

Motor Data Sheet



Output kW	0.25
Pole	8
Frame Size	80B
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	680
Full Load Current @ 400V	1.05 A
Starting Current Ratio	3.07
Full Load Torque (Nm)	3.46
Starting Torque Ratio	2.30
Break Down Torque Ratio	2.48
Pull Up Torque Ratio	2.07
Efficiency @ 100% load	58.7%
Efficiency @ 75% load	55.6%
Efficiency @ 50% load	48.0%
Power factor @ 100% load	0.58
Power factor @ 75% load	0.49
Power factor @ 50% load	0.39
Noise Level dB (A) @ 1 metre	54
Output kW @ 440/460/480V	0.27/0.29/0.30
Full Load RPM @ 60Hz	816
Full Load Current @ 440/460/480V	0.95/0.91/0.88 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	9.3 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.