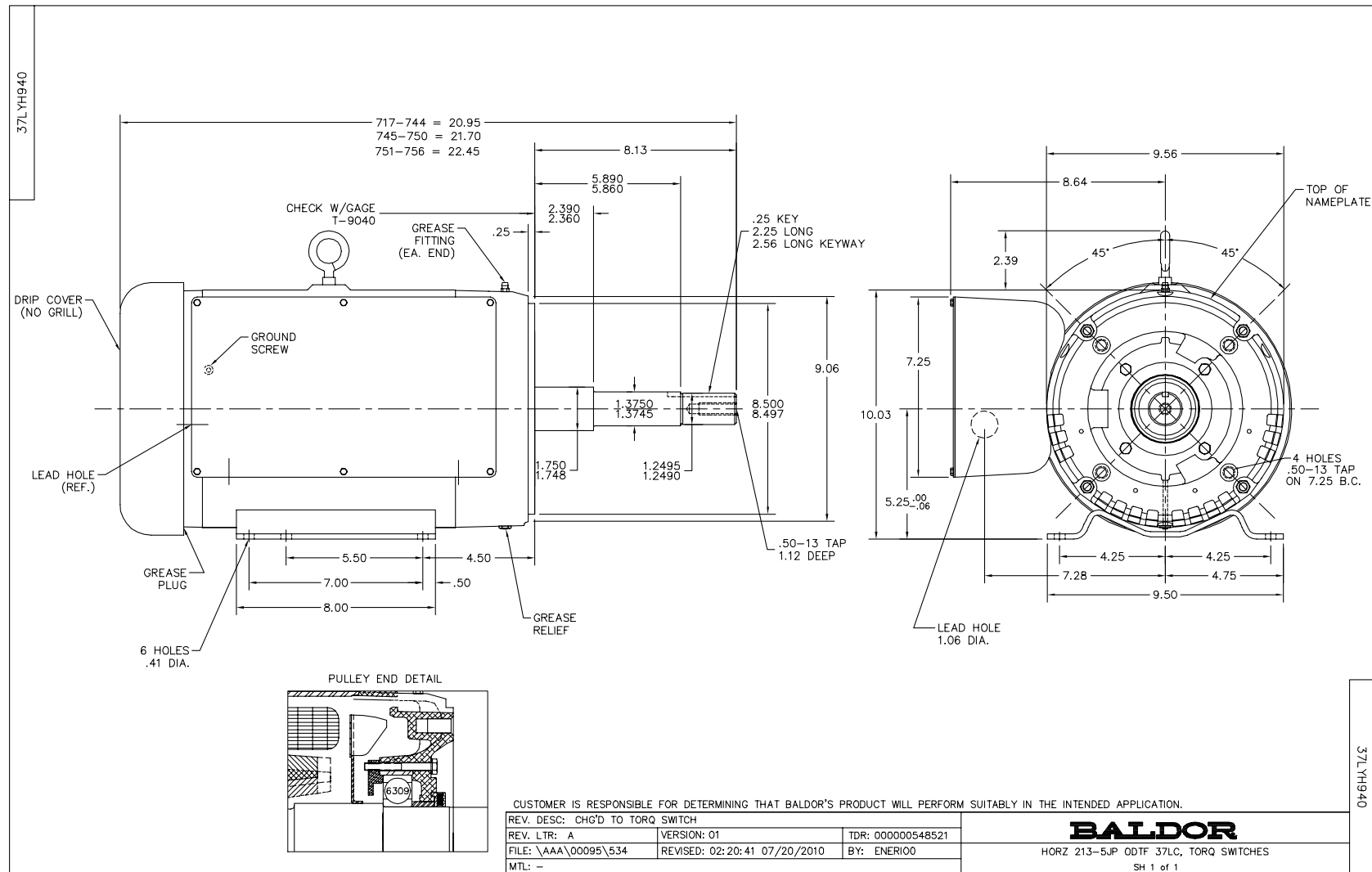
Full Load Torque:	30.3 LB-FT	Start Configuration:	DOL
No-Load Current:	10.2 Amps	Break-Down Torque:	78.7 LB-FT
Line-line Res. @ 25°C.:	0.18838 Ohms A Ph / 0.70995 Ohms B Ph	Pull-Up Torque:	57.9 LB-FT
Temp. Rise @ Rated Load:	87 C	Locked-Rotor Torque:	69.1 LB-FT
Temp. Rise @ S.F. Load:	119 C	Starting Current:	225.0 Amps

