

BALDOR® • RELIANCE

Product Information Packet

OF2276T

7.5HP,1125RPM,3PH,60HZ,254T,0932M,TEFC

Part Detail							
Revision:	Y	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	0932M	Elec. Spec:	09WGY655	CD Diagram:	CD0321
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	09F945	Layout:	09LYF945
Frame:	254T	Mounting:	F2	Poles:	06	Created Date:	
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	12-01-2014
Leads:	12#12 ML4400B12 Y					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP2960E									
CAT.NO.	OF2276T								
SPEC.	09F945Y655								
HP	7.5								
VOLTS	230/460/796								
AMP	25.8/12.9/7.5								
RPM	1125								
FRAME	254T	HZ			60	PH		3	
SER.F.	1.15	CODE			H	DES		D	CL F
NEMA-NOM-EFF	84	PF			67				
RATING	40C AMB-CONT								
CC		USABLE AT 208V							
DE	6309	ODE			6208				
ENCL	TEFC	SN							

Nameplate NP0090E	
FRONT	6208
PULLEY	6309
LUBRICATE WITH	
GREASE	POLYREX EM

Parts List		
Part Number	Description	Quantity
SA095328	SA 09F945Y655	1.000 EA
RA087793	RA 09F945Y655	1.000 EA
HW1002A63	WASHER, 5/8 HI-COLLAR SPRLCKWASHER	1.000 EA
09CB1002A12P	KOBX W/1.25 NPT LEAD HOLE & 2.38 MTG HOL	1.000 EA
09GS1010	GASKET, DWG, LEADWIRE SEPERATOR	1.000 EA
10XN2520K12	1/4-20 X.75 GRD 5	4.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	4.000 EA
WD1000B16	T&B CX70TN TERMINAL	1.000 EA
10XN2520K06	1/4-20 X 3/8" HX HD SCREWGRADE 5, ZINC P	1.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	1.000 EA
09EP1100A14PP5	ENDPLATE, MACH W/EPOXY PRIMER & PAINT	1.000 EA
HA4051A00	PLASTIC CAP FOR GREASE FITTING	1.000 EA
HA3400A33	STUD- 3/8-16 X 4.82 HEX WELKER	4.000 EA
HW1001A38	LOCKWASHER 3/8, ZINC PLT .688 OD, .382 I	4.000 EA
HW4600B44SP	V-RING SLINGER 1.500 X 2.290 X 0.280	1.000 EA
09FH1000E	FAN COVER,CAST W/E-COAT	1.000 EA
HW4600B44SP	V-RING SLINGER 1.500 X 2.290 X 0.280	1.000 EA
HW5100A08	W3118-035 WVY WSHR (WB)	1.000 EA
10XN2520K28	1/4-20 X 1.75" HX HD SCRWGRADE 5, ZINC P	2.000 EA
10XN2520K36	1/4-20 X 2.25" HX HD SCRWGRADE 5, ZINC P	4.000 EA
09EP1101A21P	SPL PU EP,MODEL 309 - 309 BRG, W/EPOXY P	1.000 EA
HA4051A00	PLASTIC CAP FOR GREASE FITTING	1.000 EA
10XN3816K24	3/8-16 X 1.50 HEX HD CAP SCREW, GRADE 5	4.000 EA
HW1001A38	LOCKWASHER 3/8, ZINC PLT .688 OD, .382 I	4.000 EA

Parts List (continued)		
Part Number	Description	Quantity
HW1001A38	LOCKWASHER 3/8, ZINC PLT .688 OD, .382 I	4.000 EA
XY3816A12	3/8-16 FINISHED NUT	4.000 EA
12CB1503A01E	CONDUIT BOX LID, MACH, WITH LIP	1.000 EA
12GS1002	GASKET, CONDUIT BOX LID, NEOP	1.000 EA
10XN3118K16	5/16-18 X 1" GRADE #5, STL, ZINC PLATE	2.000 EA
HW1001A31	LOCKWASHER 5/16, ZINC PLT .591 OD, .319 I	2.000 EA
HW2501G25	KEY, 3/8 SQ X 2.875	1.000 EA
MJ5001A27	32220KN GRAY SEALER	0.031 QT
LB1115N	LABEL,LIFTING DEVICE (ON ROLLS)	1.000 EA
HW4500A17	317400 ALEMITE GREASE RELIEF	1.000 EA
HW4500A05	1669B ALEM/UNIV860 GR FTG X	1.000 EA
HA4054	SHORT T-DRAIN FITTING, .125" N.P.T.	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.080 LB
HW4500A17	317400 ALEMITE GREASE RELIEF	1.000 EA
HW4500A03	GREASE FITTING, .125 NPT 1610(ALEMITE) 8	1.000 EA
HA4054	SHORT T-DRAIN FITTING, .125" N.P.T.	1.000 EA
09FN3001A01SP	EXTERNAL FAN, PLASTIC	1.000 EA
HW2500A25	WOODRUFF KEY USA #1008 #BLOW CARBON STEE	1.000 EA
51XB1214A20	12-14X1.25 HXWSSLD SERTYB	1.000 EA
MG1025G03	PAINT,789.901 WILKOFASST SILVER OIL FIEL	0.050 GA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	4.000 EA
LB1002N	LABEL,MARINE DUTY (ON ROLLS)	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 10/13	1.000 EA
MJ5001A14	DYNAPRO SEAL, CP MOTORS VC#2508050 (603	0.023 EA

Parts List (continued)		
Part Number	Description	Quantity
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	4.000 EA
LB1119N	WARNING LABEL	1.000 EA
LC0321	CONNECTION LABEL	1.000 EA
NP2960E	SS CP CSA CC	1.000 EA
NP0090E	SS NO LOGO'S BEARING & GREASE DATA	1.000 EA
09PA1000	PACKAGING GROUP COMBINED PRINT	1.000 EA

Accessories		
Part Number	Description	Multiplier
09-1309	C FACE KIT	A8

AC Induction Motor Performance Data

Record # 26092 - Typical performance - not guaranteed values

Winding: 09WGY655-R001	Type: 0932M	Enclosure: TEFC
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Nameplate Data				460 V, 60 Hz: 2nd Voltage Connection	
Rated Output (HP)	7.5			Full Load Torque	34.6 LB-FT
Volts	230/460/796			Start Configuration	direct on line
Full Load Amps	25/12.5/7.4			Breakdown Torque	148 LB-FT
R.P.M.	1125			Pull-up Torque	101 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	114 LB-FT
NEMA Design Code	D	KVA Code	H	Starting Current	66 A
Service Factor (S.F.)	1.15			No-load Current	8.67 A
NEMA Nom. Eff.	84	Power Factor	67	Line-line Res. @ 25°C	1.11 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	70°C
S.F. Amps				Temp. Rise @ S.F. Load	85°C

Load Characteristics 460 V, 60 Hz, 7.5 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	29	45	57	65	71	74	69
Efficiency	70.7	79.9	82.6	82.8	81.7	79.8	82.1
Speed	1185	1171	1154	1135	1114	1089	1122
Line amperes	8.83	9.74	11.1	12.9	15.2	17.8	14.3

Performance Graph at 460V, 60Hz, 7.5HP Typical performance - Not guaranteed values





