

Motor Data Sheet



Output kW	0.25
Pole	4
Frame Size	71A
Voltage	230/415 50Hz, 440/460/480 60Hz
Motor Series	TAI
Construction	Aluminium
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	1365
Full Load Current @ 400V	0.75 A
Starting Current Ratio	3.88
Full Load Torque (Nm)	1.74
Starting Torque Ratio	2.05
Break Down Torque Ratio	2.24
Pull Up Torque Ratio	1.84
Efficiency @ 100% load	63.0%
Efficiency @ 75% load	61.7%
Efficiency @ 50% load	55.0%
Power factor @ 100% load	0.76
Power factor @ 75% load	0.68
Power factor @ 50% load	0.51
Noise Level dB (A) @ 1 metre	58
Output kW @ 440/460/480V	0.27/0.29/0.30
Full Load RPM @ 60Hz	1638
Full Load Current @ 440/460/480V	0.68/0.65/0.63 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.	6202ZZ/6202ZZ C3
Motor Mass	5.0 kg
Thermal Protection	Available upon request

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