

Motor Data Sheet



Output kW	1.5
Pole	6
Frame Size	100L
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	945
Full Load Current @ 400V	3.71 A
Starting Current Ratio	4.72
Full Load Torque (Nm)	15.1
Starting Torque Ratio	1.72
Break Down Torque Ratio	2.25
Pull Up Torque Ratio	1.61
Efficiency @ 100% load	80.1%
Efficiency @ 75% load	82.0%
Efficiency @ 50% load	81.5%
Power factor @ 100% load	0.74
Power factor @ 75% load	0.66
Power factor @ 50% load	0.53
Noise Level dB (A) @ 1 metre	59
Output kW @ 440/460/480V	1.65/1.73/1.80
Full Load RPM @ 60Hz	1134
Full Load Current @ 440/460/480V	3.37/3.23/3.09 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	20 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.