

Motor Data Sheet



Output kW	55
Pole	4
Frame Size	250M
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	1480
Full Load Current @ 400V	98.7 A
Starting Current Ratio	8.05
Full Load Torque (Nm)	354.4
Starting Torque Ratio	2.64
Break Down Torque Ratio	2.68
Pull Up Torque Ratio	1.67
Efficiency @ 100% load	93.6%
Efficiency @ 75% load	93.9%
Efficiency @ 50% load	93.4%
Power factor @ 100% load	0.86
Power factor @ 75% load	0.83
Power factor @ 50% load	0.74
Noise Level dB (A) @ 1 metre	77
Output kW @ 440/460/480V	60.5/63.3/66.0
Full Load RPM @ 60Hz	1776
Full Load Current @ 440/460/480V	89.7/85.8/82.3 A
Vibration Limit	3.5 mm/sec
Bearing Make	NSK
Bearing Type D.E./N.D.E	Ball/Ball
Bearing Size D.E./N.D.E.	6314/6314 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.