



# MOTOR DATA SHEET

**MOTOR PART CODE:**

**37.023TECCB5-IE3**

**FRAME SIZE:**

**200L2-2**

	50Hz
Output (kW)	37
Rotation Speed (rpm)	2945
Voltage	400/690
Full Load Current (A)	64.04   36.97
Full Load Torque (Nm)	120

	60Hz
Output (kW)	44.4
Rotation Speed (rpm)	3534
Voltage	480   828
Full Load Current (A)	64.04   36.97
Full Load Torque (Nm)	100.00

## Efficiency Data

100%	75%	50%
93.7	94.4	94.2

Factory Reference	T3C 200L2-2
Tst/Tn (times)	2.5
Tmax/Tn	2.5
Noise (dB)	92
Moment of inertia	0.20008
Type of feet	Not Fitted
Protection	IP55
Rotation Direction	F / R
Cable Glands	2 - M40× 1.5
Paint Colour	RAL 7024
Efficiency	IE3
Bearing (DE)	6312 C3

Power Factor (cos)	0.89
Tmin/Tn	1.5
Ist/In (Times)	8.5
Net Weight (Kg)	268
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)	6312 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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