

BALDOR® • RELIANCE

Product Information Packet

CEWAM22976T

7.5HP,1180RPM,3PH,60HZ,254TC,3954M,TEFC

Part Detail							
Revision:	E	Status:	INA/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3954M	Elec. Spec:	39WGX718	CD Diagram:	CD0005
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	39E115	Layout:	39LYE115
Frame:	254TC	Mounting:	F1	Poles:	06	Created Date:	07-19-2010
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	07-25-2013
Leads:	9#12					Replaced By:	NO REPLACEMENT
Literature:		Elec. Diagram:					

Nameplate NP1260E									
CAT.NO.	CEWAM22976T								
SPEC.	39E115X718G1								
HP	7.5								
VOLTS	208-230/460								
AMP	23-22/11								
RPM	1180								
FRAME	254TC	HZ			60	PH	3		
SER.F.	1.15	CODE			K	DES	A	CL	F
NEMA-NOM-EFF	91	PF			69				
RATING	40C AMB-CONT								
CC	010A	USABLE AT 208V							
DE	6309	ODE			6208				
ENCL	TEFC	SN							

Parts List		
Part Number	Description	Quantity
SA200097	SA 39E115X718G1	1.000 EA
RA187416	RA 39E115X718G1	1.000 EA
09FN3001D01SP	EXTERNAL FAN, PLASTIC	1.000 EA
S/P107-000-005	SUPER-E PROC'S(254/6 FR.) ZK PLANT - POL	1.000 EA
HA6016BA	ADAPTER CAST, BLACK ANODIZED	1.000 EA
09GS1006	GASKET, CONDUIT BOX, NEOP-1/16 THICK-BLA	1.000 EA
09CB1001A01A	309 FRAME KOBX - AUTOPHORETIC	1.000 EA
07GS1000SP	GASKET, CONDUIT BOX, .125 THICK BLACK NE	1.000 EA
19XW2520A16	SCREW,1/4-20X1 TAPTITE-II OR ROLOC 91	2.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	2.000 EA
WD1000B17	T&B CX35TN TERMINAL	1.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
39EP1100A44A	ENDPLATE, MACH, AUTOPHORETIC	1.000 EA
HW5100A08	W3118-035 WVY WSHR (WB)	1.000 EA
HW4600B44SP	V-RING SLINGER 1.500 X 2.290 X 0.280	1.000 EA
39EP1500A29A	ENDPLATE, MACH, AUTOPHORETIC	1.000 EA
HW4600B44SP	V-RING SLINGER 1.500 X 2.290 X 0.280	1.000 EA
10XN2520S28	1/4-20X 1 3/4 HEX HD SS X	4.000 EA
HA3154S02	THRUBOLT STUD 3/8-16 X 15.875 SS	4.000 EA
XY3816S12	3/8-16 HEX FINISHED NUT SS	8.000 EA
HA2001B08	SPL SPACER FOR AIR DEFLECTOR .50 O.D. X	3.000 EA
09FH4000A23A	FAN COVER MACHINING, AUTOPHORETIC COATED	1.000 EA
10XN2520S16	41/4-20 X 1 HEX HEAD SS	3.000 EA
09CB1501A01A	09 KOBX LID - AUTOPHORETIC	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
09GS1001A01SP	GASKET, BOX LID, 1/8 THICK BLACK NEOPREN	1.000 EA
19XT2520S12	1/4-20X3/4 HWH NO SLOT TY.23 18-8 S.S.	2.000 EA
HW1001S25	WASHER, 1/4 SPLT LK, STAINLESS STEEL	2.000 EA
HW4600B53	SEAL 1.688 X 2.275 X 0.312 SINGLE LIP DB	1.000 EA
HW2502G25	#303 SS,SQ KEY 3/8 X 2.880	1.000 EA
MJ5001A14	DYNAPRO SEAL, CP MOTORS VC#2508050 (603	0.023 EA
MJ5002A01	SILICON RUBBER SEALANT, 732CL 10.3 OZ TU	0.025 EA
LB1115N	LABEL,LIFTING DEVICE (ON ROLLS)	1.000 EA
LB1000	LABEL, DIRTY DUTY	1.000 EA
LB1164	LABEL,WARNING AND DRAIN	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 10/13	1.000 EA
HA5027A01	HA4066A01 T-DRAIN X2 BAGGED	1.000 EA
07GS1000SP	GASKET, CONDUIT BOX, .125 THICK BLACK NE	1.000 EA
HW4032A01	BLACK DRAIN PLUG FOR WASH DOWN MOTORS	3.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.085 LB
HW4032A01	BLACK DRAIN PLUG FOR WASH DOWN MOTORS	3.000 EA
HW2500A25	WOODRUFF KEY USA #1008 #BLOW CARBON STEE	1.000 EA
51XB1214A20	12-14X1.25 HXWSSLD SERTYB	1.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
MG1025A01	PAINT, 770.02 WILKOFASST CLEAR EPOXY	0.050 GA
LB1125C02	SUPER-E (STOCK CTN LABEL SUPER-E WITH FL	4.000 EA
LC0005E01	CONN.DIA./WARNING LABEL (LC0005/LB1119N)	1.000 EA
NP1260E	SS CP SUPER-E UL CSA CC	1.000 EA
39PA1000	PACKAGING GROUP 39 PRINT	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
LB1506	LABEL "AMERICAN MADE" 1.50 X 1.00	1.000 EA

AC Induction Motor Performance Data

Record # 31521 - Typical performance - not guaranteed values

Winding: 39WGX718-R001	Type: 3954M	Enclosure: TEFC
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Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	7.5			Full Load Torque	33.2 LB-FT
Volts	208-230/460			Start Configuration	direct on line
Full Load Amps	23-22/11			Breakdown Torque	107 LB-FT
R.P.M.	1180			Pull-up Torque	42.9 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	63.1 LB-FT
NEMA Design Code	A	KVA Code	K	Starting Current	75.8 A
Service Factor (S.F.)	1.15			No-load Current	6.02 A
NEMA Nom. Eff.	91	Power Factor	69	Line-line Res. @ 25°C	0.891 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	33°C
S.F. Amps				Temp. Rise @ S.F. Load	39°C
				Rotor inertia	4.34 LF ²

Load Characteristics 460 V, 60 Hz, 7.5 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	31	51	63	70	73	74	72
Efficiency	83.8	90.3	91.6	91.6	91.3	90.5	91.4
Speed	1196	1193	1189	1184	1180	1175	1182
Line amperes	6.74	7.71	9.19	11	13.2	15.7	12.3

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





