



## MOTOR DATA SHEET

**MOTOR PART CODE:**

**5.563TECAB5-IE3**

**FRAME SIZE:**

**132M2-6**

**50Hz**

|                       |              |
|-----------------------|--------------|
| Output (kW)           | 5.5          |
| Rotation Speed (rpm)  | 975          |
| Voltage               | 400/690      |
| Full Load Current (A) | 12.71   7.34 |
| Full Load Torque (Nm) | 53.87179487  |

**60Hz**

|                       |              |
|-----------------------|--------------|
| Output (kW)           | 6.6          |
| Rotation Speed (rpm)  | 1170         |
| Voltage               | 480   828    |
| Full Load Current (A) | 12.71   7.34 |
| Full Load Torque (Nm) | 44.89        |

### Efficiency Data

| 100% | 75%  | 50%  |
|------|------|------|
| 88   | 88.3 | 87.1 |

|                    |               |
|--------------------|---------------|
| Factory Reference  | T3A 132M2-6   |
| Tst/Tn (times)     | 2.9           |
| Tmax/Tn            | 3.5           |
| Noise (dB)         | 68            |
| Moment of inertia  | 0.05398713    |
| Type of feet       | Not Fitted    |
| Protection         | IP55          |
| Rotation Direction | F / R         |
| Cable Glands       | 2 - M25 × 1.5 |
| Paint Colour       | RAL 7024      |
| Efficiency         | IE3           |
| Bearing (DE)       | 6308 2RS C3   |

