

BALDOR® • RELIANCE

Product Information Packet

EM2333T

15HP,1765RPM,3PH,60HZ,254T,0944M,TEFC,F1

Part Detail							
Revision:	K	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	0944M	Elec. Spec:	09WGZ910	CD Diagram:	CD0005
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	09P11	Layout:	09LYP011
Frame:	254T	Mounting:	F1	Poles:	04	Created Date:	11-07-2012
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	09-27-2016
Leads:	9#12					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP3441LUA

CAT.NO.	EM2333T													
SPEC.	09P011Z910G1													
HP	15													
VOLTS	230/460													
AMP	36.2/18.1													
RPM	1765													
FRAME	254T					HZ		60				PH		3
SER.F.	1.15			CODE		H	DES		A	CL		F		
NEMA-NOM-EFF	92.4				PF		83							
RATING	40C AMB-CONT													
CC	010A				USABLE AT 208V								38	
DE	6309				ODE		6208							
ENCL	TEFC			SN										

 VPWM INVERTER READY
 CT6-60H(10:1)VT3-60H(20:1)

50Hz 15HP 190/380V 43.2/21.6A

SF1.0

Parts List		
Part Number	Description	Quantity
SA253898	SA 09P011Z910G1	1.000 EA
RA240710	RA 09P011Z910G1	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 SPRLCKWASHER	1.000 EA
09CB3002	CB W/1.38 LEAD HOLE FOR 37, 39, 307 & 30	1.000 EA
09GS1000	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	T&B CX35TN TERMINAL	1.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
09FE1100A194	FREP 09EP1100A194 FOR PLANT ROUTING	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
09EP1101A136	PU ENDPLATE, MACH	1.000 EA
HW4600B44	V-RING SLINGER 1.500 X 1.810 X .28 VITON	1.000 EA
10XN2520K36	1/4-20 X 2.25" HX HD SCRWGRADE 5, ZINC P	4.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	4.000 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
HA2081A05	SPACER TUBE, 309 FAN HSG, 2.00 LONG	4.000 EA

Parts List (continued)		
Part Number	Description	Quantity
XY3816A12	3/8-16 FINISHED NUT	4.000 EA
HW1001A38	LOCKWASHER 3/8, ZINC PLT .688 OD, .382 I	4.000 EA
09CB3501	CONDUIT BOX LID FOR 09CB3001 & 09CB3002	1.000 EA
09GS1013	09 GS FOR 09CB3501 LID - LEXIDE	1.000 EA
51XW2520A12	.25-20 X .75, TAPTITE II, HEX WSHR SLTD	2.000 EA
HW2501G25	KEY, 3/8 SQ X 2.875	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
HA4066A01	PUSH IN T-DRAIN FITTING (BLACK)	1.000 EA
HW4500A05	1669B ALEM/UNIV860 GR FTG X	1.000 EA
HW4500A17	317400 ALEMITE GREASE RELIEF	1.000 EA
HA4066A01	PUSH IN T-DRAIN FITTING (BLACK)	1.000 EA
MJ1000A02	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.080 LB
HA4051A00	PLASTIC CAP FOR GREASE FITTING	1.000 EA
09FN3001D01	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	MUNSELL 2.53Y 6.70/ 4.60, GLOSS 20,	0.050 GA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
LB1119N	WARNING LABEL	1.000 EA
LC0005	CONN.DIA.,TY M,9-LD,DUAL VOLT,REVERSING	1.000 EA

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NP3441LUA	ALUM SUPER-E VPWM INV READY UL	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 # 40347 - Typical performance - not guaranteed values

Winding: 09WGZ910-R001	Type: 0944M	Enclosure: TEFC
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Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	15			Full Load Torque	44.5 LB-FT
Volts	230/460			Start Configuration	direct on line
Full Load Amps	36.2/18.1			Breakdown Torque	153 LB-FT
R.P.M.	1765			Pull-up Torque	69.5 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	86.5 LB-FT
NEMA Design Code	A	KVA Code	H	Starting Current	127 A
Service Factor (S.F.)	1.15			No-load Current	7.56 A
NEMA Nom. Eff.	92.4	Power Factor	83	Line-line Res. @ 25°C	0.59555 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	54°C
S.F. Amps				Temp. Rise @ S.F. Load	67°C
				Rotor inertia	1.92 LB-FT ²

Load Characteristics 460 V, 60 Hz, 15 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	45	69	79	83	85	87	84
Efficiency	88.2	92.2	92.7	92.4	91.5	90.4	91.9
Speed	1791.3	1783.1	1774	1765.2	1754.6	1743.1	1759
Line amperes	8.62	11	14.5	18.1	22.6	26.9	20.8

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





