



## MOTOR DATA SHEET

**MOTOR PART CODE:**

**45.063TECCB35-250-IE2**

**FRAME SIZE:**

**T2C 250M-6**

**50Hz**

|                       |               |
|-----------------------|---------------|
| Output (kW)           | 45            |
| Rotation Speed (rpm)  | 980           |
| Voltage               | 400/690       |
| Full Load Current (A) | 83.41   48.35 |
| Full Load Torque (Nm) | 438.5204082   |

**60Hz**

|                       |               |
|-----------------------|---------------|
| Output (kW)           | 54            |
| Rotation Speed (rpm)  | 1176          |
| Voltage               | 480   828     |
| Full Load Current (A) | 83.41   48.35 |
| Full Load Torque (Nm) | 365.43        |

### Efficiency Data

| 100% | 75%  | 50%  |
|------|------|------|
| 92.7 | 92.1 | 91.7 |

|                    |                |
|--------------------|----------------|
| Factory Reference  | T2CR250M2-6    |
| Tst/Tn (times)     | 1.8            |
| Tmax/Tn            | 2.2            |
| Noise (dB)         | 80             |
| Moment of inertia  | 1.32432        |
| 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)       | 6314 C3        |

|                     |                   |
|---------------------|-------------------|
| Power Factor (cos)  | 0.84              |
| Tmin/Tn             | 1.3               |
| Ist/In (Times)      | 7                 |
| Net Weight (Kg)     | 430               |
| 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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