

# Motor Data Sheet



Output kW	1.1
Pole	8
Frame Size	100LB
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	690
Full Load Current @ 400V	3.17 A
Starting Current Ratio	3.90
Full Load Torque (Nm)	15.1
Starting Torque Ratio	1.98
Break Down Torque Ratio	2.30
Pull Up Torque Ratio	1.92
Efficiency @ 100% load	74.8%
Efficiency @ 75% load	75.2%
Efficiency @ 50% load	72.0%
Power factor @ 100% load	0.67
Power factor @ 75% load	0.57
Power factor @ 50% load	0.44
Noise Level dB (A) @ 1 metre	55
Output kW @ 440/460/480V	1.21/1.27/1.32
Full Load RPM @ 60Hz	828
Full Load Current @ 440/460/480V	2.88/2.76/2.64 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.	6206ZZ/6206ZZ C3
Motor Mass	25 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.