



## MOTOR DATA SHEET

**MOTOR PART CODE:**

**5.523TECAB35-IE2**

**FRAME SIZE:**

**132S1-2**

**50Hz**

|                       |              |
|-----------------------|--------------|
| Output (kW)           | 5.5          |
| Rotation Speed (rpm)  | 2920         |
| Voltage               | 400/690      |
| Full Load Current (A) | 10.37   5.99 |
| Full Load Torque (Nm) | 17.9880137   |

**60Hz**

|                       |              |
|-----------------------|--------------|
| Output (kW)           | 6.6          |
| Rotation Speed (rpm)  | 3504         |
| Voltage               | 480   828    |
| Full Load Current (A) | 10.37   5.99 |
| Full Load Torque (Nm) | 14.99        |

**Efficiency Data**

| <b>100%</b> | <b>75%</b> | <b>50%</b> |
|-------------|------------|------------|
| 87          | 87.5       | 86.6       |

|                    |                |
|--------------------|----------------|
| Factory Reference  | MS2 132S1-2    |
| Tst/Tn (times)     | 3.9            |
| Tmax/Tn            | 4              |
| Noise (dB)         | 80             |
| Moment of inertia  | 0.01202226     |
| Type of feet       | Removable feet |
| Protection         | IP55           |
| Rotation Direction | F / R          |
| Cable Glands       | 2 - M25 × 1.5  |
| Paint Colour       | RAL 7024       |
| Efficiency         | IE2            |
| Bearing (DE)       | 6308 2RS C3    |

|                     |                 |
|---------------------|-----------------|
| Power Factor (cos)  | 0.88            |
| Tmin/Tn             | 2.1             |
| Ist/In (Times)      | 9.9             |
| Net Weight (Kg)     | 42.3            |
| Housing material    | Aluminum        |
| Insulation Class    | F               |
| Thermal Protection  | PTC 130°C       |
| Duty Cycle          | S1              |
| Cooling             | IC411           |
| Ambient Temperature | -20°C to + 40°C |
| Bearing Brand       | NSK             |
| Bearing (NDE)       | 6208 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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