

BALDOR® • RELIANCE

Product Information Packet

EM3667T

1.5HP,1170RPM,3PH,60HZ,182T,0630M,TEFC,F

Part Detail							
Revision:	C	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	0630M	Elec. Spec:	06WGW969	CD Diagram:	CD0005
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	06C101	Layout:	06LYC101
Frame:	182T	Mounting:	F1	Poles:	06	Created Date:	12-02-2010
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	02-05-2013
Leads:	9#16					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1259L									
CAT.NO.	EM3667T								
SPEC.	06C101W969G2								
HP	1.5								
VOLTS	208-230/460								
AMP	5.2-5/2.5								
RPM	1170								
FRAME	182T	HZ			60	PH	3		
SER.F.	1.15	CODE			K	DES	B	CL	F
NEMA-NOM-EFF	87.5	PF			65				
RATING	40C AMB-CONT								
CC	010A	USABLE AT 208V							
DE	6206	ODE			6205				
ENCL	TEFC	SN							

Parts List		
Part Number	Description	Quantity
SA213050	SA 06C101W969G2	1.000 EA
RA200276	RA 06C101W969G2	1.000 EA
36FN3000C01SP	EXFN, PLASTIC, 5.25 OD, .912 ID	1.000 EA
S/P107-000-001	SUPER E PROC'S-FS, WS & CK PLTS	1.000 EA
HW3201A05	3/8-16 EYEBOLT	1.000 EA
06CB3000	BALDOR CONDUIT BOX CAST	1.000 EA
06GS1000	GASKET,CONDUIT BOX	1.000 EA
51XW2520A12	SCREW, HEX SER SLT HD, ZN, 1/4-20 X .75	2.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
HW3001B01	003SS CUP WASHER, FOR #8 SCREW	1.000 EA
36EP1101B47	FREP TEFC 205 W/GRSR, FAN CVR, LESS SW B	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
HW5100A05	WVY WSHR F/205 & 304 BRGS	1.000 EA
36EP1100A01	PU ENDPLATE MACH	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
HA3101A34	THRUBOLT- 1/4-20 X 10.375	4.000 EA
XY2520A12	1/4-20 HEX NUT, DIRECTIONAL SERRATIONS	4.000 EA
51XB1214A16	12-14X1.00 HXWSSLD SERTYB	1.000 EA
36FH4009A03SP	IEC FH , W/ AUTOPHERETIC PRIMER	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	3.000 EA
06CB3500	BALDOR CONDUIT BOX LID	1.000 EA
06GS1001	BALDOR CONDUIT BOX GASKET	1.000 EA
51XW2520A12	.25-20 X .75, TAPTITE II, HEX WSHR SLTD	2.000 EA
HW2501E16	3KEY, 1/4 SQ X 1.750	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
HA7000A02	KEY RETAINER RING, 1 1/8 DIA, 1 3/8 DIA	1.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
LB1115N	LABEL,LIFTING DEVICE (ON ROLLS)	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB
MG1000Y03	MUNSELL 2.53Y 6.70/ 4.60, GLOSS 20,	0.026 GA
LB1125C02	SUPER-E (STOCK CTN LABEL SUPER-E WITH FL	1.000 EA
LC0005E01	CONN.DIA./WARNING LABEL (LC0005/LB1119N)	1.000 EA
NP1259L	ALUM SUPER-E UL CSA-EEV CC NEMA PREMIUM	1.000 EA
36PA1001	PACKAGING GROUP	1.000 EA
LB1506	LABEL "AMERICAN MADE" 1.50 X 1.00	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 10/13	1.000 EA

Accessories		
Part Number	Description	Multiplier
36-1749	C FACE KIT	A8

AC Induction Motor Performance Data

Record # 35540 - Typical performance - not guaranteed values

Winding: 06WGW969-R002	Type: 0630M	Enclosure: TEFC
-------------------------------	--------------------	------------------------

Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	1.5			Full Load Torque	6.77 LB-FT
Volts	208-230/460			Start Configuration	direct on line
Full Load Amps	5.2-5/2.5			Breakdown Torque	24 LB-FT
R.P.M.	1170			Pull-up Torque	12.5 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	15.8 LB-FT
NEMA Design Code	B	KVA Code	K	Starting Current	16.2 A
Service Factor (S.F.)	1.15			No-load Current	1.63 A
NEMA Nom. Eff.	87.5	Power Factor	65	Line-line Res. @ 25°C	7 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	26°C
S.F. Amps				Temp. Rise @ S.F. Load	31°C
				Rotor inertia	0.282 LF ²

Load Characteristics 460 V, 60 Hz, 1.5 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	27	44	56	64	69	73	67
Efficiency	76.3	84.8	86.9	87.6	87.1	85.9	87.3
Speed	1194	1187	1179	1172	1163	1153	1167
Line amperes	1.7	1.9	2.18	2.51	2.92	3.38	2.76

Performance Graph at 460V, 60Hz, 1.5HP Typical performance - Not guaranteed values





