

Motor Data Sheet



Output kW	3.0
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	715
Full Load Current @ 400V	7.80 A
Starting Current Ratio	5.29
Full Load Torque (Nm)	39.9
Starting Torque Ratio	2.31
Break Down Torque Ratio	2.74
Pull Up Torque Ratio	2.03
Efficiency @ 100% load	82.7%
Efficiency @ 75% load	83.1%
Efficiency @ 50% load	81.1%
Power factor @ 100% load	0.70
Power factor @ 75% load	0.61
Power factor @ 50% load	0.47
Noise Level dB (A) @ 1 metre	58
Output kW @ 440/460/480V	3.3/3.5/3.6
Full Load RPM @ 60Hz	858
Full Load Current @ 440/460/480V	7.1/6.8/6.5 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	55 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.