

BALDOR® • RELIANCE

Product Information Packet

M3536

.33HP,855RPM,3PH,60HZ,56,3515M,TEFC,F1,N

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Part Detail									
Revision:	D	Status:	PRD/A	Change #:		Proprietary:	No		
Type:	AC	Prod. Type:	3515M	Elec. Spec:	35WGM499	CD Diagram:			
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	35A011	Layout:			
Frame:	56	Mounting:	F1	Poles:	08	Created Date:	12-07-2010		
Base:	RG	Rotation:	R	Insulation:	B	Eff. Date:	07-29-2011		
Leads:	9#18	Literature:		Elec. Diagram:		Replaced By:			
Nameplate NP1256L									
CAT.NO.		M3536							
SPEC.		35A011M499G1							
HP		.33							
VOLTS		208-230/460							
AMP		1.8-2/1							
RPM		855							
FRAME		56		HZ		60	PH	3	
SER.F.		1.35		CODE		L	DES	B	CLASS B
NEMA-NOM-EFF		59.5		PF		51			
RATING		40C AMB-CONT							
CC				USABLE AT 208V					
DE		6205		ODE		6203			
ENCL		TEFC		SN					
		SFA 2.1-2.2/1.1							

Parts List		
Part Number	Description	Quantity
SA212654	SA 35A011M499G1	1.000 EA
RA199884	RA 35A011M499G1	1.000 EA
35FN3002A05SP	EXFN, PLASTIC, 6.376 OD, .638 ID	1.000 EA
NS2512A01	INSULATOR, CONDUIT BOX X	1.000 EA
35CB3007	35 CB CASTING W/.88 DIA. LEAD HOLE	1.000 EA
36GS1000SP	GASKET-CONDUIT BOX, .06 THICK #SV-330 LE	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
35EP3100M02	FREP TEFC 203 BRG W/O GRSR (RAISED FH MT	1.000 EA
HW5100A03SP	WAVY WASHER (W1543-017)	1.000 EA
35EP3101A02SP	STD PU ENDPLATE-ENCL-205 BRG LESS GREASE	1.000 EA
XY1032A02	10-32 HEX NUT DIRECTIONAL SERRATION	4.000 EA
51XB1214A16	12-14X1.00 HXWSSLD SERTYB	1.000 EA
35FH4005A32SP	IEC FH NO GRSR W/3 HOLES - W/AUTOPHERETI	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	3.000 EA
35CB4521GX	CONDUIT BOX LID KIT	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 EA
HW2501D13SP	KEY, 3/16 SQ X 1.375	1.000 EA
HA7000A04	KEY RETAINER 0.625 DIA SHAFTS	1.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.050 LB
MG1000G27	PAINT- S9282E CHARCOAL GREY	0.017 GA
HA3100A15	THRUBOLT 10-32 X 8.375	4.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
LC0005E01	CONN.DIA./WARNING LABEL (LC0005/LB1119)	1.000 EA
NP1256L	ALUM UL CSA CC	1.000 EA
PA1000	PACKING GROUP 3500 SHORT	1.000 EA

Accessories		
Part Number	Description	Multiplier
35-8762	C FACE KIT	A8
35EP1506A01SP	D-FLANGE KIT	A8

Performance Data at 415V, 50Hz, 1.5HP (Typical performance - Not guaranteed values)

General Characteristics							
Full Load Torque:		5.5 LB-FT		Start Configuration:		DOL	
No-Load Current:		1.4 Amps		Break-Down Torque:		9.5 LB-FT	
Line-line Res. @ 25°C.:		12.0 Ohms A Ph / 0.0 Ohms B Ph		Pull-Up Torque:		7.2 LB-FT	
Temp. Rise @ Rated Load:				Locked-Rotor Torque:		7.7 LB-FT	
Temp. Rise @ S.F. Load:				Starting Current:		26.4 Amps	
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	38.0	58.0	71.0	80.0	85.0	88.0	83.0
Efficiency:	66.9	77.4	80.3	80.7	79.8	78.1	80.2
Speed:	1483.0	1467.0	1451.0	1432.0	1412.0	1388.0	1420.0
Line Amperes:	1.5	1.7	2.0	2.4	2.9	3.4	2.7

Performance Graph at 415V, 50Hz, 1.5HP Typical performance - Not guaranteed values





