

# Motor Data Sheet



Output kW	0.09
Pole	4
Frame Size	56B
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	1375
Full Load Current @ 400V	0.41 A
Starting Current Ratio	3.15
Full Load Torque (Nm)	0.62
Starting Torque Ratio	2.85
Break Down Torque Ratio	2.80
Pull Up Torque Ratio	2.59
Efficiency @ 100% load	52.6%
Efficiency @ 75% load	48.7%
Efficiency @ 50% load	40.8%
Power factor @ 100% load	0.60
Power factor @ 75% load	0.51
Power factor @ 50% load	0.42
Noise Level dB (A) @ 1 metre	56
Output kW @ 440/460/480V	0.099/0.103/0.108
Full Load RPM @ 60Hz	1650
Full Load Current @ 440/460/480V	0.37/0.36/0.34 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.	6201ZZ/6201ZZ C3
Motor Mass	3.2 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.