



MOTOR DATA SHEET

MOTOR PART CODE:

7.563TECAB14-IE2

FRAME SIZE:

160M-6

	50Hz
Output (kW)	7.5
Rotation Speed (rpm)	970
Voltage	400/690
Full Load Current (A)	16.78 9.69
Full Load Torque (Nm)	73.84020619

	60Hz
Output (kW)	9
Rotation Speed (rpm)	1164
Voltage	480 828
Full Load Current (A)	16.78 9.69
Full Load Torque (Nm)	61.53

Efficiency Data

100%	75%	50%
87.2	87.8	86.7

Factory Reference	MS2 160M-6
Tst/Tn (times)	2.8
Tmax/Tn	2.9
Noise (dB)	68
Moment of inertia	0.08968832
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)	0.74
Tmin/Tn	1.6
Ist/In (Times)	7.1
Net Weight (Kg)	72.6
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