

# Motor Data Sheet



Output kW	1.1
Pole	2
Frame Size	80B
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	2880
Full Load Current @ 400V	2.39 A
Starting Current Ratio	7.58
Full Load Torque (Nm)	3.6
Starting Torque Ratio	2.83
Break Down Torque Ratio	2.85
Pull Up Torque Ratio	1.86
Efficiency @ 100% load	81.2%
Efficiency @ 75% load	81.3%
Efficiency @ 50% load	78.8%
Power factor @ 100% load	0.82
Power factor @ 75% load	0.74
Power factor @ 50% load	0.59
Noise Level dB (A) @ 1 metre	64
Output kW @ 440/460/480V	1.21/1.27/1.32
Full Load RPM @ 60Hz	3456
Full Load Current @ 440/460/480V	2.17/2.07/1.99 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.	6204ZZ/6204ZZ C3
Motor Mass	10.4 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.