

Motor Data Sheet



Output kW	11
Pole	6
Frame Size	160L
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	975
Full Load Current @ 400V	23.8 A
Starting Current Ratio	8.18
Full Load Torque (Nm)	107.5
Starting Torque Ratio	3.09
Break Down Torque Ratio	1.52
Pull Up Torque Ratio	1.40
Efficiency @ 100% load	89.4%
Efficiency @ 75% load	89.7%
Efficiency @ 50% load	88.6%
Power factor @ 100% load	0.75
Power factor @ 75% load	0.68
Power factor @ 50% load	0.55
Noise Level dB (A) @ 1 metre	69
Output kW @ 440/460/480V	12.1/12.6/13.2
Full Load RPM @ 60Hz	1170
Full Load Current @ 440/460/480V	21.6/20.7/19.8 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.