

BALDOR® • **RELIANCE**

Product Information Packet

OF3415T

15HP, 1125RPM, 3PH, 60HZ, 284T, 1034M, OPEN, F2

Part Detail							
Revision:	U	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	1034M	Elec. Spec:	10WGY236	CD Diagram:	CD0321
Enclosure:	OPEN	Mfg Plant:		Mech. Spec:	10H73	Layout:	10LYH073
Frame:	284T	Mounting:	F2	Poles:	06	Created Date:	
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	08-30-2016
Leads:	12#12 ML4400B12		Y			Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP2961E

CAT.NO.	OF3415T		
SPEC.	10H073Y236		
HP	15		
VOLTS	230/460/796		
AMP	46/23/13.3		
RPM	1125		
FRAME	284T	HZ	60
SER.F.	1.15	CODE	G
NEMA-NOM-EFF	85.5	PF	71
RATING	40C AMB-CONT		
CC		DES	D
DE	6310	ODE	6309
ENCL	OPEN	SN	
		PH	3
		CLASS	F
		USABLE AT 208V	

Nameplate NP0090E

FRONT 6309

PULLEY 6310

LUBRICATE WITH

GREASE POLYREX EM

Parts List		
Part Number	Description	Quantity
SA142882	SA 10H073Y236	1.000 EA
RA132155	RA 10H073Y236	1.000 EA
10CB1000A09	CONDUIT BOX, MACH	1.000 EA
10GS1001	GASKET CONDUIT BOX NEOP	1.000 EA
10XN3118K16	5/16-18 X 1' GRADE #5, STL, ZINC PLATE	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
10EP1200A01	ENDPLATE, MACH FR. FOR RODENT SCREENS	1.000 EA
10AD2000A02	AIR DEFLECTOR, STAT	1.000 EA
HA4051A00	PLASTIC CAP FOR GREASE FITTING	1.000 EA
HA1103A02	310-560 RODENT SCREEN	1.000 EA
12XN0832A12	8-32 X 3/4 HEX HD SCREW	2.000 EA
XY0832A02	8-32 HEX NUT	2.000 EA
XY0832A02	8-32 HEX NUT	2.000 EA
HW1000A08	#8 SAE FLAT WASHER	2.000 EA
12XN0832A06	8-32 X 3/8 HEX HD SCREW	1.000 EA
HW1000A08	#8 SAE FLAT WASHER	1.000 EA
HW1001A10	WASHER, #10 SPLT LK, ZN X	3.000 EA
10XN3816K76	3/8-16 X 4.75 HEX HD CAP SCREW, GRADE 5	4.000 EA
HW1001A38	LOCKWASHER 3/8, ZINC PLT .688 OD, .382 I	4.000 EA
HW5100A11	W3917-042 WVY WSHR (WB)	1.000 EA
10XN3118K32	5/16-18 X 2.00" HEX HD, GRADE 5	4.000 EA

Parts List (continued)		
Part Number	Description	Quantity
HW1001A31	LOCKWASHER 5/16, ZINC PLT.591 OD, .319 I	4.000 EA
10XN3118K32	5/16-18 X 2.00" HEX HD, GRADE 5	4.000 EA
HW1001A31	LOCKWASHER 5/16, ZINC PLT.591 OD, .319 I	4.000 EA
10EP1200A02	ENDPLATE, MACH PU. FOR RODENT SCREENS	1.000 EA
10AD2000A02	AIR DEFLECTOR, STAT	1.000 EA
HA4051A00	PLASTIC CAP FOR GREASE FITTING	1.000 EA
HA1103A02	310-560 RODENT SCREEN	1.000 EA
12XN0832A12	8-32 X 3/4 HEX HD SCREW	2.000 EA
HW1000A08	#8 SAE FLAT WASHER	2.000 EA
12XN0832A06	8-32 X 3/8 HEX HD SCREW	1.000 EA
HW1000A08	#8 SAE FLAT WASHER	1.000 EA
HW1001A10	WASHER, #10 SPLT LK, ZN X	3.000 EA
10XN3816K76	3/8-16 X 4.75 HEX HD CAP SCREW, GRADE 5	4.000 EA
HW1001A38	LOCKWASHER 3/8, ZINC PLT .688 OD, .382 I	4.000 EA
10CB1500A01SP	CONDUIT BOX LID, MACH	1.000 EA
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
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
12XN1032A08	10-32X1/2 HEX HD SLTD	3.000 EA

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MJ1000A02	GREASE, POLYREX EM EXXON (USE 4824-15A)	0.130 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
12XN1032A08	10-32X1/2 HEX HD SLTD	3.000 EA
MG1025G03	WILKOFAS, 789.901, OIL RIG SILVER	0.070 GA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	4.000 EA
LB1119N	WARNING LABEL	1.000 EA
LC0321	CONNECTION LABEL	1.000 EA
NP2961E	ALUM CSA CC	1.000 EA
NP0090E	SS NO LOGO'S BEARING & GREASE DATA	1.000 EA
10PA1000	PACKAGING GROUP COMBINED PRINT PK1023A06	1.000 EA

AC Induction Motor Performance Data

Record # 22478 - Typical performance - not guaranteed values

Winding: 10WGY236-R001	Type: 1032M	Enclosure: OPEN
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Nameplate Data				460 V, 60 Hz: 2nd Voltage Connection	
Rated Output (HP)	15			Full Load Torque	69.6 LB-FT
Volts	230/460/796			Start Configuration	direct on line
Full Load Amps	46/23/13.3			Breakdown Torque	265 LB-FT
R.P.M.	1125			Pull-up Torque	136 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	189 LB-FT
NEMA Design Code	D	KVA Code	G	Starting Current	118 A
Service Factor (S.F.)	1.15			No-load Current	14.4 A
NEMA Nom. Eff.	85.5	Power Factor	71	Line-line Res. @ 25°C	0.611 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	57°C
S.F. Amps				Temp. Rise @ S.F. Load	69°C

Load Characteristics 460 V, 60 Hz, 15 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	30	49	63	71	76	79	74
Efficiency	78.9	85.5	86.6	85.8	84.3	82	84.9
Speed	1184	1170	1153	1133	1112	1085	1120
Line amperes	14.6	16.6	19.4	23.1	27.4	32.6	25.7

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





