



Product Information Packet

EM2332T

10HP,1180RPM,3PH,60HZ,256T,0960M,TEFC,F1

Part Detail							
Revision:	AD	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Elec. Spec:	09WGT193	CD Diagram:	CD0005	Mfg Plant:	
Mech. Spec:	09P11	Layout:	09LYP011	Poles:	06	Created Date:	05-05-2015
Base:	RG	Eff. Date:	02-21-2022	Leads:	9#12		

Specs			
Catalog Number:	EM2332T	Heater Indicator:	No Heater
Enclosure:	TEFC	Insulation Class:	F
Frame:	256T	Inverter Code:	Inverter Ready
Frame Material:	Iron	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:	1200 RPM @ 60 HZ	Motor Lead Quantity/Wire Size:	9 @ 12 AWG
Voltage @ Frequency:	230.0 V @ 60 HZ	Motor Lead Exit:	Ko Box
	460.0 V @ 60 HZ	Motor Lead Termination:	Flying Leads
XP Class and Group:	None	Motor Type:	0960M
XP Division:	Not Applicable	Mounting Arrangement:	F1
Agency Approvals:	UR	Power Factor:	72
	CSA EEV	Product Family:	General Purpose
	CSA	Pulley End Bearing Type:	Ball
Auxillary Box:	No Auxillary Box	Pulley Face Code:	Standard
Auxillary Box Lead Termination:	None	Pulley Shaft Indicator:	Standard
Base Indicator:	Rigid	Rodent Screen:	None
Bearing Grease Type:	Polyrex EM (-20F +300F)	Shaft Extension Location:	Pulley End

Blower:	None	Shaft Ground Indicator:	No Shaft Grounding
Current @ Voltage:	14.100 A @ 460.0 V	Shaft Rotation:	Reversible
	28.200 A @ 230.0 V	Shaft Slinger Indicator:	Shaft Slinger
	30.000 A @ 208.0 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

AC Induction Motor Performance Data

Record # 50108

Typical performance - not guaranteed values

Winding: 09WGT193-R001			Type: 0960M		Enclosure: TEFC		
Nameplate Data			460 V, 60 Hz: High Voltage Connection				
Rated Output (HP)		10	Full Load Torque		44.3 LB-FT		
Volts		230/460	Start Configuration		direct on line		
Full Load Amps		28.2/14.1	Breakdown Torque		121 LB-FT		
R.P.M.		1180	Pull-up Torque		50.6 LB-FT		
Hz	60	Phase	3	Locked-rotor Torque		67 LB-FT	
NEMA Design Code		B	KVA Code	H	Starting Current		81 A
Service Factor (S.F.)		1.15	No-load Current		6.84 A		
NEMA Nom. Eff.		91	Power Factor	72	Line-line Res. @ 25°C		0.746 Ω
Rating - Duty		40C	AMB-CONT		Temp. Rise @ Rated Load		38°C
S.F. Amps					Temp. Rise @ S.F. Load		46°C
					Locked-rotor Power Factor		24.9
					Rotor inertia		4.82 LB-FT2

Load Characteristics 460 V, 60 Hz, 10 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	36	57	67	72	74	75	73
Efficiency	85.8	90.7	91.9	91.7	91.1	89.4	91.3
Speed	1195	1191	1186	1181	1174	1166	1177
Line amperes	7.45	9.13	11.4	14.1	17.3	21.1	16

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





