

BALDOR® • RELIANCE

Product Information Packet

EM2276T-G

7.5HP,1180RPM,3PH,60HZ,254T,0950M,TEFC,F

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Part Detail									
Revision:	B	Status:	PRD/A	Change #:		Proprietary:	No		
Type:	AC	Prod. Type:	0950M	Elec. Spec:	09WGZ590	CD Diagram:			
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	09J359	Layout:			
Frame:	254T	Mounting:	F1	Poles:	06	Created Date:	11-29-2011		
Base:	RG	Rotation:	R	Insulation:	H	Eff. Date:	09-24-2012		
Leads:	9#12	Literature:		Elec. Diagram:		Replaced By:			
Nameplate NP1259L									
CAT.NO.	EM2276T-G								
SPEC.	09J359Z590G1								
HP	7.5								
VOLTS	230/460								
AMP	21.4/10.7								
RPM	1180								
FRAME	254T	HZ			60	PH	3		
SER.F.	1.15	CODE			J	DES	B	CL	H
NEMA-NOM-EFF	91	PF			70				
RATING	40C AMB-CONT								
CC	010A	USABLE AT 208V			22.6				
DE	6309	ODE			6208				
ENCL	TEFC	SN							

Parts List		
Part Number	Description	Quantity
SA235030	SA 09J359Z590G1	1.000 EA
RA221994	RA 09J359Z590G1	1.000 EA
S/P107-000-005	SUPER-E PROC'S(254/6 FR.) ZK PLANT - POL	1.000 EA
HW1002A63	WASHER, 5/8 HI-COLLAR SPRICKWASHER	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
10XN2520K12	1/4-20 X.75 GRD 5	2.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	2.000 EA
WD1000B17	KPA-8C BURNDY TERMINAL	1.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
09EP1100A14SP	ENDPLATE, MACH	1.000 EA
XY3816A12	3/8-16 FINISHED NUT	4.000 EA
HW1001A38	LOCKWASHER 3/8, ZINC PLT .688 OD, .382 I	4.000 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
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	2.000 EA
09EP1101A11SP	PU ENDPLATE, MACH	1.000 EA
10XN2520K34	1/4-20X 2 1/8 HEX HD, GRADE 5	4.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	4.000 EA
BP5303	SHAFT GRD BOLT THROUGH (SGR-54.5-3FH)	1.000 EA
HW4600B44SP	V-RING SLINGER 1.500 X 2.290 X 0.280	1.000 EA
HA3113A02	THRUBOLT 3/8-16 X 16.750	4.000 EA
HW1001A38	LOCKWASHER 3/8, ZINC PLT .688 OD, .382 I	4.000 EA
09FH4000SP	FAN COVER, STAMPED	1.000 EA

Parts List (continued)

Part Number	Description	Quantity
HA2081A05	SPACER TUBE, 309 FAN HSG, 2.00 LONG	4.000 EA
XY3816A12	3/8-16 FINISHED NUT	4.000 EA
HW1001A38	LOCKWASHER 3/8, ZINC PLT .688 OD, .382 I	4.000 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
HW2501G26	KEY, 3/8 SQ X 3.000	1.000 EA
LB1115	LABEL,LIFTING DEVICE	1.000 EA
LB5040	INSTRUCTION TAG, AC & DC	1.000 EA
HW4500A05	1669B ALEM/UNIV860 GR FTG X	1.000 EA
HW4500A17	317400 ALEMITE GREASE RELIEF	1.000 EA
HA4001A01SP	DRAIN PLUG, PLASTIC (MICRO PLAS)	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.080 LB
HW4500A03	GREASE FITTING, .125 NPT 1610(ALEMITE) 8	1.000 EA
HW4500A17	317400 ALEMITE GREASE RELIEF	1.000 EA
HA4001A01SP	DRAIN PLUG, PLASTIC (MICRO PLAS)	1.000 EA
09FN3001A01	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
MG1000Y03	WILKO 689.710 GOLD PAINT SUPER E	0.050 GA
85XU0407A04	#4-7 X 1/4 DRIVE PIN	2.000 EA
LB1119	WARNING LABEL	1.000 EA
LB1125C02	SUPER-E (STOCK CTN LABEL SUPER-E WITH FL	4.000 EA
LB1357	ENERGY GUIDE LABEL (BOX LABEL)	1.000 SH

Parts List (continued)		
Part Number	Description	Quantity
LC0005	CONN.DIA.,TY M,9-LD,DUAL VOLT,REVERSING	1.000 EA
NP1259L	ALUM SUPER-E UL CSA-EEV CC NEMA PREMIUM	1.000 EA
09PA1000	PACKAGING GROUP COMBINED PRINT	1.000 EA

Performance Data at 460V, 60Hz, 7.5HP (Typical performance - Not guaranteed values)

General Characteristics							
Full Load Torque:		32.4 LB-FT		Start Configuration:		DOL	
No-Load Current:		5.88 Amps		Break-Down Torque:		94.2 LB-FT	
Line-line Res. @ 25°C.:		1.01 Ohms A Ph / 0.0 Ohms B Ph		Pull-Up Torque:		36.4 LB-FT	
Temp. Rise @ Rated Load:		33 C		Locked-Rotor Torque:		53.4 LB-FT	
Temp. Rise @ S.F. Load:		39 C		Starting Current:		67.0 Amps	
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	33.0	53.0	64.0	70.0	74.0	75.0	72.0
Efficiency:	82.3	89.3	90.7	91.3	91.4	90.6	91.4
Speed:	1196.0	1192.0	1189.0	1184.0	1178.0	1172.0	1180.0
Line Amperes:	6.37	7.54	8.93	10.8	13.0	15.9	12.1

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