

Motor Data Sheet



Output kW	37
Pole	2
Frame Size	200LB
Voltage	415/690 50Hz, 440/460/480 60Hz
Motor Series	TCI
Construction	Cast Iron
Type	TEFC
Protection	IP55
Insulation Class	F with Class B rise
Ambient	-20°C to +40°C at 1000 MASL
IEC Standard	IEC 60034 & 72
Duty	S1
Full Load RPM	2955
Full Load Current @ 400V	64.9 A
Starting Current Ratio	7.59
Full Load Torque (Nm)	119.6
Starting Torque Ratio	2.44
Break Down Torque Ratio	2.60
Pull Up Torque Ratio	1.44
Efficiency @ 100% load	92.7%
Efficiency @ 75% load	93.1%
Efficiency @ 50% load	92.7%
Power factor @ 100% load	0.90
Power factor @ 75% load	0.88
Power factor @ 50% load	0.83
Noise Level dB (A) @ 1 metre	86
Output kW @ 440/460/480V	40.7/42.6/44.4
Full Load RPM @ 60Hz	3546
Full Load Current @ 440/460/480V	59.0/56.4/54.1 A
Vibration Limit	2.8 mm/sec
Bearing Make	NSK
Bearing Type D.E./N.D.E	Ball/Ball
Bearing Size D.E./N.D.E.	6312/6312 C3
Motor Mass	
Thermal Protection	PTC 150°C x 3

Note: This data sheet has been issued for our standard TCI series and is subject to change without prior notice.