



# MOTOR DATA SHEET

**MOTOR PART CODE:**

**22.023TECCB5-IE2**

**FRAME SIZE:**

**180M-2**

	50Hz
Output (kW)	22
Rotation Speed (rpm)	2945
Voltage	400/690
Full Load Current (A)	38.64/22.31
Full Load Torque (Nm)	71.34

	60Hz
Output (kW)	26.4
Rotation Speed (rpm)	3534
Voltage	480/828
Full Load Current (A)	38.64/22.31
Full Load Torque (Nm)	59.45

## Efficiency Data

100%	75%	50%
91.3	91.2	89.8

Factory Reference	T2C 180M-2
Tst/Tn (times)	2.5
Tmax/Tn	2.8
Noise (dB)	89
Moment of inertia	0.0811
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)	6311 C3

Power Factor (cos)	0.9
Tmin/Tn	1.4
Ist/In (Times)	9
Net Weight (Kg)	168
Housing material	Cast Iron
Insulation Class	F
Thermal Protection	PTC 140°C
Duty Cycle	S1
Cooling	IC 411
Ambient Temperature	-20°C to +40°C
Bearing Brand	NSK
Bearing (NDE)	6311 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](http://www.tecmotors.co.uk)

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