



# MOTOR DATA SHEET

**MOTOR PART CODE:**

**110.043TECCB3-IE3**

**FRAME SIZE:**

**315S-4**

|                       | 50Hz            |
|-----------------------|-----------------|
| Output (kW)           | 110             |
| Rotation Speed (rpm)  | 1480            |
| Voltage               | 400/690         |
| Full Load Current (A) | 189.12   109.19 |
| Full Load Torque (Nm) | 709.8           |

|                       | 60Hz            |
|-----------------------|-----------------|
| Output (kW)           | 132             |
| Rotation Speed (rpm)  | 1776            |
| Voltage               | 480   828       |
| Full Load Current (A) | 189.12   109.19 |
| Full Load Torque (Nm) | 591.50          |

## Efficiency Data

| 100% | 75%  | 50%  |
|------|------|------|
| 95.4 | 95.7 | 94.6 |

|                    |              |
|--------------------|--------------|
| Factory Reference  | T3C 315S-4   |
| Tst/Tn (times)     | 2.2          |
| Tmax/Tn            | 2.6          |
| Noise (dB)         | 93           |
| Moment of inertia  | 3.71808      |
| Type of feet       | Fixed feet   |
| Protection         | IP55         |
| Rotation Direction | F / R        |
| Cable Glands       | 2 - M63× 1.5 |
| Paint Colour       | RAL 7024     |
| Efficiency         | IE3          |
| Bearing (DE)       | NU319 C3     |

|                     |                |
|---------------------|----------------|
| Power Factor (cos)  | 0.88           |
| Tmin/Tn             | 1.5            |
| Ist/In (Times)      | 9              |
| Net Weight (Kg)     | 1027           |
| 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)       | 6319 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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