



# MOTOR DATA SHEET

**MOTOR PART CODE:**

**0.2523TECAB14**

**FRAME SIZE:**

**632-2**

|                       | 50Hz        |
|-----------------------|-------------|
| Output (kW)           | 0.25        |
| Rotation Speed (rpm)  | 2710        |
| Voltage               | 230/400     |
| Full Load Current (A) | 1.23   0.71 |
| Full Load Torque (Nm) | 0.88099631  |

|                       | 60Hz        |
|-----------------------|-------------|
| Output (kW)           | 0.3         |
| Rotation Speed (rpm)  | 3252        |
| Voltage               | 276   480   |
| Full Load Current (A) | 1.23   0.71 |
| Full Load Torque (Nm) | 0.73        |

## Efficiency Data

| 100% | 75% | 50% |
|------|-----|-----|
| 65   | 64  | 57  |

|                    |              |
|--------------------|--------------|
| Factory Reference  | MS632-2      |
| Tst/Tn (times)     | 2.2          |
| Tmax/Tn            | 2.4          |
| Noise (dB)         | 61           |
| Moment of inertia  | 0.000170932  |
| Type of feet       | Not Fitted   |
| Protection         | IP55         |
| Rotation Direction | F / R        |
| Cable Glands       | 1 - M20× 1.5 |
| Paint Colour       | RAL 7024     |
| Efficiency         | IE1          |
| Bearing (DE)       | 6201 2RS C3  |

|                     |               |
|---------------------|---------------|
| Power Factor (cos)  | 0.78          |
| Tmin/Tn             | 1.6           |
| Ist/In (Times)      | 6             |
| Net Weight (Kg)     | 4.2           |
| Housing material    | Aluminum      |
| Insulation Class    | F             |
| Thermal Protection  | PTC 130°C     |
| Duty Cycle          | S1            |
| Cooling             | IC411         |
| Ambient Temperature | -20°C to +40° |
| Bearing Brand       | NSK           |
| Bearing (NDE)       | 6201 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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