

BALDOR® • RELIANCE

Product Information Packet

EM3207T

1.5HP,1170RPM,3PH,60HZ,182T,3628M,OPSB,F

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Part Detail									
Revision:	C	Status:	PRD/A	Change #:		Proprietary:	No		
Type:	AC	Prod. Type:	3628M	Elec. Spec:	36WGS949	CD Diagram:			
Enclosure:	OPSB	Mfg Plant:		Mech. Spec:	36G548	Layout:			
Frame:	182T	Mounting:	F1	Poles:	06	Created Date:	05-30-2012		
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	07-27-2012		
Leads:	9#16	Literature:		Elec. Diagram:		Replaced By:			
Nameplate NP1259L									
CAT.NO.	EM3207T								
SPEC.	36G548S949G1								
HP	1.5								
VOLTS	208-230/460								
AMP	5.1-5/2.5								
RPM	1170								
FRAME	182T	HZ			60	PH	3		
SER.F.	1.15	CODE			K	DES	B	CL	F
NEMA-NOM-EFF	86.5	PF			64				
RATING	40C AMB-CONT								
CC	010A	USABLE AT 208V							
DE	6206	ODE			6205				
ENCL	OPSB	SN							

Parts List		
Part Number	Description	Quantity
SA245354	SA 36G548S949G1	1.000 EA
RA232240	RA 36G548S949G1	1.000 EA
S/P107-000-001	SUPER E PROC'S-FS & WS PLTS-POLYREX EM G	1.000 EA
36CB3004	36 CB CASTING W/1.09 DIA LEAD HOLE @ 6:0	1.000 EA
51XB1016A08	10-16X 1/2HXWSSLD SERTYB	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
36EP3200A01SP	FR ENDPLATE, MACH	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
HW5100A05	WVY WSHR F/205 & 304 BRGS	1.000 EA
36EP3201A01	PU ENDPLATE, MACH 182-4T	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
XY2520A12	1/4-20 HEX NUT, DIRECTIONAL SERRATIONS	4.000 EA
36CB4516	36 LIPPED CB LID	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 EA
HW2501E16	3KEY, 1/4 SQ X 1.750	1.000 EA
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
MJ1000A75	GREASE, POLYREX EM EXXON	0.050 LB
HA3101A25	THRUBOLT 1/4-20 X 11.000 OHIO ROD	4.000 EA
36AD2004A01	BAFFLE PLATE,MOD 36-SLTD BAND MTRS DELTA	2.000 EA
MG1000Y03	WILKO 689.710 GOLD PAINT SUPER E	0.022 GA
LC0005E01	CONN.DIA./WARNING LABEL (LC0005/LB1119)	1.000 EA
LB1125C02	SUPER-E (STOCK CTN LABEL SUPER-E WITH FL	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
LB1357	ENERGY GUIDE LABEL (BOX LABEL)	1.000 SH
NP1259L	ALUM SUPER-E UL CSA-EEV CC NEMA PREMIUM	1.000 EA
36PA1000	PACK GROUP W/LB5001	1.000 EA

Accessories		
Part Number	Description	Multiplier
36-3403	C FACE KIT	A8
36EP1405A09SP	D-FLANGE KIT	A8

Performance Data at 460V, 60Hz, 1.5HP (Typical performance - Not guaranteed values)

General Characteristics							
Full Load Torque:		6.72 LB-FT		Start Configuration:		DOL	
No-Load Current:		1.65 Amps		Break-Down Torque:		22.0 LB-FT	
Line-line Res. @ 25°C.:		8.0884 Ohms A Ph / 0.0 Ohms B Ph		Pull-Up Torque:		13.4 LB-FT	
Temp. Rise @ Rated Load:		24 C		Locked-Rotor Torque:		15.4 LB-FT	
Temp. Rise @ S.F. Load:		28 C		Starting Current:		15.8 Amps	
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	27.0	43.0	55.0	64.0	69.0	73.0	67.0
Efficiency:	75.7	84.3	86.6	87.0	86.5	85.4	86.7
Speed:	1192.8	1185.9	1178.5	1170.6	1161.7	1151.4	1165.0
Line Amperes:	1.72	1.91	2.18	2.52	2.94	3.39	2.77

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