Load Characteristics

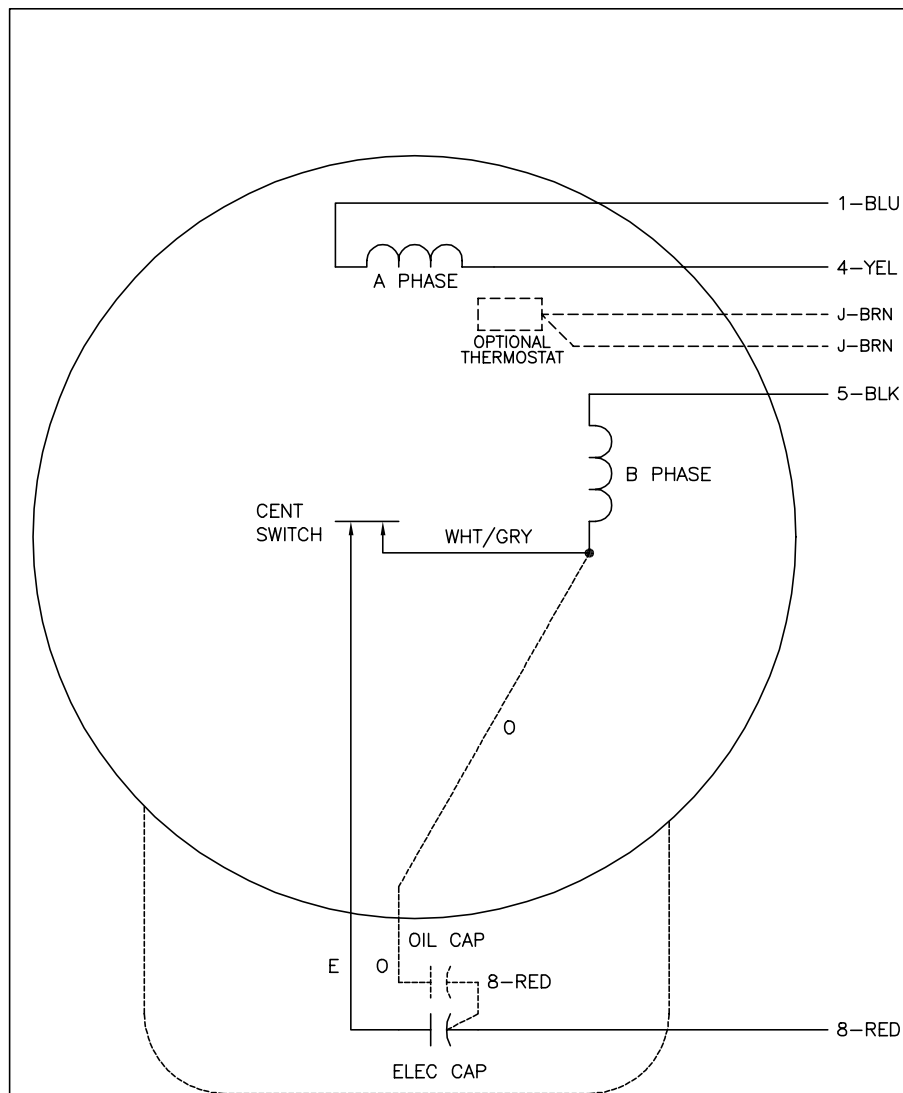
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	80.0	92.0	95.0	95.0	94.0	92.0	94.0
Efficiency:	75.1	84.6	85.8	83.9	79.7	74.8	81.4
Speed:	1785.6	1770.4	1753.1	1728.9	1700.0	1666.3	1712.0
Line Amperes:	13.5	20.6	29.7	40.8	53.9	70.5	48.7

Performance Graph at 230V, 60Hz, 10.0HP Typical performance - Not guaranteed values





CD0086



	LINE A	LINE B
STD	1,8	4,5
OPP	1,5	4,8

NOTES:

1. STANDARD ROTATION IS CCW FACING END OPPOSITE SHAFT EXTENSION.
2. OPTIONAL THERMOSTAT IS PROVIDED WHEN SPECIFIED.
3. MULTIPLE CAPACITORS ARE CONNECTED IN PARALLEL UNLESS OTHERWISE SPECIFIED.
4. OPTIONAL OIL CAPACITOR IS PROVIDED WHEN SPECIFIED.
5. CAPACITORS MAY BE SEPERATELY MOUNTED.
6. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

REV. DESC: ADDED CK TO PLANT CODE

REV. LTR: F BY: JD REVISED: 16:01:12 01/07/2002 TDR: 259409

9800DD

FILE: AAA00026904

REF: CD0086

MTL: -

BALDOR ELECTRIC Co.

TYPE L OR LC, SV, REV, 4 LEADS, CAPS MAY BE SEP MTD

CD0086