

Motor Data Sheet



Output kW	0.75
Pole	6
Frame Size	90S
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	940
Full Load Current @ 400V	2.22 A
Starting Current Ratio	4.44
Full Load Torque (Nm)	7.6
Starting Torque Ratio	2.25
Break Down Torque Ratio	2.52
Pull Up Torque Ratio	1.96
Efficiency @ 100% load	76.3%
Efficiency @ 75% load	75.7%
Efficiency @ 50% load	71.5%
Power factor @ 100% load	0.65
Power factor @ 75% load	0.54
Power factor @ 50% load	0.41
Noise Level dB (A) @ 1 metre	58
Output kW @ 440/460/480V	0.83/0.86/0.90
Full Load RPM @ 60Hz	1128
Full Load Current @ 440/460/480V	2.01/1.93/1.85 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.	6205ZZ/6205ZZ C3
Motor Mass	13 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.