



MOTOR DATA SHEET

MOTOR PART CODE:

7.543TECAB3-IE2

FRAME SIZE:

132M-4

50Hz

Output (kW)	7.5
Rotation Speed (rpm)	1450
Voltage	400/690
Full Load Current (A)	14.53 8.39
Full Load Torque (Nm)	49.39655172

60Hz

Output (kW)	9
Rotation Speed (rpm)	1740
Voltage	480 828
Full Load Current (A)	14.53 8.39
Full Load Torque (Nm)	41.16

Efficiency Data

100%	75%	50%
88.7	89.2	88.4

Factory Reference	MS2 132M-4
Tst/Tn (times)	3.1
Tmax/Tn	3.4
Noise (dB)	71
Moment of inertia	0.03586392
Type of feet	Removable feet
Protection	IP55
Rotation Direction	F / R
Cable Glands	2 - M25 × 1.5
Paint Colour	RAL 7024
Efficiency	IE2
Bearing (DE)	6308 2RZ C3

Power Factor (cos)	0.84
Tmin/Tn	2.1
Ist/In (Times)	8.8
Net Weight (Kg)	52.6
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)	6208 2RZ 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