

BALDOR® • RELIANCE

Product Information Packet

JMM2506T

7.5HP,1150RPM,3PH,60HZ,254JM,3756M,OPSB

Part Detail							
Revision:	F	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3756M	Elec. Spec:	37WGT972	CD Diagram:	CD0005
Enclosure:	OPSB	Mfg Plant:		Mech. Spec:	37G107	Layout:	37LYG107
Frame:	254JM	Mounting:	F1	Poles:	06	Created Date:	07-25-2012
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	03-17-2014
Leads:	9#14					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1256L									
CAT.NO.	JMM2506T								
SPEC.	37G107T972H1								
HP	7.5								
VOLTS	208-230/460								
AMP	22.9-22.4/11.2								
RPM	1160								
FRAME	254JM	HZ			60	PH	3		
SER.F.	1.15	CODE			K	DES	A	CLASS	F
NEMA-NOM-EFF	88.5	PF			70				
RATING	40C AMB-CONT								
CC	010A	USABLE AT 208V							
DE	6309	ODE			6206				
ENCL	OPSB	SN							

Parts List		
Part Number	Description	Quantity
SA248212	SA 37G107T972H1	1.000 EA
RA235079	RA 37G107T972H1	1.000 EA
HA6361A01	LIFTING LUG FOR 37, 39 & 40 FRAME (AUTOP	2.000 EA
09CB3000SP	CONDUIT BOX CAST	1.000 EA
HA6429	KO BOX ADAPTER REXITE	1.000 EA
19XW2520A16	SCREW,1/4-20X1 TAPTITE-II OR ROLOC 91	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
37EP3200A31	FR ENDPLATE, 37L&M, OPEN, MACH, W/GREASE	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
HW4500A17	317400 ALEMITE GREASE RELIEF	1.000 EA
HA1104A01	RODENT SCREEN 37 FRAME 206 BRG FRONT END	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	4.000 EA
HW1000A10	#10 FLAT WASHER (SAE)	4.000 EA
HW5100A06	W2420-025 WVY WSHR (WB)	1.000 EA
37EP3401A12	PUEP W/GRS, REL, SLINGER MF, NO BAFFLE	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
HW4500A17	317400 ALEMITE GREASE RELIEF	1.000 EA
HA1222	RODENT SCREEN - 37 C-FACE MOTORS	4.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	4.000 EA
HW1000A10	#10 FLAT WASHER (SAE)	4.000 EA
10XN2520A36	1/4-20X 2 1/4 HEX HD X	4.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	4.000 EA
XY3118A12	5/16-18 HEX NUT DIRECTIONAL SERRATION	4.000 EA

Parts List (continued)		
Part Number	Description	Quantity
09CB3500SP	CONDUIT BOX LID, CAST	1.000 EA
51XW2520A10	.25-20 X .62, TAPTITE II, HEX WSHR SLTD	2.000 EA
HW4600B67	FORSHEDA #V45A FACE SEAL	1.000 EA
HW2501E18	KEY, 1/4 SQ X 2.000	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
LB1115N	LABEL,LIFTING DEVICE (ON ROLLS)	1.000 EA
WD1000B17	T&B CX35TN TERMINAL	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB
MG1000G27	MED CHARCOAL METALLIC GREY	0.028 GA
37AD2001A01	BAFFLE PLATE, STAMPED	2.000 EA
HA3104A29	THRUBOLT, .31-18 X 15.19	4.000 EA
LC0005E01	CONN.DIA./WARNING LABEL (LC0005/LB1119N)	1.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA
NP1256L	ALUM UL CSA CC	1.000 EA
37PA1052	PALLET PACK GRP, 150 LB MTR 2 X 4 RUNNER	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

AC Induction Motor Performance Data

Record # 40470 - Typical performance - not guaranteed values

Winding: 37WGT972-R001	Type: 3756M	Enclosure: OPSB
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Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	7.5			Full Load Torque	33.6 LB-FT
Volts	208-230/460			Start Configuration	direct on line
Full Load Amps	22.9-22.4/11.2			Breakdown Torque	123 LB-FT
R.P.M.	1160			Pull-up Torque	75.6 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	86.6 LB-FT
NEMA Design Code	A	KVA Code	K	Starting Current	80.9 A
Service Factor (S.F.)	1.15			No-load Current	5.82 A
NEMA Nom. Eff.	88.5	Power Factor	70	Line-line Res. @ 25°C	1.1503 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	48°C
S.F. Amps				Temp. Rise @ S.F. Load	60°C
				Rotor inertia	1.39 LF ²

Load Characteristics 460 V, 60 Hz, 7.5 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	33	52	64	70	73	76	72
Efficiency	84.3	89.2	89.8	89.1	87.8	86.1	88.3
Speed	1190.8	1182	1172.3	1161.8	1149.7	1135.6	1155
Line amperes	6.28	7.45	9.14	11.2	13.6	16.1	12.6

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





