

Motor Data Sheet



Output kW	0.55
Pole	2
Frame Size	71B
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	2800
Full Load Current @ 400V	1.41 A
Starting Current Ratio	5.04
Full Load Torque (Nm)	1.88
Starting Torque Ratio	3.02
Break Down Torque Ratio	2.69
Pull Up Torque Ratio	1.81
Efficiency @ 100% load	71.3%
Efficiency @ 75% load	69.9%
Efficiency @ 50% load	64.3%
Power factor @ 100% load	0.79
Power factor @ 75% load	0.69
Power factor @ 50% load	0.55
Noise Level dB (A) @ 1 metre	61
Output kW @ 440/460/480V	0.60/0.63/0.66
Full Load RPM @ 60Hz	3360
Full Load Current @ 440/460/480V	1.28/1.23/1.18 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	6.0 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.