MOTOR DATA SHEET

MOTOR PART CODE: **37.043TECCB5-IE3**

FRAME SIZE: **225S-4**

50Hz	
Output (kW)	37
Rotation Speed (rpm)	1470
Voltage	400/690
Full Load Current (A)	65.37 | 37.74
Full Load Torque (Nm)	240.4

60Hz	
Output (kW)	44.4
Rotation Speed (rpm)	1764
Voltage	480 | 828
Full Load Current (A)	65.37 | 37.74
Full Load Torque (Nm)	200.33

Efficiency Data

100%	**75%**	**50%**
93.9	95.2	94.3

Factory Reference	T3C 225S-4
Tst/Tn (times)	2.5
Tmax/Tn	2.5
Noise (dB)	81
Moment of inertia	0.57838
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)	6313 C3

Power Factor (cos)	0.87
Tmin/Tn	1.4
Ist/In (Times)	9.2
Net Weight (Kg)	324.5
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)	6313 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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