



# MOTOR DATA SHEET

**MOTOR PART CODE:**

**2.263TECAB14-IE3**

**FRAME SIZE:**

**112M-6**

|                       | 50Hz        |
|-----------------------|-------------|
| Output (kW)           | 2.2         |
| Rotation Speed (rpm)  | 965         |
| Voltage               | 230/400     |
| Full Load Current (A) | 9.6   5.54  |
| Full Load Torque (Nm) | 21.77202073 |

|                       | 60Hz       |
|-----------------------|------------|
| Output (kW)           | 2.64       |
| Rotation Speed (rpm)  | 1158       |
| Voltage               | 276   480  |
| Full Load Current (A) | 9.6   5.54 |
| Full Load Torque (Nm) | 18.14      |

## Efficiency Data

| 100% | 75%  | 50%  |
|------|------|------|
| 84.3 | 84.5 | 83.2 |

|                    |               |
|--------------------|---------------|
| Factory Reference  | T3A 112M-6    |
| Tst/Tn (times)     | 2             |
| Tmax/Tn            | 2.5           |
| Noise (dB)         | 64            |
| Moment of inertia  | 0.01767543    |
| Type of feet       | Not Fitted    |
| Protection         | IP55          |
| Rotation Direction | F / R         |
| Cable Glands       | 2 - M25 × 1.5 |
| Paint Colour       | RAL 7024      |
| Efficiency         | IE3           |
| Bearing (DE)       | 6306 2RS C3   |

|                     |                |
|---------------------|----------------|
| Power Factor (cos)  | 0.68           |
| Tmin/Tn             | 1.8            |
| Ist/In (Times)      | 5.5            |
| Net Weight (Kg)     | 27.1           |
| Housing material    | Aluminum       |
| Insulation Class    | F              |
| Thermal Protection  | PTC 130°C      |
| Duty Cycle          | S1             |
| Cooling             | IC 411         |
| Ambient Temperature | -20°C to +40°C |
| Bearing Brand       | NSK            |
| Bearing (NDE)       | 6206 2RS 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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