

BALDOR® • RELIANCE

Product Information Packet

L1322TM

2HP,1725RPM,1PH,60HZ,145T,3532LC,OPEN,F1

Part Detail							
Revision:	F	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3532LC	Elec. Spec:	35WGY690	CD Diagram:	CD0320
Enclosure:	OPEN	Mfg Plant:		Mech. Spec:	35EE002	Layout:	35LYEE002
Frame:	145T	Mounting:	F1	Poles:	04	Created Date:	12-22-2009
Base:	RG	Rotation:	R	Insulation:	B	Eff. Date:	03-17-2016
Leads:	4#16 A&J,2#18 B PH,1#14 #4TH					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1257L

CAT.NO.	L1322TM									
SPEC.	35EE002Y690									
HP	2									
VOLTS	115/230									
AMP	18.4/9.2									
RPM	1725									
FRAME	145T						HZ	60		
SER.F.	1.15						CODE	J		
NEMA-NOM-EFF	78.5						DES	L		
							CL	B		
							PH	1		
							PF	89		
RATING	40C AMB-CONT									
CC							USABLE AT 208V			
DE	6205						ODE	6203		
ENCL	OPEN						SN			

Parts List		
Part Number	Description	Quantity
SA189064	SA 35EE002Y690	1.000 EA
RA176783	RA 35EE002Y690	1.000 EA
OC3060C09	CYL OIL CAP 60MFD/240V	1.000 EA
EC1645A06SP	ELEC CAP, 645-774 MFD, 125V, 2.06D X 4.	1.000 EA
WD3006A01	RSS-2-103JT 2W 10K RES. METAL OXIDE 5%	1.000 EA
TP5059	GENERIC THERMAL KIT	1.000 EA
NS2512A01	INSULATOR, CONDUIT BOX X	1.000 EA
35CB3009	35 CB W/1.09 DIA. LEAD HOLE @ 6:	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
35FE3201A01	FREP ASSEMBLY FOR ROUTING	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	2.000 EA
35CB3801	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
HW5100A03	WAVY WASHER (W1543-017)	1.000 EA
35PE3200A01	PUEP ASSEMBLY FOR ROUTING PURPOSES	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
XY1032A02	10-32 HEX NUT DIRECTIONAL SERRATION	4.000 EA
35CB4521	35 LIPPED CB LID (GALV & PHOSPH)	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 EA
HW2501D13	KEY, 3/16 SQ X 1.375	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
HA7000A01	KEY RETAINER 7/8" DIA SHAFT	1.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
MJ1000A02	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB
MG1000G27	MED CHARCOAL METALLIC GREY 400-0096	0.017 GA
WD1000A15	3-520132-2 AMP FLAG (4M/RL NON-CANC/NON-	4.000 EA
SP5181A01	MODEL 35 LC TORQ STAT SWITCH LEAD ASSY	1.000 EA
HA3100A22	THRUBOLT 10-32 X 10.125	4.000 EA
LB1119N	WARNING LABEL	1.000 EA
LB1087	LABEL,MANUAL RESET (ROLL LABEL)	1.000 EA
LC0269	1PH,DV,REV,THERMAL,7 LD,L.AMP THRU HTR H	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 11/14	1.000 EA
NP1257L	ALUM UL CSA CC THERMAL REV MTG	1.000 EA
35PA1066	PKG GRP, PRINT PK1008A06	1.000 EA

AC Induction Motor Performance Data

Record # 10290 - Typical performance - not guaranteed values

Winding: 35WGY690-R001	Type: 3532LC	Enclosure: OPEN
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Nameplate Data				230 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	2			Full Load Torque	6 LB-FT
Volts	115/230			Start Configuration	direct on line
Full Load Amps	18.4/9.2			Breakdown Torque	13 LB-FT
R.P.M.	1725			Pull-up Torque	12.5 LB-FT
Hz	60	Phase	1	Locked-rotor Torque	15.5 LB-FT
NEMA Design Code	L	KVA Code	J	Starting Current	60 A
Service Factor (S.F.)	1.15			No-load Current	3 A
NEMA Nom. Eff.	78.5	Power Factor	89	Line-line Res. @ 25°C	1.62 Ω A Ph 1.597 Ω B Ph
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	47°C
S.F. Amps				Temp. Rise @ S.F. Load	62°C

Load Characteristics 230 V, 60 Hz, 2 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	60	83	87	90	92	90	91
Efficiency	67	74.9	78.7	79	75.2	71.7	76.7
Speed	1789	1775	1760	1743	1721	1694	1730
Line amperes	4.1	5.6	7.1	9.1	11.6	14.6	10.6

Performance Graph at 230V, 60Hz, 2.0HP Typical performance - Not guaranteed values





