

BALDOR® • RELIANCE

Product Information Packet

CEWDM3550

1.5HP,3500RPM,3PH,60HZ,56,C,3528M,TENV,F

Part Detail							
Revision:	AM	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3528M	Elec. Spec:	35WGR445	CD Diagram:	CD0005
Enclosure:	TENV	Mfg Plant:		Mech. Spec:	35T964	Layout:	35LYT964
Frame:	56C	Mounting:	F1	Poles:	02	Created Date:	06-22-2007
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	12-14-2016
Leads:	9#18					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1669L

CAT.NO.	CEWDM3550												
SPEC.	35T964R445G1												
HP	1.5												
VOLTS	230/460												
AMP	4/2												
RPM	3500												
FRAME	56C				HZ		60				PH	3	
SER.F.	1.15			CODE		N		DES		B		CLASS	F
NEMA-NOM-EFF	85.5				PF		87						
RATING	40C AMB-CONT												
CC	010A				USABLE AT 208V							4	
DE	6205				ODE		6203						
ENCL	TENV			SN									
BLANK													

Parts List		
Part Number	Description	Quantity
SA131937	SA 35T964R445G1	1.000 EA
RA121911	RA 35T964R445G1	1.000 EA
S/P107-000-001	SUPER E PROC'S-FS, WS & CK PLTS	1.000 EA
NS2512A01	INSULATOR, CONDUIT BOX X	1.000 EA
35CB3008A01W	35 CB .50 NPT @ 6, MACH WHITE EPOXY	1.000 EA
35GS1040	35 MOLDED GASKET W/LIP, LEAD SEAL,	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
35EP3100M71MW	SPL FR ENDPLATE -TENV- SP.#9 (WHITE EPOX	1.000 EA
HW4032A01	BLACK DRAIN PLUG FOR WASH DOWN MOTORS	3.000 EA
HW4600B49	SEAL 0.938 X 1.624 X 0.250 SINGLE LIP DB	1.000 EA
HW4600B46	V-RING SLINGER 0.875 X 1.420 X .24 VITON	1.000 EA
MJ5001A27	32220KN GRAY SEALER *MIN BUY 4 QTS=1GAL	0.001 QT
HW5100A03SP	WAVY WASHER (W1543-017)	1.000 EA
35EP3300A48MW	SPL FACE MTD EP - 205 BRG - W/SEAL FOR W	1.000 EA
HW4032A01	BLACK DRAIN PLUG FOR WASH DOWN MOTORS	3.000 EA
12XN1032S20	10-32 X 1-1/4 HEX M.S. , STAINLESS STEEL	2.000 EA
35CB4522	35 LIPPED CB LID PRIMED	1.000 EA
35GS1030A02	35 GS FOR CB LID - WHITE NEOPRENE	1.000 EA
59XW0832S07	TAPTITE II,HEX WSHR UNSLTD SER,410 S.S.,	4.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
LB1164	LABEL,WARNING AND DRAIN	1.000 EA
HA5027A01	HA4066A01 T-DRAIN X2 BAGGED	1.000 EA
MJ1000A02	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB

Parts List (continued)		
Part Number	Description	Quantity
MG1025W01	WILKOFAS, 781.01, SIGNAL WHITE #9003	0.017 GA
HW2502D13	SS KEY, 3/16 SQ X 1.375	1.000 EA
HA7000A04	KEY RETAINER 0.625 DIA SHAFTS	1.000 EA
HA3100S07	THRUBOLT 10-32 X 8.375 SS	4.000 EA
LC0005	CONN.DIA.,TY M,9-LD,DUAL VOLT,REVERSING	1.000 EA
NP1669L	SS WD SUPER-E UL CSA-EEV PREM REV MTG	1.000 EA
35PA1066	PKG GRP, PRINT PK1008A06	1.000 EA

AC Induction Motor Performance Data

Record # 32216 - Typical performance - not guaranteed values

Winding: 35WGR445-R011	Type: 3528M	Enclosure: TENV
-------------------------------	--------------------	------------------------

Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	1.5			Full Load Torque	2.2 LB-FT
Volts	230/460			Start Configuration	direct on line
Full Load Amps	4/2			Breakdown Torque	12.47 LB-FT
R.P.M.	3500			Pull-up Torque	8.54 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	11.4 LB-FT
NEMA Design Code	B	KVA Code	N	Starting Current	23.41 A
Service Factor (S.F.)	1.15			No-load Current	0.902 A
NEMA Nom. Eff.	85.5	Power Factor	87	Line-line Res. @ 25°C	7.2905 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	101°C
S.F. Amps				Temp. Rise @ S.F. Load	114°C

Load Characteristics 460 V, 60 Hz, 1.5 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	47	67	78	84	88	89	86
Efficiency	70.3	80.9	84.2	85.2	85.1	84.2	85.1
Speed	3570.7	3547	3521.1	3493.1	3463.1	3427.7	3475
Line amperes	1.01	1.24	1.54	1.9	2.28	2.75	2.13

Performance Graph at 460V, 60Hz, 1.5HP Typical performance - Not guaranteed values





