

# Motor Data Sheet



Output kW	0.18
Pole	4
Frame Size	63B
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	1275
Full Load Current @ 400V	0.67 A
Starting Current Ratio	2.88
Full Load Torque (Nm)	1.35
Starting Torque Ratio	2.34
Break Down Torque Ratio	2.28
Pull Up Torque Ratio	2.17
Efficiency @ 100% load	56.8%
Efficiency @ 75% load	57.3%
Efficiency @ 50% load	52.2%
Power factor @ 100% load	0.68
Power factor @ 75% load	0.57
Power factor @ 50% load	0.45
Noise Level dB (A) @ 1 metre	56
Output kW @ 440/460/480V	0.198/0.207/0.216
Full Load RPM @ 60Hz	1530
Full Load Current @ 440/460/480V	0.61/0.58/0.56 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	3.7 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.