

Motor Data Sheet



Output kW	11
Pole	4
Frame Size	160M
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	1470
Full Load Current @ 400V	20.4 A
Starting Current Ratio	8.38
Full Load Torque (Nm)	71.3
Starting Torque Ratio	2.87
Break Down Torque Ratio	3.29
Pull Up Torque Ratio	2.03
Efficiency @ 100% load	91.7%
Efficiency @ 75% load	91.7%
Efficiency @ 50% load	90.5%
Power factor @ 100% load	0.86
Power factor @ 75% load	0.81
Power factor @ 50% load	0.70
Noise Level dB (A) @ 1 metre	71
Output kW @ 440/460/480V	12.1/12.6/13.2
Full Load RPM @ 60Hz	1764
Full Load Current @ 440/460/480V	18.5/17.7/17.0 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.	6309/6309 C3
Motor Mass	
Thermal Protection	PTC 150°C

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