

Motor Data Sheet



Output kW	5.5
Pole	4
Frame Size	132S
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	1460
Full Load Current @ 400V	11.0 A
Starting Current Ratio	8.56
Full Load Torque (Nm)	35.9
Starting Torque Ratio	2.17
Break Down Torque Ratio	3.50
Pull Up Torque Ratio	1.93
Efficiency @ 100% load	88.1%
Efficiency @ 75% load	88.5%
Efficiency @ 50% load	87.4%
Power factor @ 100% load	0.83
Power factor @ 75% load	0.77
Power factor @ 50% load	0.65
Noise Level dB (A) @ 1 metre	67
Output kW @ 440/460/480V	6.1/6.3/6.6
Full Load RPM @ 60Hz	1752
Full Load Current @ 440/460/480V	10.0/9.6/9.2 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.	6308ZZ/6308ZZ C3
Motor Mass	49.4 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.