

Motor Data Sheet



Output kW	30
Pole	6
Frame Size	225M
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	985
Full Load Current @ 400V	54.9 A
Starting Current Ratio	8.15
Full Load Torque (Nm)	290.5
Starting Torque Ratio	2.64
Break Down Torque Ratio	2.57
Pull Up Torque Ratio	1.51
Efficiency @ 100% load	91.9%
Efficiency @ 75% load	92.4%
Efficiency @ 50% load	91.9%
Power factor @ 100% load	0.86
Power factor @ 75% load	0.83
Power factor @ 50% load	0.74
Noise Level dB (A) @ 1 metre	72
Output kW @ 440/460/480V	33.0/34.5/36.0
Full Load RPM @ 60Hz	1176
Full Load Current @ 440/460/480V	49.9/47.7/45.8 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.	6313/6313 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.