



# MOTOR DATA SHEET

**MOTOR PART CODE:**

**90.043TECCB3-IE2**

**FRAME SIZE:**

**280M-4**

	<b>50Hz</b>
Output (kW)	90
Rotation Speed (rpm)	1480
Voltage	400/690
Full Load Current (A)	153.22/88.46
Full Load Torque (Nm)	580.7

	<b>60Hz</b>
Output (kW)	108
Rotation Speed (rpm)	1776
Voltage	480/828
Full Load Current (A)	153.22/88.46
Full Load Torque (Nm)	483.92

## Efficiency Data

<b>100%</b>	<b>75%</b>	<b>50%</b>
94.2	94.9	93.7

Factory Reference	T2C 280M-4
Tst/Tn (times)	2.5
Tmax/Tn	2.5
Noise (dB)	86
Moment of inertia	1.89187
Type of feet	Removable feet
Protection	IP55
Rotation Direction	F / R
Cable Glands	2 - M50× 1.5
Paint Colour	RAL 7024
Efficiency	IE2
Bearing (DE)	6316 C3

Power Factor (cos)	0.9
Tmin/Tn	2
Ist/In (Times)	8.7
Net Weight (Kg)	650
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)	6316 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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