

BALDOR® • RELIANCE

Product Information Packet

M1211T

15/3.8HP,1770/880RPM,3PH,60HZ,254T,3936M

Part Detail							
Revision:	G	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3936M	Elec. Spec:	39WGX560	CD Diagram:	CD0032
Enclosure:	OPSB	Mfg Plant:		Mech. Spec:	39D101	Layout:	39LYD101
Frame:	254T	Mounting:	F1	Poles:	04/08	Created Date:	03-14-2007
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	12-15-2014
Leads:	6#12					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1256L									
CAT.NO.	M1211T								
SPEC.	39D101X560G1								
HP	15/3.8								
VOLTS	460								
AMP	20/8.7								
RPM	1770/880								
FRAME	254T	HZ			60	PH		3	
SER.F.	1.15	CODE			H	DES		B	CLASS
NEMA-NOM-EFF		PF							
RATING	40C AMB-CONT								
CC		USABLE AT 208V							
DE	6309	ODE			6208				
ENCL	OPSB	SN							

Parts List		
Part Number	Description	Quantity
SA154750	SA 39D101X560G1	1.000 EA
RA143425	RA 39D101X560G1	1.000 EA
HA6361A01	LIFTING LUG FOR 37, 39 & 40 FRAME (AUTOP	2.000 EA
HA6016	ADAPTER, CAST CONDUIT BOX	1.000 EA
09CB3002SP	CB W/1.38 LEAD HOLE FOR 37, 39, 307 & 30	1.000 EA
51XW2520A12	.25-20 X .75, TAPTITE II, HEX WSHR SLTD	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
39EP3200A01SP	FR/PU ENDPLATE, MACH	1.000 EA
HA4051A00	PLASTIC CAP FOR GREASE FITTING	1.000 EA
HW5100A08	W3118-035 WVY WSHR (WB)	1.000 EA
39EP3201A13	PU ENDPLATE, MACH	1.000 EA
HA4051A00	PLASTIC CAP FOR GREASE FITTING	1.000 EA
XY3816A12	3/8-16 FINISHED NUT	8.000 EA
09CB3501SP	CONDUIT BOX LID FOR 09CB3001 & 09CB3002	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
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

Parts List (continued)		
Part Number	Description	Quantity
MG1000G27	MED CHARCOAL METALLIC GREY	0.050 GA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 10/13	1.000 EA
HA3154A09	TB STUD 3/8-16 X 16.25	4.000 EA
39AD2002A01	BAFFLE PLATE 39 OPEN, SLOTTED BAND MTRS	1.000 EA
39AD2002A01	BAFFLE PLATE 39 OPEN, SLOTTED BAND MTRS	1.000 EA
LB1119N	WARNING LABEL	1.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	4.000 EA
LC0032	CONNECTION LABEL	1.000 EA
NP1256L	ALUM UL CSA CC	1.000 EA
39PA1000	PACKAGING GROUP 39 PRINT	1.000 EA
LB1506	LABEL "AMERICAN MADE" 1.50 X 1.00	1.000 EA

Accessories		
Part Number	Description	Multiplier
39-3400	C FACE KIT	A8

AC Induction Motor Performance Data

Record # 23890 - Typical performance - not guaranteed values

Winding: 39WGX560-R002	Type: 3936M	Enclosure: OPSB
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Nameplate Data				460 V, 60 Hz: High Speed Connection	
Rated Output (HP)	15/3.8			Full Load Torque	44.8 LB-FT
Volts	460			Start Configuration	direct on line
Full Load Amps	20/8.7			Breakdown Torque	152 LB-FT
R.P.M.	1770/880			Pull-up Torque	58.2 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	83.3 LB-FT
NEMA Design Code	B	KVA Code	H	Starting Current	128 A
Service Factor (S.F.)	1.15			No-load Current	9.97 A
NEMA Nom. Eff.	0	Power Factor	0	Line-line Res. @ 25°C	0.794 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	38°C
S.F. Amps				Temp. Rise @ S.F. Load	42°C

Load Characteristics 460 V, 60 Hz, 15 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	40	61	72	79	82	83	81
Efficiency	80.2	87.8	90.3	89.8	90.2	89	90
Speed	1791	1785	1778	1771	1763	1754	1766
Line amperes	11	13.2	16.2	20	23.6	28.1	22.2

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





