



Product Information Packet

EJMM2333T

15HP,1765RPM,3PH,60HZ,254JM,0944M,TEFC,F

Part Detail							
Revision:	D	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Elec. Spec:	09WGT597	CD Diagram:	CD0005	Mfg Plant:	
Mech. Spec:		Layout:	09LY-001-178	Poles:	04	Created Date:	02-25-2021
Base:		Eff. Date:	09-27-2022	Leads:	9#12		

Specs			
Catalog Number:	EJMM2333T	Heater Indicator:	No Heater
Enclosure:	TEFC	Insulation Class:	F
Frame:	254JM	Inverter Code:	Inverter Ready
Frame Material:	Iron	IP Rating:	NONE
Motor Letter Type:	Three Phase	KVA Code:	H
Output @ Frequency:	15.000 HP @ 60 HZ	Lifting Lugs:	Standard Lifting Lugs
Synchronous Speed @ Frequency:	1800 RPM @ 60 HZ	Locked Bearing Indicator:	Locked Bearing
Voltage @ Frequency:	230.0 V @ 60 HZ	Motor Lead Quantity/Wire Size:	9 @ 12 AWG
	460.0 V @ 60 HZ	Motor Lead Exit:	Ko Box
XP Class and Group:	None	Motor Lead Termination:	Flying Leads
XP Division:	Not Applicable	Motor Type:	0944M
Agency Approvals:	CSA	Mounting Arrangement:	F1
	CSA EEV	Power Factor:	84
	UR	Product Family:	General Purpose
Auxillary Box:	No Auxillary Box	Pulley End Bearing Type:	Ball
Auxillary Box Lead Termination:	None	Pulley Face Code:	C-Face
Base Indicator:	Rigid	Pulley Shaft Indicator:	Tapped & Key
Bearing Grease Type:	Polyrex EM (-20F +300F)	Rodent Screen:	None

Blower:	None	Shaft Extension Location:	Pulley End
Current @ Voltage:	38.000 A @ 208.0 V	Shaft Ground Indicator:	No Shaft Grounding
	36.200 A @ 230.0 V	Shaft Rotation:	Reversible
	18.100 A @ 460.0 V	Shaft Slinger Indicator:	Shaft Slinger
Design Code:	A	Speed Code:	Single Speed
Drip Cover:	No Drip Cover	Motor Standards:	NEMA
Duty Rating:	CONT	Starting Method:	Direct on line
Electrically Isolated Bearing:	Not Electrically Isolated	Thermal Device - Bearing:	None
Feedback Device:	NO FEEDBACK	Thermal Device - Winding:	None
Front Face Code:	Standard	Vibration Sensor Indicator:	No Vibration Sensor
Front Shaft Indicator:	None	Winding Thermal 1:	None
		Winding Thermal 2:	None

Nameplate NP3441LUA

CAT.NO.	EJMM2333T									
SPEC	09-0000-2962									
HP	15									
VOLTS	230/460									
AMPS	36.2/18.1									
RPM	1765									
FRAME	254JM				HZ 60				PH	3
SF	1.15			CODE	H	DES A			CLASS	F
NEMA NOM. EFF	92.4			PF	84					
RATING	40C AMB-CONT									
CC	010A			USABLE AT 208V						38
ENCL	TEFC			SER						
DE	6309			ODE	6208					
VPWM INVERTER READY										
CT6-60H(10:1)VT3-60H(20:1										
	50HZ 15HP 190/380V 42.2/21.1A									
	SF1.0									

AC Induction Motor Performance Data

Record # 85476

Preliminary Data Sheet

Winding: 09WGT597-R001				Type: 0944M		Enclosure: TEFC	
Nameplate Data				460 V, 60 Hz: High Voltage Connection			
Rated Output (HP)		15		Full Load Torque		44.5 LB-FT	
Volts		230/460		Start Configuration		direct on line	
Full Load Amps		36.2/18.1		Breakdown Torque		154 LB-FT	
R.P.M.		1765		Pull-up Torque		67.2 LB-FT	
Hz		60		Phase		3	
NEMA Design Code		A		KVA Code		H	
Service Factor (S.F.)		1.15		No-load Current		7.32 A	
NEMA Nom. Eff.		92.4		Power Factor		84	
Rating - Duty		40C AMB-CONT		Temp. Rise @ Rated Load		52°C	
S.F. Amps		41.0/20.5		Temp. Rise @ S.F. Load		67°C	
				Locked-rotor Power Factor		38.1	
				Rotor inertia		1.92 lb-ft²	

Load Characteristics 460 V, 60 Hz, 15 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	48	69	79	84	86	87	86
Efficiency	88	92.1	92.7	92.5	91.7	90.7	91.9
Speed	1792	1785	1777	1768	1759	1749	1761
Line amperes	8.45	11	14.3	18.1	22.2	26.7	20.5

Performance Graph at 460V, 60Hz, 15.0HP Typical performance - Not guaranteed values





