

BALDOR® • RELIANCE

Product Information Packet

L1206M

.33HP,1725RPM,1PH,60HZ,48,3414L,OPEN,F1

Part Detail							
Revision:	W	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3414L	Elec. Spec:	34WG5600	CD Diagram:	CD0008
Enclosure:	OPEN	Mfg Plant:		Mech. Spec:	34F001	Layout:	34LYF001
Frame:	48	Mounting:	F1	Poles:	04	Created Date:	
Base:	RG	Rotation:	R	Insulation:	B	Eff. Date:	07-26-2016
Leads:	7#18					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1257L

CAT.NO.	L1206M										
SPEC.	34F01-5600										
HP	.33										
VOLTS	115/230										
AMP	6/3										
RPM	1725										
FRAME	48				HZ 60				PH 1		
SER.F.	1.35			CODE L		DES N		CL B			
NEMA-NOM-EFF	60			PF 60							
RATING	40C AMB-CONT										
CC				USABLE AT 208V 3.6							
DE	6203			ODE 6203							
ENCL	OPEN			SN							
	SFA 6.8/3.4										

Parts List		
Part Number	Description	Quantity
SA007602	SA 34F01-5600	1.000 EA
RA003989	RA 34F01-5600	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
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	2.000 EA
SP1006A01	TERM. BOARD, MODE 35 SW X H-23655	1.000 EA
34EP3210A01SP	FR ENDPLATE, MACH	1.000 EA
NS2500A01	INSULATOR, AUTO THER PROT	1.000 EA
WD1000A16	2-520128-2 AMP FLAG TERMINAL(4M/RL)	1.000 EA
34CB4800SP	CAPACITOR COVER, STAMPED PRIMED	1.000 EA
51XB1016A05	10-16X5/16HX WA SL SR TYB (F/S)	2.000 EA
HW5100A03	WAVY WASHER (W1543-017)	1.000 EA
34EP3212A02	PU ENDPLATE, MODEL 34 OPEN	1.000 EA
XY1032A02	10-32 HEX NUT DIRECTIONAL SERRATION	4.000 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
MG1000G27	MED CHARCOAL METALLIC GREY 400-0096	0.014 GA
10XF0440S02	04-40 X 1/8 TYPE F HEX HD STAINLESS STIC	2.000 EA
SP5051B16	MDL 34 TORQ STAT SW,TYPE L , STD F1 & F2	1.000 EA
EC1189A02SP	61B2D120189NNBA ELEC CAP, 189-227MFD, 12	1.000 EA
HA3100A12	THRUBOLT 10-32 X 7.375	4.000 EA
LB1087	LABEL,MANUAL RESET (ROLL LABEL)	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
LB1119N	WARNING LABEL	1.000 EA
LC0008	CONNECTION LABEL	1.000 EA
NP1257L	ALUM UL CSA CC THERMAL REV MTG	1.000 EA
34PA1002	PKG GRP, PRINT PK1001A01	1.000 EA

AC Induction Motor Performance Data

Record # 6788 - Typical performance - not guaranteed values

Winding: 34WG5600-R001	Type: 3414L	Enclosure: OPEN
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Nameplate Data				230 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	.33			Full Load Torque	1 LB-FT
Volts	115/230			Start Configuration	direct on line
Full Load Amps	6/3			Breakdown Torque	2.95 LB-FT
R.P.M.	1725			Pull-up Torque	2.55 LB-FT
Hz	60	Phase	1	Locked-rotor Torque	3.6 LB-FT
NEMA Design Code	N	KVA Code	L	Starting Current	13 A
Service Factor (S.F.)	1.35			No-load Current	2.6 A
NEMA Nom. Eff.	60	Power Factor	60	Line-line Res. @ 25°C	6.32 Ω A Ph 4.93 Ω B Ph
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	43°C
S.F. Amps	6.8/3.4			Temp. Rise @ S.F. Load	53°C

Load Characteristics 230 V, 60 Hz, 0.33 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	31	41	51	60	66	72	70
Efficiency	34	49	56	60	62	63	63
Speed	1783	1765	1745	1730	1710	1680	1695
Line amperes	2.6	2.7	2.8	3	3.3	3.7	3.4

Performance Graph at 230V, 60Hz, 0.33HP Typical performance - Not guaranteed values





