

BALDOR® • RELIANCE

Product Information Packet

JMM2524T

15HP,1175RPM,3PH,60HZ,284JM,3958M,OPSB,F

Part Detail							
Revision:	K	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3958M	Elec. Spec:	39WGW953	CD Diagram:	CD0180
Enclosure:	OPSB	Mfg Plant:		Mech. Spec:	39N090	Layout:	39LYN090
Frame:	284JM	Mounting:	F1	Poles:	06	Created Date:	05-11-2005
Base:	RG	Rotation:	R	Insulation:	B	Eff. Date:	11-13-2014
Leads:	9#12					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1256L										
CAT.NO.	JMM2524T									
SPEC.	39N090W953									
HP	15									
VOLTS	230/460									
AMP	42.6/21.3									
RPM	1175									
FRAME	284JM	HZ			60	PH		3		
SER.F.	1.15	CODE			H	DES		B	CLASS	B
NEMA-NOM-EFF	90.2	PF			73					
RATING	40C AMB-CONT									
CC	010A	USABLE AT 208V			50					
DE	6312	ODE			6208					
ENCL	OPSB	SN								

Parts List		
Part Number	Description	Quantity
SA128412	SA 39N090W953	1.000 EA
RA118579	RA 39N090W953	1.000 EA
HW3201A01	1/2-13 EYEBOLT	1.000 EA
09CB2800A03	ADAPTER MACH FOR 10CB3000	1.000 EA
19XW3118A08	.31-18 X .50 HEX WASHER HEAD TAPTITE II	2.000 EA
HW1001A31	LOCKWASHER 5/16, ZINC PLT.591 OD, .319 I	2.000 EA
39EP1404A03	FACE MTD.EP MACH. 284-6 OPEN	1.000 EA
HA1221	RODENT SCREEN 39EP1404	4.000 EA
HW3207A04	CABLE TIE 5 5/8 X .14" BLACK	8.000 EA
10CB3000SP	STD KO BOX MODEL 310,312,314 MTRS W/2.00	1.000 EA
19XW3118A12	.31-18 X .75 HEX WASHER HEAD TAPTITE II	4.000 EA
HW1001A31	LOCKWASHER 5/16, ZINC PLT.591 OD, .319 I	4.000 EA
WD1000B16	T&B CX70TN TERMINAL	1.000 EA
51XF2520A08	SCREW, HEX SER SLT HD, ZN 1/4-20 X .50 L	1.000 EA
39EP3200A01SP	FR/PU ENDPLATE, MACH	1.000 EA
HA4051A00	PLASTIC CAP FOR GREASE FITTING	1.000 EA
HA1101A01	RODENT SCREEN, 39 MTR	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	4.000 EA
HW5100A08	W3118-035 WVY WSHR (WB)	1.000 EA
10XN3118K40	5/16-18 X 2.50" HEX HD, GRADE 5	4.000 EA
HW1001A31	LOCKWASHER 5/16, ZINC PLT.591 OD, .319 I	4.000 EA
HA4051A00	PLASTIC CAP FOR GREASE FITTING	1.000 EA
HW4600B41	V-RING SLINGER 2.125 X 2.880 X 0.280	1.000 EA
XY3816A12	3/8-16 FINISHED NUT	4.000 EA

Parts List (continued)		
Part Number	Description	Quantity
10CB3500	CONDUIT BOX LID, CAST	1.000 EA
51XW2520A12	.25-20 X .75, TAPTITE II, HEX WSHR SLTD	4.000 EA
HW2501E22	KEY, 1/4 SQ X 2.500	1.000 EA
LB1115N	LABEL,LIFTING DEVICE (ON ROLLS)	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 10/13	1.000 EA
HW4500A03	GREASE FITTING, .125 NPT 1610(ALEMITE) 8	1.000 EA
HW4500A20	1/8NPT SL PIPE PLUG	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.030 LB
HW4500A03	GREASE FITTING, .125 NPT 1610(ALEMITE) 8	1.000 EA
HW4500A20	1/8NPT SL PIPE PLUG	1.000 EA
MG1000G27	MED CHARCOAL METALLIC GREY	0.050 GA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
HA3113A12	THRUBOLT 3/8-16X18.250	4.000 EA
39AD2002A01	BAFFLE PLATE 39 OPEN, SLOTTED BAND MTRS	2.000 EA
LB1119N	WARNING LABEL	1.000 EA
LC0181	CONNECTION LABEL	1.000 EA
NP1256L	ALUM UL CSA CC	1.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	4.000 EA
40PA1000	PACKAGING GROUP	1.000 EA
LB1506	LABEL "AMERICAN MADE" 1.50 X 1.00	1.000 EA

AC Induction Motor Performance Data

Record # 20794 - Typical performance - not guaranteed values

Winding: 39WGW953-R001	Type: 3958M	Enclosure: OPSB
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Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	15			Full Load Torque	66.8 LB-FT
Volts	230/460			Start Configuration	direct on line
Full Load Amps	42.6/21.3			Breakdown Torque	194 LB-FT
R.P.M.	1175			Pull-up Torque	85.4 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	116 LB-FT
NEMA Design Code	B	KVA Code	H	Starting Current	126.5 A
Service Factor (S.F.)	1.15			No-load Current	9.8 A
NEMA Nom. Eff.	90.2	Power Factor	73	Line-line Res. @ 25°C	0.569 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	45°C
S.F. Amps				Temp. Rise @ S.F. Load	61°C
				Rotor inertia	4.66 LF ²

Load Characteristics 460 V, 60 Hz, 15 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	38	58	68	73	75	75	74
Efficiency	83.7	89.3	90.3	90.2	89.2	87.8	89.6
Speed	1194	1189	1183	1177	1169	1161	1172
Line amperes	11.01	13.53	17.13	21.3	26.3	32	24.3

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





