



## BRAKE MOTOR DATA SHEET

**MOTOR PART CODE:**

**5.543TECAB5-BM**

**FRAME SIZE:**

**132S-4**

**50Hz**

|                       |              |
|-----------------------|--------------|
| Output (kW)           | 5.5          |
| Rotation Speed (rpm)  | 1450         |
| Voltage               | 400/690      |
| Full Load Current (A) | 11.04   6.37 |
| Full Load Torque (Nm) | 36.22        |

**60Hz**

|                       |              |
|-----------------------|--------------|
| Output (kW)           | 6.6          |
| Rotation Speed (rpm)  | 1740         |
| Voltage               | 480   828    |
| Full Load Current (A) | 11.04   6.37 |
| Full Load Torque (Nm) | 30.18        |

### Efficiency Data

| 100% | 75%  | 50%  |
|------|------|------|
| 87.7 | 88.3 | 87.3 |

|                    |               |
|--------------------|---------------|
| Factory Reference  | MSB132S-4     |
| Tst/Tn (times)     | 2.6           |
| Tmax/Tn            | 3.4           |
| Noise (dB)         | 71            |
| Moment of inertia  | 0.027736      |
| Type of feet       | Not Fitted    |
| Protection         | IP55          |
| Rotation Direction | F / R         |
| Cable Glands       | 2 - M25 × 1.5 |
| Paint Colour       | RAL 7024      |
| Brake Torque (Nm)  | 70            |
| Brake Voltage      | 178v DC       |
| Rectifier          | Half Wave     |

|                     |                 |
|---------------------|-----------------|
| Power Factor (cos)  | 0.82            |
| Tmin/Tn             | 2.2             |
| Ist/In (Times)      | 8.7             |
| Net Weight (Kg)     | 43              |
| 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 (DE)        | 6308 2RS C3     |
| 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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