

# Motor Data Sheet



Output kW	5.5
Pole	2
Frame Size	132SA
Voltage	415/690 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	2910
Full Load Current @ 400V	10.3 A
Starting Current Ratio	8.23
Full Load Torque (Nm)	18.0
Starting Torque Ratio	2.44
Break Down Torque Ratio	3.43
Pull Up Torque Ratio	1.95
Efficiency @ 100% load	87.8%
Efficiency @ 75% load	88.3%
Efficiency @ 50% load	87.3%
Power factor @ 100% load	0.89
Power factor @ 75% load	0.85
Power factor @ 50% load	0.76
Noise Level dB (A) @ 1 metre	75
Output kW @ 440/460/480V	6.1/6.3/6.6
Full Load RPM @ 60Hz	3492
Full Load Current @ 440/460/480V	9.4/9.0/8.6
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.	6308ZZ/6308ZZ C3
Motor Mass	45.4 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.