



# MOTOR DATA SHEET

**MOTOR PART CODE:**

**5.583TECCB3**

**FRAME SIZE:**

**160M2-8**

**50Hz**

Output (kW)	5.5
Rotation Speed (rpm)	720
Voltage	400   690
Full Load Current (A)	12.85   7.42
Full Load Torque (Nm)	72.95138889

**60Hz**

Output (kW)	6.6
Rotation Speed (rpm)	864
Voltage	480   828
Full Load Current (A)	12.85   7.42
Full Load Torque (Nm)	60.79

## Efficiency Data

<b>100%</b>	<b>75%</b>	<b>50%</b>
83.5	81.6	77.7

Factory Reference	T1C 160M2-8
Tst/Tn (times)	2
Tmax/Tn	2.2
Noise (dB)	68
Moment of inertia	0.09095
Type of feet	Removable feet
Protection	IP55
Rotation Direction	F / R
Cable Glands	2 - M32× 1.5
Paint Colour	RAL 7024
Efficiency	IE1
Bearing (DE)	6309 C3

Power Factor (cos)	0.74
Tmin/Tn	1.2
Ist/In (Times)	6
Net Weight (Kg)	124
Housing material	Cast iron
Insulation Class	F
Thermal Protection	PTC 140°C
Duty Cycle	S1
Cooling	IC411
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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