



MOTOR DATA SHEET

MOTOR PART CODE:

11.023TECAB14-IE2

FRAME SIZE:

160M1-2

50Hz

Output (kW)	11
Rotation Speed (rpm)	2940
Voltage	400/690
Full Load Current (A)	19.96 11.52
Full Load Torque (Nm)	35.73129252

60Hz

Output (kW)	13.2
Rotation Speed (rpm)	3528
Voltage	480 828
Full Load Current (A)	19.96 11.52
Full Load Torque (Nm)	29.78

Efficiency Data

100%	75%	50%
89.4	89.5	88.2

Factory Reference	MS2 160M1-2
Tst/Tn (times)	3.2
Tmax/Tn	3.2
Noise (dB)	86
Moment of inertia	0.04847099
Type of feet	Not Fitted
Protection	IP55
Rotation Direction	F / R
Cable Glands	2 - M32 × 1.5
Paint Colour	RAL 7024
Efficiency	IE2
Bearing (DE)	6309 2RS C3

Power Factor (cos)	0.89
Tmin/Tn	2.2
Ist/In (Times)	9
Net Weight (Kg)	79.2
Housing material	Aluminum
Insulation Class	F
Thermal Protection	PTC 130°C
Duty Cycle	S1
Cooling	IC411
Ambient Temperature	-20°C to + 40°C
Bearing Brand	NSK
Bearing (NDE)	6309 2RS C3

Motors designed and manufactured in accordance with:

**IEC 60034
IEC 60038
IEC 60072
2014/30/EU (EMC)
2014/35/EU (LVD)
2011/65/EU (RoHS 2)**

www.tecmotors.co.uk

TEC Electric Motors Ltd. reserves the right to amend or change motor designs or data sheet information

