

BALDOR® • RELIANCE

Product Information Packet

CEWDM3709T

7.5HP,3500RPM,3PH,60HZ,213TC,3738M,TEFC

Part Detail									
Revision:	J	Status:	PRD/A	Change #:		Proprietary:	No		
Type:	AC	Prod. Type:	3738M	Elec. Spec:	37WGY761	CD Diagram:			
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	37H887	Layout:			
Frame:	213TC	Mounting:	F1	Poles:	02	Created Date:			
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	08-18-2010		
Leads:	9#14	Literature:		Elec. Diagram:		Replaced By:			
Nameplate NP1669L									
CAT.NO.	CEWDM3709T								
SPEC.	37H887Y761G1								
HP	7.5								
VOLTS	208-230/460								
AMP	18.8-17.2/8.6								
RPM	3500								
FRAME	213TC	HZ	60	PH	3				
SER.F.	1.15	CODE	L	DES	A	CLASS	F		
NEMA-NOM-EFF	91	PF	90						
RATING	40C AMB-CONT								
CC	010A	USABLE AT 208V	18.8						
DE	6307	ODE	6206						
ENCL	TEFC	SN							
BLANK									

Parts List		
Part Number	Description	Quantity
SA084950	SA 37H887Y761G1	1.000 EA
RA078103	RA 37H887Y761G1	1.000 EA
S/P107-000-001	SUPER E PROC'S-FS & WS PLTS-POLYREX EM G	1.000 EA
HW3200A01	3/8-16X3/4 I-BLT WELDED F/S	1.000 EA
37CB3005A04W	CASTING W/.75 NPT@6(MACH WHITE)	1.000 EA
37GS1015	GASKET, FOR 37 WD KOBX'S (SANTOPRENE)	1.000 EA
51XW2520A12	.25-20 X .75, TAPTITE II, HEX WSHR SLTD	2.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
37EP3101A94MW	FRONT TEFC L&M 206 BRG W/O GR SR (WHITE)	1.000 EA
HW4032A01	BLUE DRAIN PLUG FOR WASH DOWN MOTORS	3.000 EA
HW5100A06	W2420-025 WVY WSHR (WB)	1.000 EA
37EP3300A23MW	WHITE EPOXY EP MACH COMPL	1.000 EA
HW4032A01	BLUE DRAIN PLUG FOR WASH DOWN MOTORS	3.000 EA
HW4600B51SP	SEAL 1.375 X 2.125 X 0.313 SINGLE LIP DB	1.000 EA
10XN2520S30	1/4-20 X 1 7/8 HEX HEAD SS	4.000 EA
XY3118S12	5/16-18 HEX NUT, STAINLESS STEEL	4.000 EA
07FH4011	WASHDOWN IEC FH W/AUTOPHORETIC PRIMER	1.000 EA
11XW1032S06	SCREW, HXWSHR HD SLDTYF 410 SS	3.000 EA
HA1005A02SP	SLINGER, OD 2.00, ID 1.14, 206 BRG,	1.000 EA
HW4600B31SP	V-RING SLINGER #V38A,1.42/1.50 SH BORE	1.000 EA
37CB4512	CONDUIT BOX LID FOR WASHDOWN 37 FRAME	1.000 EA
37GS1008A02	37 GS FOR CB LID - WHITE NEOPRENE	1.000 EA
59XN0832S07	8/32 X 7/16 HX WS HD SER X	4.000 EA
HW2502F21	#303 SS,SQ KEY 5/16 X 2.375	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
HA7000A02	KEY RETAINER RING, 1 1/8 DIA, 1 3/8 DIA	1.000 EA
MJ5001A01	46-665 RED SEALER	0.001 QT
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
LB1115	LABEL,LIFTING DEVICE	1.000 EA
LB1164	LABEL,WARNING AND DRAIN	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.050 LB
MG1025Z20	ACTIVATOR WILKOFAS 060.32	0.010 GA
MG1025W11	PAINT- 781-101 WILKOFAS WHITE EPOXY	0.028 GA
36FN3000C02	EXFN, PLASTIC, 5.25 OD, 1.175 ID	1.000 EA
51XB1214A16	12-14X1.00 HXWSSLD SERTYB	1.000 EA
HA3104S17	THRUBOLT 13.250LG SS	4.000 EA
LB1125C02	SUPER-E (STOCK CTN LABEL SUPER-E WITH FL	1.000 EA
LC0005	CONN.DIA.,TY M,9-LD,DUAL VOLT,REVERSING	1.000 EA
NP1669L	WD, SUPER-E, UL CSA CC, LASER	1.000 EA
36PA1001	PACKAGING GROUP	1.000 EA
LB1357	ENERGY GUIDE LABEL (BOX LABEL)	1.000 SH

Performance Data at 460V, 60Hz, 7.5HP (Typical performance - Not guaranteed values)**General Characteristics**

Full Load Torque:	11.2 LB-FT	Start Configuration:	DOL
No-Load Current:	2.5 Amps	Break-Down Torque:	54.0 LB-FT
Line-line Res. @ 25°C.:	0.964 Ohms A Ph / 0.0 Ohms B Ph	Pull-Up Torque:	24.0 LB-FT
Temp. Rise @ Rated Load:	37 C	Locked-Rotor Torque:	32.0 LB-FT
Temp. Rise @ S.F. Load:	45 C	Starting Current:	86.0 Amps

Load Characteristics

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	64.0	81.0	88.0	90.0	91.0	92.0	0.0
Efficiency:	85.1	90.0	91.2	91.1	90.5	89.4	0.0
Speed:	3578.0	3557.0	3538.0	3516.0	3493.0	3463.0	0.0
Line Amperes:	3.4	4.9	6.7	8.6	10.8	13.5	9.9

Performance Graph at 460V, 60Hz, 7.5HP Typical performance - Not guaranteed values

BALDOR ELECTRIC COMPANY

Typical performance - not guaranteed values.

WINDING # 37WGY761

 7.5 HP 3 PH 60 HZ 3500 RPM 460 V 3738M
 TORQUES(LB-FT): PO=54 PU=24 LR=32 LRA=86




