

# Motor Data Sheet



Output kW	0.55
Pole	6
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	900
Full Load Current @ 400V	1.85 A
Starting Current Ratio	3.46
Full Load Torque (Nm)	5.79
Starting Torque Ratio	2.17
Break Down Torque Ratio	2.34
Pull Up Torque Ratio	1.98
Efficiency @ 100% load	65.8%
Efficiency @ 75% load	64.4%
Efficiency @ 50% load	57.6%
Power factor @ 100% load	0.65
Power factor @ 75% load	0.54
Power factor @ 50% load	0.42
Noise Level dB (A) @ 1 metre	58
Output kW @ 440/460/480V	0.60/0.63/0.66
Full Load RPM @ 60Hz	1080
Full Load Current @ 440/460/480V	1.68/1.61/1.54 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	9.1 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.