



# MOTOR DATA SHEET

**MOTOR PART CODE:**

**55.043TECCB5-IE3**

**FRAME SIZE:**

**250M-4**

**50Hz**

Output (kW)	55
Rotation Speed (rpm)	1470
Voltage	400/690
Full Load Current (A)	95.36   55.05
Full Load Torque (Nm)	357.3

**60Hz**

Output (kW)	66
Rotation Speed (rpm)	1764
Voltage	480   828
Full Load Current (A)	95.36   55.05
Full Load Torque (Nm)	297.75

## Efficiency Data

100%	75%	50%
94.6	95.2	94.5

Factory Reference	T3C 250M-4
Tst/Tn (times)	2.5
Tmax/Tn	2.5
Noise (dB)	83
Moment of inertia	0.76504
Type of feet	Not Fitted
Protection	IP55
Rotation Direction	F / R
Cable Glands	2 - M50× 1.5
Paint Colour	RAL 7024
Efficiency	IE3
Bearing (DE)	6314 C3

Power Factor (cos)	0.88
Tmin/Tn	1.8
Ist/In (Times)	8.5
Net Weight (Kg)	427.4
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)	6314 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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