

BALDOR® • RELIANCE

Product Information Packet

CESWDM3714T

10HP,1770RPM,3PH,60HZ,215TC,3752M,TEFC,F

Part Detail							
Revision:	L	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3752M	Elec. Spec:	37WGS518	CD Diagram:	CD0005
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	37H888	Layout:	37LYH888
Frame:	215TC	Mounting:	F1	Poles:	04	Created Date:	04-29-2010
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	05-26-2016
Leads:	9#14					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1669L

CAT.NO.	CESWDM3714T									
SPEC.	37H888S518G1									
HP	10									
VOLTS	230/460									
AMP	24/12									
RPM	1770									
FRAME	215TC				HZ		60		PH	3
SER.F.	1.15			CODE	K	DES	A		CLASS	F
NEMA-NOM-EFF	91.7			PF	85					
RATING	40C AMB-CONT									
CC	010A			USABLE AT 208V						
DE	6307			ODE	6206					
ENCL	TEFC			SN						
BLANK										

Parts List		
Part Number	Description	Quantity
SA194241	SA 37H888S518G1	1.000 EA
RA181829	RA 37H888S518G1	1.000 EA
37FN3002C01	EXFN, PLASTIC, 6.00 OD, 1.155 ID	1.000 EA
HW3200S01	EYEBOLT 3/8-16 X3/4 S.S. TDR #35988	1.000 EA
37CB3005A04MU	K.O. BOX-MODEL 37 .75 NPT LEAD	1.000 EA
37GS1025	37 MOLDED GASKET W/LIP, LEAD SEAL	1.000 EA
51XW2520A12	.25-20 X .75, TAPTITE II, HEX WSHR SLTD	2.000 EA
HA5027A04	HA4054 T-DRAIN X2 BAGGED	1.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
37EP3101A49MU	FR EP 37 L & M TEFC (FOR S.P. #9D)	1.000 EA
HW4500A33	1/8 NPT STAINLESS,HOLO-KROME #13002,PRES	3.000 EA
HW5100A06	W2420-025 WVY WSHR (WB)	1.000 EA
37EP3300A25MU	FACE MT EP-ENCL-307 BRG-213TC-215TC NO G	1.000 EA
HW4500A33	1/8 NPT STAINLESS,HOLO-KROME #13002,PRES	3.000 EA
HW4606A04	JM CLIPPER/SEAL (LWE-1376-2125-AL45)	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
51XB1214A20	12-14X1.25 HXWSSLD SERTYB	1.000 EA
37FH4000A45	STAINLESS FAN COVER, NO GREASER SLOT (FO	1.000 EA
11XW1032S06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	3.000 EA
37CB4514	37 CB LID - CLEANED	1.000 EA
37GS1008A02	37 GS FOR CB LID - WHITE NEOPRENE	1.000 EA
59XW0832S07	TAPTITE II,HEX WSHR UNSLTD SER,410 S.S.,	4.000 EA
HW4600B74	V-RING SLINGER 1.125 X 1.445 X .24 VITON	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
HW2502F21	#303 SS,SQ KEY 5/16 X 2.375	1.000 EA
HA7000A02	KEY RETAINER RING, 1 1/8 DIA, 1 3/8 DIA	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
LB1115N	LABEL,LIFTING DEVICE (ON ROLLS)	1.000 EA
LB1164	LABEL,WARNING AND DRAIN	1.000 EA
MJ1000A02	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB
HA3104S25	THRUBOLT-5/16-18X14.75 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
37PA1039	PALLET PACK GRP, PRINT PK1026A06	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1000/bx) 11/14	1.000 EA

AC Induction Motor Performance Data

Record # 58673 - Typical performance - not guaranteed values

Winding: 37WGS518-R004	Type: 3752M	Enclosure: TEFC
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Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	10			Full Load Torque	29.5 LB-FT
Volts	230/460			Start Configuration	direct on line
Full Load Amps	24/12			Breakdown Torque	134 LB-FT
R.P.M.	1770			Pull-up Torque	49.2 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	68.7 LB-FT
NEMA Design Code	A	KVA Code	K	Starting Current	103 A
Service Factor (S.F.)	1.15			No-load Current	5.49 A
NEMA Nom. Eff.	91.7	Power Factor	85	Line-line Res. @ 25°C	0.937 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	63°C
S.F. Amps				Temp. Rise @ S.F. Load	77°C
				Locked-rotor Power Factor	35.5
				Rotor inertia	1.28 LB-FT ²

Load Characteristics 460 V, 60 Hz, 10 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	42	64	76	82	86	88	84
Efficiency	88.6	92.4	92.7	92	90.8	88.9	91.3
Speed	1794	1787	1780	1772	1763	1753	1767
Line amperes	6.14	7.8	9.9	12.3	15	17.9	13.9

Performance Graph at 460V, 60Hz, 10.0HP Typical performance - Not guaranteed values





