

Motor Data Sheet



Output kW	3.0
Pole	2
Frame Size	100L
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	2900
Full Load Current @ 400V	5.59 A
Starting Current Ratio	9.20
Full Load Torque (Nm)	9.9
Starting Torque Ratio	3.09
Break Down Torque Ratio	3.51
Pull Up Torque Ratio	2.49
Efficiency @ 100% load	87.0%
Efficiency @ 75% load	87.6%
Efficiency @ 50% load	86.6%
Power factor @ 100% load	0.90
Power factor @ 75% load	0.87
Power factor @ 50% load	0.78
Noise Level dB (A) @ 1 metre	71
Output kW @ 440/460/480V	3.3/3.5/3.6
Full Load RPM @ 60Hz	3480
Full Load Current @ 440/460/480V	5.08/4.86/4.66 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	22.3 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.