

Motor Data Sheet



Output kW	15
Pole	2
Frame Size	160MB
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	2950
Full Load Current @ 400V	26.2 A
Starting Current Ratio	9.01
Full Load Torque (Nm)	48.4
Starting Torque Ratio	2.57
Break Down Torque Ratio	3.36
Pull Up Torque Ratio	1.32
Efficiency @ 100% load	91.8%
Efficiency @ 75% load	92.1%
Efficiency @ 50% load	91.2%
Power factor @ 100% load	0.92
Power factor @ 75% load	0.90
Power factor @ 50% load	0.84
Noise Level dB (A) @ 1 metre	79
Output kW @ 440/460/480V	16.5/17.2/18.0
Full Load RPM @ 60Hz	3540
Full Load Current @ 440/460/480V	23.8/22.8/21.8 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.