



# MOTOR DATA SHEET

**MOTOR PART CODE:**

**90.043TECCB3-IE3**

**FRAME SIZE:**

**280M-4**

	50Hz
Output (kW)	90
Rotation Speed (rpm)	1480
Voltage	400/690
Full Load Current (A)	160.53   92.68
Full Load Torque (Nm)	580.7

	60Hz
Output (kW)	108
Rotation Speed (rpm)	1776
Voltage	480   828
Full Load Current (A)	160.53   92.68
Full Load Torque (Nm)	483.92

## Efficiency Data

100%	75%	50%
95.2	95.1	95

Factory Reference	T3C 280M-4
Tst/Tn (times)	2.5
Tmax/Tn	2.8
Noise (dB)	86
Moment of inertia	2.18345
Type of feet	Removable feet
Protection	IP55
Rotation Direction	F / R
Cable Glands	2 - M50× 1.5
Paint Colour	RAL 7024
Efficiency	IE3
Bearing (DE)	6316 C3

Power Factor (cos)	0.85
Tmin/Tn	1.8
Ist/In (Times)	10
Net Weight (Kg)	692
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)	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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