



## MOTOR DATA SHEET

**MOTOR PART CODE:**

**5.523TECAB35R-IE3**

**FRAME SIZE:**

**132S1-2**

**50Hz**

|                       |             |
|-----------------------|-------------|
| Output (kW)           | 5.5         |
| Rotation Speed (rpm)  | 2930        |
| Voltage               | 400/690     |
| Full Load Current (A) | 10   5.77   |
| Full Load Torque (Nm) | 17.92662116 |

**60Hz**

|                       |           |
|-----------------------|-----------|
| Output (kW)           | 6.6       |
| Rotation Speed (rpm)  | 3516      |
| Voltage               | 480   828 |
| Full Load Current (A) | 10   5.77 |
| Full Load Torque (Nm) | 14.94     |

**Efficiency Data**

| <b>100%</b> | <b>75%</b> | <b>50%</b> |
|-------------|------------|------------|
| 89.2        | 89.4       | 88.2       |

|                    |                |
|--------------------|----------------|
| Factory Reference  | T3A 132S1-2    |
| Tst/Tn (times)     | 3.2            |
| Tmax/Tn            | 4              |
| Noise (dB)         | 80             |
| Moment of inertia  | 0.01521165     |
| Type of feet       | Removable feet |
| Protection         | IP55           |
| Rotation Direction | F / R          |
| Cable Glands       | 2 - M25 × 1.5  |
| Paint Colour       | RAL 7024       |
| Efficiency         | IE3            |
| Bearing (DE)       | 6308 2RS C3    |

|                     |                |
|---------------------|----------------|
| Power Factor (cos)  | 0.89           |
| Tmin/Tn             | 2.5            |
| Ist/In (Times)      | 10             |
| Net Weight (Kg)     | 43.4           |
| 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)       | 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)**

[www.tecmotors.co.uk](http://www.tecmotors.co.uk)

TEC Electric Motors Ltd. reserves the right to amend or change motor designs or data sheet information

