

Motor Data Sheet



Output kW	37
Pole	4
Frame Size	225S
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	1475
Full Load Current @ 400V	65.4A
Starting Current Ratio	7.43
Full Load Torque (Nm)	239.1
Starting Torque Ratio	2.22
Break Down Torque Ratio	2.43
Pull Up Torque Ratio	1.47
Efficiency @ 100% load	92.8%
Efficiency @ 75% load	93.4%
Efficiency @ 50% load	93.3%
Power factor @ 100% load	0.89
Power factor @ 75% load	0.87
Power factor @ 50% load	0.80
Noise Level dB (A) @ 1 metre	75
Output kW @ 440/460/480V	40.7/42.6/44.4
Full Load RPM @ 60Hz	1770
Full Load Current @ 440/460/480V	59.5/56.9/54.5 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.