



Product Information Packet

EJMM3312T

10HP,3500RPM,3PH,60HZ,213JM,3728M,OPSB,F

Part Detail							
Revision:	C	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Elec. Spec:	37WGL866	CD Diagram:	CD0005	Mfg Plant:	
Mech. Spec:	37F784	Layout:	37LYF784	Poles:	02	Created Date:	11-11-2020
Base:	RG	Eff. Date:	08-15-2022	Leads:	9#14		

Specs			
Catalog Number:	EJMM3312T	Heater Indicator:	No Heater
Enclosure:	OPSB	Insulation Class:	F
Frame:	213JM	Inverter Code:	Inverter Ready
Frame Material:	Steel	KVA Code:	H
Motor Letter Type:	Three Phase	Lifting Lugs:	Standard Lifting Lugs
Output @ Frequency:	10.000 HP @ 60 HZ	Locked Bearing Indicator:	Locked Bearing
Synchronous Speed @ Frequency:	3600 RPM @ 60 HZ	Motor Lead Quantity/Wire Size:	9 @ 14 AWG
Voltage @ Frequency:	460.0 V @ 60 HZ	Motor Lead Exit:	Ko Box
	230.0 V @ 60 HZ	Motor Lead Termination:	Flying Leads
	208.0 V @ 60 HZ	Motor Type:	3728M
XP Class and Group:	None	Mounting Arrangement:	F1
XP Division:	Not Applicable	Power Factor:	85
Agency Approvals:	CSA	Product Family:	General Purpose
	CSA EEV	Pulley End Bearing Type:	Ball
	UR	Pulley Face Code:	C-Face
Auxillary Box:	No Auxillary Box	Pulley Shaft Indicator:	Tapped & Key
Auxillary Box Lead Termination:	None	Rodent Screen:	Included
Base Indicator:	Rigid	RoHS Status:	ROHS COMPLIANT

Bearing Grease Type:	Polyrex EM (-20F +300F)	Shaft Extension Location:	Pulley End
Blower:	None	Shaft Ground Indicator:	No Shaft Grounding
Current @ Voltage:	24.000 A @ 230.0 V	Shaft Rotation:	Reversible
	26.000 A @ 208.0 V	Shaft Slinger Indicator:	No Slinger
	12.000 A @ 460.0 V	Speed Code:	Single Speed
Design Code:	B	Motor Standards:	NEMA
Drip Cover:	No Drip Cover	Starting Method:	Direct on line
Duty Rating:	CONT	Thermal Device - Bearing:	None
Electrically Isolated Bearing:	Not Electrically Isolated	Thermal Device - Winding:	None
Feedback Device:	NO FEEDBACK	Vibration Sensor Indicator:	No Vibration Sensor
Front Face Code:	Standard	Winding Thermal 1:	None
Front Shaft Indicator:	None	Winding Thermal 2:	None

Nameplate NP3553LUA

CAT.NO.	EJMM3312T										
SPEC.	37F784L866G1										
HP	10										
VOLTS	208-230/460										
AMPS	26-24/12										
RPM	3500										
FRAME	213JM				HZ		60		PH		3
SF	1.15		CODE		H	DES		B	CLASS		F
NEMA NOM. EFF	90.2			PF		85					
RATING	40C AMB-CONT										
CC	010A				USABLE AT 208V						
DE	6309				ODE		6206				
ENCL	OPSB		SN								
VPWM INVERTER READY											
CT30-60(2:1) VT3-60(20:1)											
USABLE AT	50HZ 10HP 190/380V 28.4/14.2A										SF1.0

AC Induction Motor Performance Data

Record # 85554

Preliminary Data Sheet

Winding: 37WGL866-R001				Type: 3728M		Enclosure: OPSB		
Nameplate Data				460 V, 60 Hz: High Voltage Connection				
Rated Output (HP)		10		Full Load Torque		15 LB-FT		
Volts		208-230/460		Start Configuration		direct on line		
Full Load Amps		25.6-24/12		Breakdown Torque		50.8 LB-FT		
R.P.M.		3475		Pull-up Torque		23.7 LB-FT		
Hz	60	Phase	3	Locked-rotor Torque		29 LB-FT		
NEMA Design Code		B		KVA Code	H		Starting Current	81.5 A
Service Factor (S.F.)		1.15		No-load Current		4.72 A		
NEMA Nom. Eff.		89.5	Power Factor	86		Line-line Res. @ 25°C		0.991 Ω
Rating - Duty		50C AMB-CONT		Temp. Rise @ Rated Load		33°C		
S.F. Amps		30.0-27.6/13.8		Temp. Rise @ S.F. Load		41°C		
				Locked-rotor Power Factor		39.9		
				Rotor inertia		0.255 lb-ft²		

Load Characteristics 460 V, 60 Hz, 10 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	49	71	81	85	87	88	87
Efficiency	85	90	90.8	90.3	89.2	87.8	89.6
Speed	3576	3552	3527	3499	3469	3436	3479
Line amperes	5.5	7.27	9.53	12.1	15	18.2	13.8

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





