

BALDOR® • RELIANCE

Product Information Packet

CESSWDM3711T

10HP,3500RPM,3PH,60HZ,215TC,3744M,TEFC,F

Part Detail							
Revision:	Q	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3744M	Elec. Spec:	37WGT383	CD Diagram:	CD0005
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	37J639	Layout:	37LYJ639
Frame:	215TC	Mounting:	F1	Poles:	02	Created Date:	07-19-2006
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	06-08-2016
Leads:	9#14					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1953C01

CAT.NO.	CESSWDM3711T									
SPEC.	37J639T383G1									
HP	10									
VOLTS	230/460									
AMP	21.2/10.6									
RPM	3500									
FRAME	215TC					HZ		60		
SER.F.	1.15			CODE		L	DES		A	
NEMA-NOM-EFF	91.7			PF		94				
RATING	40C AMB-CONT									
CC	010A			USABLE AT 208V						
DE	6307			ODE		6206				
ENCL	TEFC		SN							

AC Induction Motor Performance Data

Record # 57397 - Typical performance - not guaranteed values

Winding: 37WGT383-R007	Type: 3744M	Enclosure: TEFC
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Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	10			Full Load Torque	15 LB-FT
Volts	230/460			Start Configuration	direct on line
Full Load Amps	21.2/10.6			Breakdown Torque	79 LB-FT
R.P.M.	3500			Pull-up Torque	37 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	47 LB-FT
NEMA Design Code	A	KVA Code	L	Starting Current	115 A
Service Factor (S.F.)	1.15			No-load Current	3.4 A
NEMA Nom. Eff.	91.7	Power Factor	94	Line-line Res. @ 25°C	0.659 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	57°C
S.F. Amps				Temp. Rise @ S.F. Load	70°C
				Locked-rotor Power Factor	31.5
				Rotor inertia	0.402 LB-FT2

Load Characteristics 460 V, 60 Hz, 10 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	65	86	95	96	95	94	95
Efficiency	88.1	92	92.8	91.8	91	89.4	91.3
Speed	3578	3555	3533	3507	3479	3448	3490
Line amperes	4.2	6	8.1	10.6	13.5	16.4	12.3

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





