

# EM4314TS - Specifications

Property	Value
Catalog Number	EM4314TS
Enclosure	TEFC
Frame	364TS
Frame Material	Cast Iron
Frequency	60.00 Hz
Motor Letter Type	Three Phase
Output @ Frequency	60.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage @ Frequency	230.0 V @ 60 HZ 460.0 V @ 60 HZ
Haz Area Class and Group	None
Haz Area Division	Not Applicable
Agency Approvals	CCSAUSEEV CURUSEEV NEMA_PREMIUM
Ambient Temperature	40 °C
Auxillary Box	No Auxillary Box
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Current @ Voltage	70.000 A @ 460.0 V 152.000 A @ 208.0 V 140.000 A @ 230.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	95.0 %
Feedback Device	NO FEEDBACK
High Voltage Full Load Amps	70.0 a
Heater Indicator	No Heater
Insulation Class	F
Inverter Code	Inverter Ready
KVA Code	G

Lifting Lugs	Standard Lifting Lugs
Max Speed	2700 rpm
Motor Lead Quantity/Wire Size	3 @ 4 AWG
Motor Type	A3658M
Mounting Arrangement	F1
Number of Poles	4
Overall Length	31.36 IN
Power Factor	84
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Service Factor	1.15
Shaft Diameter	1.875 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	1780 rpm
Speed Code	Single Speed
Motor Standards	NEMA
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	None