

Motor Data Sheet



Output kW	0.75
Pole	8
Frame Size	100LA
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	2.21 A
Starting Current Ratio	3.63
Full Load Torque (Nm)	10.4
Starting Torque Ratio	1.77
Break Down Torque Ratio	2.13
Pull Up Torque Ratio	1.75
Efficiency @ 100% load	72.3%
Efficiency @ 75% load	73.3%
Efficiency @ 50% load	69.8%
Power factor @ 100% load	0.68
Power factor @ 75% load	0.58
Power factor @ 50% load	0.45
Noise Level dB (A) @ 1 metre	55
Output kW @ 440/460/480V	0.83/0.86/0.90
Full Load RPM @ 60Hz	828
Full Load Current @ 440/460/480V	2.00/1.92/1.84 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	21 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.