

# **BALDOR**® • *RELIANCE*

## **Product Information Packet**

# **OF3315T**

**15HP, 1125RPM, 3PH, 60HZ, 284T, 4032M, OPSB, F2**

Part Detail							
Revision:	T	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	4032M	Elec. Spec:	40WGW772	CD Diagram:	CD0321
Enclosure:	OPSB	Mfg Plant:		Mech. Spec:	40G96	Layout:	40LYG096
Frame:	284T	Mounting:	F2	Poles:	06	Created Date:	06-27-2006
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	08-26-2016
Leads:	12#12 ML4400b12		Y			Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP2961E			
CAT.NO.	OF3315T		
SPEC.	40G096W772		
HP	15		
VOLTS	230/460/796		
AMP	45/22.5/13		
RPM	1125		
FRAME	284T	HZ	60
SER.F.	1.15	CODE	G
NEMA-NOM-EFF	85.5	PF	74
RATING	40C AMB-CONT		
CC		DES	D
DE	6311	ODE	6310
ENCL	OPSB	SN	
		PH	3
		CLASS	F
		USABLE AT 208V	

Parts List		
Part Number	Description	Quantity
SA144364	SA 40G096W772	1.000 EA
RA133560	RA 40G096W772	1.000 EA
HA6361A01	LIFTING LUG FOR 37, 39 & 40 FRAME ZINC	2.000 EA
HA6017	CAST ADAPTER, 40,42 KOBX	1.000 EA
19XW3118A12	.31-18 X .75 HEX WASHER HEAD TAPTITE II	2.000 EA
HW1001A31	LOCKWASHER 5/16, ZINC PLT.591 OD, .319 I	2.000 EA
10CB1000A09	CONDUIT BOX, MACH	1.000 EA
09GS1010	GASKET, DWG, LEADWIRE SEPERATOR	1.000 EA
19XW3118A16	.31-18 HEX WASHER HEAD TAPTITE II 1.00 L	4.000 EA
HW1001A31	LOCKWASHER 5/16, ZINC PLT.591 OD, .319 I	4.000 EA
WD1000B16	T&B CX70TN TERMINAL	1.000 EA
10XN2520K08	1/4-20 X .50 GRADE #5, STL, ZINC PLATE	1.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	1.000 EA
40EP1202A02	FR/PU ENDPLATE, MACH	1.000 EA
HW5100A12	W4300-045 WVY WSHR (WB)	1.000 EA
HA1103A06	40-76 RODENT SCREEN	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	3.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	3.000 EA
10XN3118K36	5/16-18 X 2.25" HEX HD, GRADE 5	4.000 EA
HW1001A31	LOCKWASHER 5/16, ZINC PLT.591 OD, .319 I	4.000 EA
40EP1202A04	PU ENDPLATE, MACH	1.000 EA
HA1103A06	40-76 RODENT SCREEN	1.000 EA
XY3816A12	3/8-16 FINISHED NUT	8.000 EA
10CB1500A01SP	CONDUIT BOX LID, MACH	1.000 EA

<b>Parts List (continued)</b>		
<b>Part Number</b>	<b>Description</b>	<b>Quantity</b>
14GS1003	GASKET CONDUIT BOX LID, NEOP	1.000 EA
10XN2520K16	1/4-20 X 1" HX HD SCRW GRADE 5, ZINC P	4.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	4.000 EA
HW2501H28	KEY, 1/2 SQ X 3.250	1.000 EA
LB1115N	LABEL,LIFTING DEVICE (ON ROLLS)	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 11/14	1.000 EA
HA4051A00	PLASTIC CAP FOR GREASE FITTING	1.000 EA
HW4500A03	GREASE FITTING, .125 NPT 1610(ALEMITE) 8	1.000 EA
HW4500A17	317400 ALEMITE GREASE RELIEF	1.000 EA
MJ1000A02	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB
HW4500A03	GREASE FITTING, .125 NPT 1610(ALEMITE) 8	1.000 EA
HW4500A17	317400 ALEMITE GREASE RELIEF	1.000 EA
HA4051A00	PLASTIC CAP FOR GREASE FITTING	1.000 EA
MG1025G03	WILKOFASST, 789.901, OIL RIG SILVER	0.030 GA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
40AD2002B01	LEXAN BAFFLE 40 FR OPEN	1.000 EA
40AD2002B01	LEXAN BAFFLE 40 FR OPEN	1.000 EA
HA3154A03	STUD, 3/8-16 X 17.75	4.000 EA
LB1119N	WARNING LABEL	1.000 EA
LC0321	CONNECTION LABEL	1.000 EA
NP2961E	ALUM CSA CC	1.000 EA
40PA1000	PACKAGING GROUP	1.000 EA

**AC Induction Motor Performance Data**

Record # 22418 - Typical performance - not guaranteed values

<b>Winding:</b> 40WGW772-R001	<b>Type:</b> 4032M	<b>Enclosure:</b> OPEN
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Nameplate Data				460 V, 60 Hz: 2nd Voltage Connection	
Rated Output (HP)	15			Full Load Torque	70.6 LB-FT
Volts	230/460/796			Start Configuration	direct on line
Full Load Amps	45/22.5/13			Breakdown Torque	227 LB-FT
R.P.M.	1125			Pull-up Torque	138 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	172 LB-FT
NEMA Design Code	D	KVA Code	G	Starting Current	111 A
Service Factor (S.F.)	1.15			No-load Current	12 A
NEMA Nom. Eff.	85.5	Power Factor	74	Line-line Res. @ 25°C	0.7 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	54°C
S.F. Amps				Temp. Rise @ S.F. Load	68°C

Load Characteristics 460 V, 60 Hz, 15 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	35	55	68	74	79	80	77
Efficiency	79.8	85.8	86.4	85.2	83.1	80	83.9
Speed	1182	1165	1144	1122	1095	1063	1106
Line amperes	12.6	14.8	18.1	22.5	27	32.8	25.2

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





