

Motor Data Sheet



Output kW	2.2
Pole	8
Frame Size	132M
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	710
Full Load Current @ 400V	5.95 A
Starting Current Ratio	4.20
Full Load Torque (Nm)	29.4
Starting Torque Ratio	1.86
Break Down Torque Ratio	2.33
Pull Up Torque Ratio	1.74
Efficiency @ 100% load	80.0%
Efficiency @ 75% load	80.6%
Efficiency @ 50% load	78.3%
Power factor @ 100% load	0.67
Power factor @ 75% load	0.58
Power factor @ 50% load	0.45
Noise Level dB (A) @ 1 metre	55
Output kW @ 440/460/480V	2.42/2.53/2.64
Full Load RPM @ 60Hz	852
Full Load Current @ 440/460/480V	5.40/5.20/5.00 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	52 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.