

Motor Data Sheet



Output kW	2.2
Pole	6
Frame Size	112M
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	950
Full Load Current @ 400V	5.36 A
Starting Current Ratio	5.47
Full Load Torque (Nm)	22.0
Starting Torque Ratio	2.20
Break Down Torque Ratio	2.71
Pull Up Torque Ratio	1.81
Efficiency @ 100% load	82.8%
Efficiency @ 75% load	83.9%
Efficiency @ 50% load	82.8%
Power factor @ 100% load	0.73
Power factor @ 75% load	0.64
Power factor @ 50% load	0.51
Noise Level dB (A) @ 1 metre	59
Output kW @ 440/460/480V	2.42/2.53/2.64
Full Load RPM @ 60Hz	1140
Full Load Current @ 440/460/480V	4.87/4.66/4.47 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.	6306ZZ/6306ZZ C3
Motor Mass	26.3 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.