

Motor Data Sheet



Output kW	1.5
Pole	8
Frame Size	112M
Voltage	230/415 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	700
Full Load Current @ 400V	4.18 A
Starting Current Ratio	4.03
Full Load Torque (Nm)	20.4
Starting Torque Ratio	1.82
Break Down Torque Ratio	2.12
Pull Up Torque Ratio	1.80
Efficiency @ 100% load	78.4%
Efficiency @ 75% load	79.3%
Efficiency @ 50% load	77.2%
Power factor @ 100% load	0.68
Power factor @ 75% load	0.59
Power factor @ 50% load	0.46
Noise Level dB (A) @ 1 metre	55
Output kW @ 440/460/480V	1.65/1.73/1.80
Full Load RPM @ 60Hz	840
Full Load Current @ 440/460/480V	3.80/3.63/3.48 A
Vibration Limit	1.8 mm/sec
Bearing Make	NSK
Bearing Type D.E./N.D.E	Ball/Ball
Bearing Size D.E./N.D.E.	6306ZZ/6306ZZ C3
Motor Mass	kg
Thermal Protection	Available upon request

Note: This data sheet has been issued for our standard TCI series and is subject to change without prior notice.