



# MOTOR DATA SHEET

**MOTOR PART CODE:**

**11.023TECCB5-IE2**

**FRAME SIZE:**

**160M1-2**

	<b>50Hz</b>
Output (kW)	11
Rotation Speed (rpm)	2930
Voltage	400/690
Full Load Current (A)	19.73/11.39
Full Load Torque (Nm)	35.85

	<b>60Hz</b>
Output (kW)	13.2
Rotation Speed (rpm)	3516
Voltage	480/828
Full Load Current (A)	19.73/11.39
Full Load Torque (Nm)	29.88

## Efficiency Data

<b>100%</b>	<b>75%</b>	<b>50%</b>
89.4	89.5	89

Factory Reference	T2C 160M1-2
Tst/Tn (times)	2.5
Tmax/Tn	2.8
Noise (dB)	86
Moment of inertia	0.04561
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 C3

Power Factor (cos)	0.9
Tmin/Tn	1.4
Ist/In (Times)	8.5
Net Weight (Kg)	113
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)	6309 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)**

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