

Motor Data Sheet



Output kW	0.18
Pole	8
Frame Size	80A
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	690
Full Load Current @ 400V	0.82 A
Starting Current Ratio	2.91
Full Load Torque (Nm)	2.48
Starting Torque Ratio	2.23
Break Down Torque Ratio	2.48
Pull Up Torque Ratio	2.02
Efficiency @ 100% load	55.0%
Efficiency @ 75% load	51.4%
Efficiency @ 50% load	43.4%
Power factor @ 100% load	0.58
Power factor @ 75% load	0.49
Power factor @ 50% load	0.40
Noise Level dB (A) @ 1 metre	53
Output kW @ 440/460/480V	0.198/0.207/0.216
Full Load RPM @ 60Hz	828
Full Load Current @ 440/460/480V	0.74/0.71/0.68 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.	6204ZZ/6204ZZ C3
Motor Mass	8.3 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.