



## BRAKE MOTOR DATA SHEET

**MOTOR PART CODE:**

**5.523TECAB3-BM**

**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) | 17.99        |

**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

| 100% | 75%  | 50%  |
|------|------|------|
| 87   | 87.5 | 86.6 |

|                    |                |
|--------------------|----------------|
| Factory Reference  | MSB132S1-2     |
| Tst/Tn (times)     | 3.9            |
| Tmax/Tn            | 4              |
| Noise (dB)         | 80             |
| Moment of inertia  | 0.012022       |
| Type of feet       | Removable feet |
| Protection         | IP55           |
| Rotation Direction | F / R          |
| Cable Glands       | 2 - M25 × 1.5  |
| Paint Colour       | RAL 7024       |
| Brake Torque (Nm)  | 60             |
| Brake Voltage      | 178v DC        |
| Rectifier          | Half Wave      |

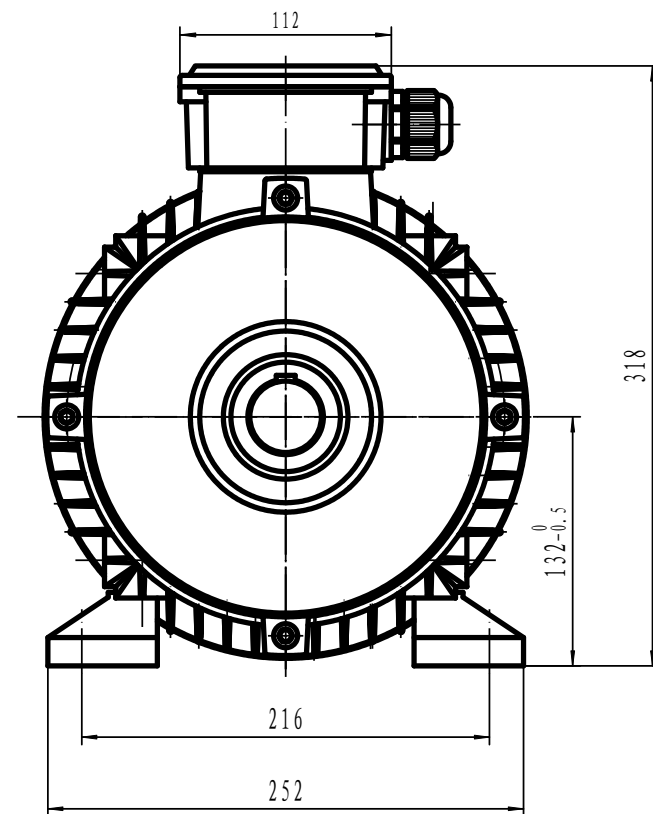
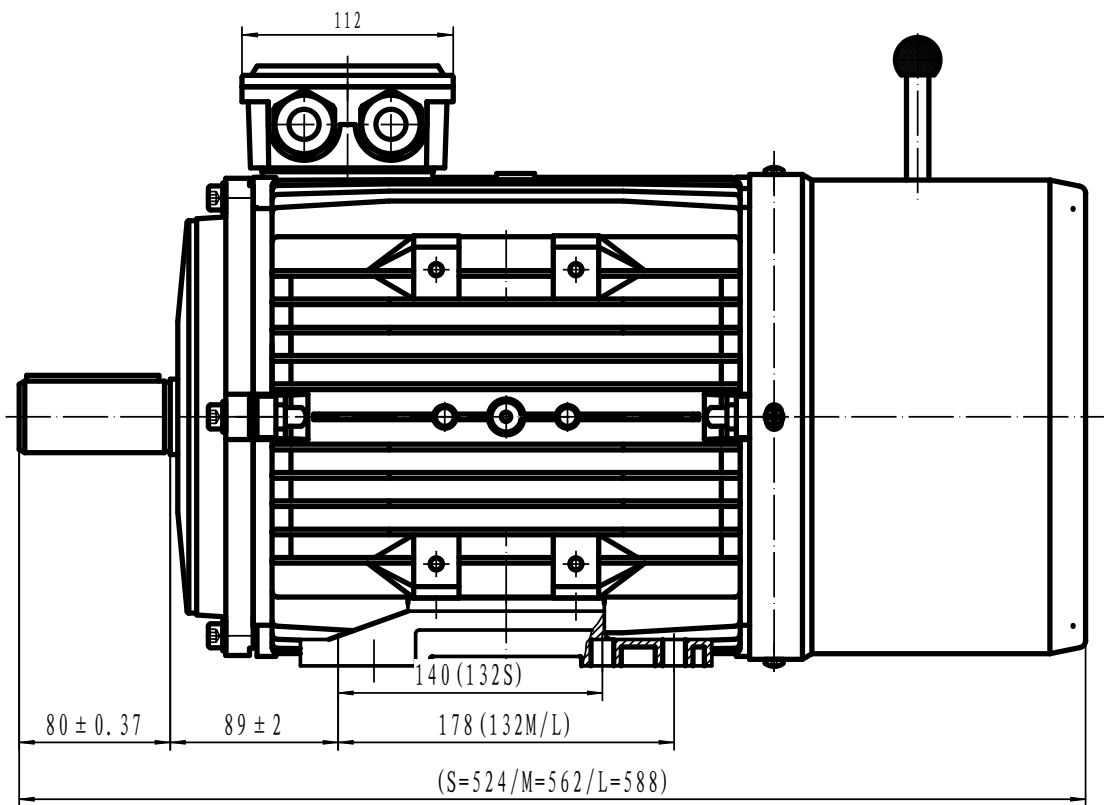
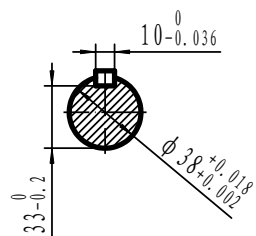
|                     |                 |
|---------------------|-----------------|
| Power Factor (cos)  | 0.88            |
| Tmin/Tn             | 2.1             |
| Ist/In (Times)      | 9.9             |
| Net Weight (Kg)     | 42.3            |
| Housing material    | Aluminum        |
| Insulation Class    | F               |
| Thermal Protection  | PTC 130°C       |
| Duty Cycle          | S1              |
| Cooling             | IC411           |
| Ambient Temperature | -20°C to + 40°C |
| Bearing Brand       | NSK             |
| Bearing (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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|    |    |    |       |    |       |      |   |    |     |            |  |  |
|----|----|----|-------|----|-------|------|---|----|-----|------------|--|--|
|    |    |    |       |    |       |      |   |    |     | 上海特波电机有限公司 |  |  |
|    |    |    |       |    |       |      |   |    |     | MSB132 B3  |  |  |
| 标记 | 处数 | 分区 | 更改文件号 | 签名 | 年、月、日 | 阶段标记 |   | 重量 | 比例  |            |  |  |
| 设计 |    |    | 标准化   |    |       |      |   |    |     |            |  |  |
| 审核 |    |    |       |    |       |      |   |    | 1:2 |            |  |  |
| 工艺 |    |    | 批准    |    |       | 共    | 张 | 第  | 张   |            |  |  |