

BALDOR® • RELIANCE

Product Information Packet

JL1323A

3HP,3450RPM,1PH,60HZ,56J,3535LC,OPEN,F1

Part Detail							
Revision:	AX	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3535LC	Elec. Spec:	35WGY105	CD Diagram:	CD0661
Enclosure:	OPEN	Mfg Plant:		Mech. Spec:	35H992	Layout:	35LYH992
Frame:	56J	Mounting:	F1	Poles:	02	Created Date:	06-22-2007
Base:	N	Rotation:	FOS	Insulation:	B	Eff. Date:	01-09-2013
Leads:	2#14 A PH,2#18 B&J					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1257L									
CAT.NO.	JL1323A								
SPEC.	35H992Y105								
HP	3								
VOLTS	230								
AMP	13								
RPM	3450								
FRAME	56J	HZ			60	PH	1		
SER.F.	1.15	CODE			K	DES	L	CL	B
NEMA-NOM-EFF	82.5	PF			93				
RATING	40C AMB-CONT								
CC		USABLE AT 208V			13.9				
DE	6205	ODE			6203				
ENCL	OPEN	SN							

Parts List		
Part Number	Description	Quantity
SA025758	SA 35H992Y105	1.000 EA
RA021808	RA 35H992Y105	1.000 EA
OC3020F12SP	CYL OIL CAP 20MFD/370V	1.000 EA
EC1216C06SP	ELEC CAP, 216-259 MFD, 250V, 2.06D X 4.	1.000 EA
TP5059	GENERIC THERMAL KIT	1.000 EA
53XT0832G07	8-32X7/16 PN STD SR TY23G X	1.000 EA
35EP3202A02SP	FR ENDPLATE, MACH	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	2.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
LB1009N	LABEL,ROTATION DIRECTION (ON ROLLS)	1.000 EA
35CB3801SP	CAPACITOR COVER, CAST	1.000 EA
HA7010	CAPACITOR RETENTION CLAMP	1.000 EA
NS2501A02	INSULATOR, CAPACITOR BOX	1.000 EA
51XB1016A08	10-16X 1/2HXWSSLD SERTYB	2.000 EA
HW5100A03SP	WAVY WASHER (W1543-017)	1.000 EA
35EP3400A13	STD FACE MTD END PLATE OPEN NEMA 56C 05	1.000 EA
35AD2000	AIR BAFFLE	1.000 EA
60XW0632A06	6-32 X 3/8 TORX HEAD SCREW TAPTITE II	4.000 EA
51XN1032A20	10-32 X 1 1/4 HX WS SL SR	2.000 EA
35FH4500A02	DRIP COVER, STAMPED (W/ AUTOPHERETIC PRI	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	2.000 EA
35CB4500SP	TERMINAL BOX LID STAMPED	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	2.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB

Parts List (continued)		
Part Number	Description	Quantity
MG1000G27	MED CHARCOAL METALLIC GREY	0.017 GA
WD1000A15	3-520132-2 AMP FLAG (4M/RL NON-CANC/NON-	4.000 EA
SP5066A03	MODEL 35 TERMINAL PANEL SWITCH WITH LEAD	1.000 EA
34GS5003	FOAM SLEEVE, ID = 2 1/16" X 3 3/8"	2.000 EA
HA3100A18	THRUBOLT 10-32 X 9.250	4.000 EA
LB1118	LABEL,WARNING (ROLL LABEL)	1.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA
LC0369	CONNECTION LABEL, SV, FIX, W&W/O TP, TER	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 10/13	1.000 EA
NP1257L	ALUM UL CSA CC THERMAL REV MTG	1.000 EA
35PA1066	PACKING GROUP COMBINED PRINT	1.000 EA
PK3082	STYROFOAM CRADLE	1.000 EA
LB1506	LABEL "AMERICAN MADE" 1.50 X 1.00	1.000 EA

AC Induction Motor Performance Data

Record # 10140 - Typical performance - not guaranteed values

Winding: 35WGY105-R001	Type: 3535LC	Enclosure: OPEN
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Nameplate Data				230 V, 60 Hz: Single Voltage Motor	
Rated Output (HP)	3			Full Load Torque	4.5 LB-FT
Volts	230			Start Configuration	direct on line
Full Load Amps	13			Breakdown Torque	15.5 LB-FT
R.P.M.	3450			Pull-up Torque	13 LB-FT
Hz	60	Phase	1	Locked-rotor Torque	13 LB-FT
NEMA Design Code	L	KVA Code	K	Starting Current	108 A
Service Factor (S.F.)	1.15			No-load Current	5 A
NEMA Nom. Eff.	82.5	Power Factor	93	Line-line Res. @ 25°C	0.614 Ω A Ph 2.53 Ω B Ph
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	49°C
S.F. Amps				Temp. Rise @ S.F. Load	62°C

Load Characteristics 230 V, 60 Hz, 3 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	72	85	90	93	94	94	0
Efficiency	68.5	78.5	82	82.5	82.5	81	0
Speed	3578	3556	3535	3517	3487	3450	0
Line amperes	6	7.9	10.3	13	16	19	14.8

Performance Graph at 230V, 60Hz, 3.0HP Typical performance - Not guaranteed values





