

BALDOR® • *RELIANCE*

Product Information Packet

JM3006

.33HP,3450RPM,3PH,60HZ,56J,3410M,OPEN,F1

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Part Detail							
Revision:	Q	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3410M	Elec. Spec:	34WG5464	CD Diagram:	
Enclosure:	OPEN	Mfg Plant:		Mech. Spec:	34F038	Layout:	
Frame:	56J	Mounting:	F1	Poles:	02	Created Date:	
Base:	N	Rotation:	R	Insulation:	B	Eff. Date:	06-09-2011
Leads:	9#18	Literature:		Elec. Diagram:		Replaced By:	

Nameplate NP1256L									
CAT.NO.	JM3006								
SPEC.	34F38-5464								
HP	.33								
VOLTS	230/460								
AMP	1.6/.8								
RPM	3450								
FRAME	56J	HZ	60	PH	3				
SER.F.	1.75	CODE	P	DES	B	CLASS	B		
NEMA-NOM-EFF	62	PF	61						
RATING	40C AMB-CONT								
CC				USABLE AT 208V	2.4				
DE	6203	ODE	6203						
ENCL	OPEN	SN							
	SFA 2.2/1.1								

Parts List		
Part Number	Description	Quantity
SA018248	SA 34F38-5464	1.000 EA
RA014403	RA 34F38-5464	1.000 EA
NS2512A01	INSULATOR, CONDUIT BOX X	1.000 EA
34CB3002A	CB CAST W/.88 DIA HOLE	1.000 EA
51XB1016A07	10-16 X 7/16 HXWSSLD SERTYB	2.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
34EP3212A03	FR EP 34L FOR DRIP CVR	1.000 EA
HW5100A03SP	WAVY WASHER (W1543-017)	1.000 EA
34EP3401A01SP	PU ENDPLATE, MACH	1.000 EA
34AD2000	BAFFLE PLATE, STAMPED	1.000 EA
51XT0632A06	6-32X3/8 TY23 HXWS SLDSR	4.000 EA
51XN1032A20	10-32 X 1 1/4 HX WS SL SR	2.000 EA
34FH4001A04	DRIP COVER, STAMPED	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	3.000 EA
WD4101A09	STIMPSON D3560, .875 DIA. HOLE PLUG	1.000 EA
34CB4517	CB LID 4 MTG HOLES .22 DIA STAMPED, FOR	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 EA
RM1010A01	35-968-1 VINYL CLS	1.000 EA
MG1000G27	PAINT- S9282E CHARCOAL GREY	0.014 GA
10XF0440S02	04-40 X 1/8 TYPE F HEX HD STAINLESS STIC	2.000 EA
HA3100A12	THRUBOLT 10-32 X 7.375	4.000 EA
LB5040	INSTRUCTION TAG, AC & DC	1.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA
LC0005E01	CONN.DIA./WARNING LABEL (LC0005/LB1119)	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
NP1256L	ALUM UL CSA CC	1.000 EA
34PA1002	PACKING GROUP, BALDOR	1.000 EA
PK3083T	STYROFOAM PACKING CRADLE W/TAPE	1.000 EA

Performance Data at 460V, 60Hz, 0.33HP (Typical performance - Not guaranteed values)

General Characteristics							
Full Load Torque:	0.5 LB-FT			Start Configuration:	DOL		
No-Load Current:	0.76 Amps			Break-Down Torque:	3.25 LB-FT		
Line-line Res. @ 25°C.:	38.5 Ohms A Ph / 0.0 Ohms B Ph			Pull-Up Torque:	2.1 LB-FT		
Temp. Rise @ Rated Load:	14 C			Locked-Rotor Torque:	2.54 LB-FT		
Temp. Rise @ S.F. Load:	18 C			Starting Current:	5.4 Amps		
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	27.0	36.0	45.0	53.0	60.0	66.0	74.0
Efficiency:	37.0	54.0	62.0	67.5	70.0	72.0	75.0
Speed:	3568.0	3548.0	3526.0	3503.0	3479.0	3454.0	3431.0
Line Amperes:	0.77	0.79	0.82	0.86	0.91	0.97	1.01

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