

# Motor Data Sheet



Output kW	4.0
Pole	6
Frame Size	132MA
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	960
Full Load Current @ 400V	9.21 A
Starting Current Ratio	5.83
Full Load Torque (Nm)	39.6
Starting Torque Ratio	2.00
Break Down Torque Ratio	2.57
Pull Up Torque Ratio	1.65
Efficiency @ 100% load	84.7%
Efficiency @ 75% load	85.6%
Efficiency @ 50% load	84.7%
Power factor @ 100% load	0.74
Power factor @ 75% load	0.68
Power factor @ 50% load	0.56
Noise Level dB (A) @ 1 metre	63
Output kW @ 440/460/480V	4.4/4.6/4.8
Full Load RPM @ 60Hz	1152
Full Load Current @ 440/460/480V	8.4/8.0/7.7
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.	6308ZZ/6308ZZ C3
Motor Mass	52 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.