

Motor Data Sheet



Output kW	4.0
Pole	2
Frame Size	112M
Voltage	415/690 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	2915
Full Load Current @ 400V	7.56 A
Starting Current Ratio	9.60
Full Load Torque (Nm)	13.1
Starting Torque Ratio	3.32
Break Down Torque Ratio	3.65
Pull Up Torque Ratio	2.08
Efficiency @ 100% load	87.4%
Efficiency @ 75% load	87.7%
Efficiency @ 50% load	86.4%
Power factor @ 100% load	0.89
Power factor @ 75% load	0.84
Power factor @ 50% load	0.73
Noise Level dB (A) @ 1 metre	71
Output kW @ 440/460/480V	4.4/4.6/4.8
Full Load RPM @ 60Hz	3498
Full Load Current @ 440/460/480V	6.87/6.57/6.30 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.	6306ZZ/6306ZZ C3
Motor Mass	28.7 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.