

BALDOR® • RELIANCE

Product Information Packet

CESWDM3546

1HP,1745RPM,3PH,60HZ,56C,3524M,TENV,F1,N

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Part Detail									
Revision:	F	Status:	PRD/A	Change #:		Proprietary:	No		
Type:	AC	Prod. Type:	3524M	Elec. Spec:	35WGP560	CD Diagram:			
Enclosure:	TENV	Mfg Plant:		Mech. Spec:	35S630	Layout:			
Frame:	56C	Mounting:	F1	Poles:	04	Created Date:	08-05-2010		
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	10-16-2012		
Leads:	9#18	Literature:		Elec. Diagram:		Replaced By:			
Nameplate NP1669L									
CAT.NO.	CESWDM3546								
SPEC.	35S630P560G1								
HP	1								
VOLTS	208-230/460								
AMP	3-2.9/1.45								
RPM	1745								
FRAME	56C	HZ	60	PH	3				
SER.F.	1.15	CODE	M	DES	B	CLASS	F		
NEMA-NOM-EFF	85.5	PF	76						
RATING	40C AMB-CONT								
CC	USABLE AT 208V								
DE	6205	ODE	6203						
ENCL	TENV	SN							
BLANK									

Parts List		
Part Number	Description	Quantity
SA201180	SA 35S630P560G1	1.000 EA
RA188484	RA 35S630P560G1	1.000 EA
S/P107-000-001	SUPER E PROC'S-FS & WS PLTS-POLYREX EM G	1.000 EA
NS2512A01	INSULATOR, CONDUIT BOX X	1.000 EA
35CB5001A03	CONDUIT BOX KIT, FOR SUPER II WASHDOWN	1.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
35EP3100M72MU	SPL FR EP-ENCL-203 BRG-DIE CAST ALUM(BAL	1.000 EA
HW4500A33	1/8 NPT STAINLESS,HOLO-KROME #13002,PRES	3.000 EA
HW5100A03SP	WAVY WASHER (W1543-017)	1.000 EA
35EP3300A75MU	PU E.P., CAST-FACE MTD-56C-205 BRG(BALL	1.000 EA
HW4500A33	1/8 NPT STAINLESS,HOLO-KROME #13002,PRES	3.000 EA
HW4606A02	JM CLIPPER/SEAL (LWE-0938-1624-AL23)	1.000 EA
12XN1032S20	10-32 X 1-1/4 HEX M.S. , STAINLESS STEEL	2.000 EA
HA1049A01	DUBO LOK WASHER SIZE 10 (NYLON LOCK SEAL	2.000 EA
HA1049A01	DUBO LOK WASHER SIZE 10 (NYLON LOCK SEAL	4.000 EA
HW2502D13	SS KEY, 3/16 SQ X 1.375	1.000 EA
HA7000A04	KEY RETAINER 0.625 DIA SHAFTS	1.000 EA
MJ5001A02	732 CL SEALANT 3 OZ DIXIE BEARING 289100	0.001 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
LB1164	LABEL,WARNING AND DRAIN	1.000 EA
HA5027A04	HA4054 T-DRAIN X2 BAGGED	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.050 LB
HA3100S24	THRUBOLT 8.625 LENGTH 1.250 TH LENGTH SS	4.000 EA
LB1125C02	SUPER-E (STOCK CTN LABEL SUPER-E WITH FL	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
LC0005	CONN.DIA.,TY M,9-LD,DUAL VOLT,REVERSING	1.000 EA
LB1357	ENERGY GUIDE LABEL (BOX LABEL)	1.000 SH
NP1669L	SS WD SUPER-E UL CSA-EEV PREM REV MTG	1.000 EA
PA1000	PACKING GROUP 3500 SHORT	1.000 EA

Performance Data at 460V, 60Hz, 1.0HP (Typical performance - Not guaranteed values)

General Characteristics							
Full Load Torque:		3.02 LB-FT		Start Configuration:		DOL	
No-Load Current:		0.89 Amps		Break-Down Torque:		14.3 LB-FT	
Line-line Res. @ 25°C.:		15.922 Ohms A Ph / 0.0 Ohms B Ph		Pull-Up Torque:		8.76 LB-FT	
Temp. Rise @ Rated Load:		85 C		Locked-Rotor Torque:		10.3 LB-FT	
Temp. Rise @ S.F. Load:		101 C		Starting Current:		13.5 Amps	
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	33.0	53.0	67.0	76.0	81.0	85.0	79.0
Efficiency:	74.6	83.4	85.4	85.5	84.7	82.6	85.0
Speed:	1783.9	1773.9	1759.9	1743.9	1730.8	1698.3	1736.0
Line Amperes:	0.935	1.05	1.22	1.45	1.7	1.99	1.6

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