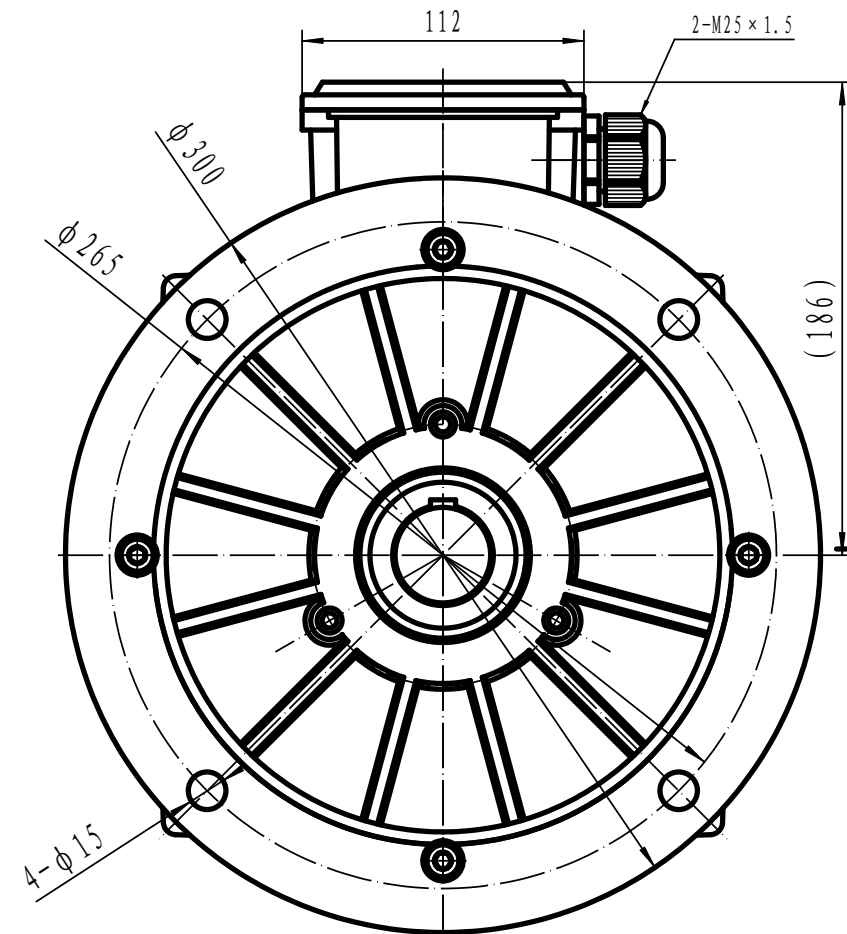
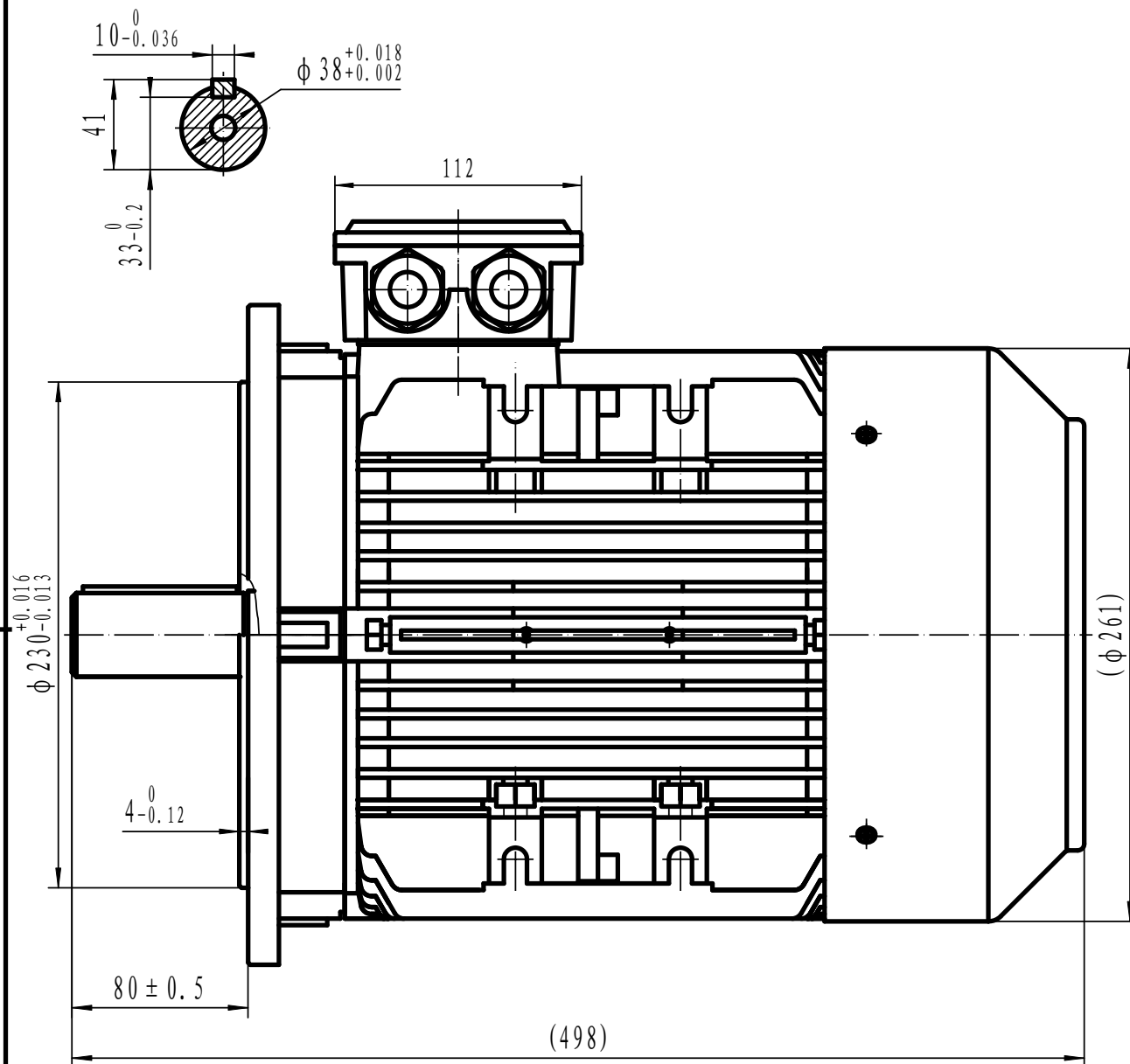
|                     |                |
|---------------------|----------------|
| Power Factor (cos)  | 0.71           |
| Tmin/Tn             | 2.2            |
| Ist/In (Times)      | 7.4            |
| Net Weight (Kg)     | 55.7           |
| Housing material    | Aluminum       |
| Insulation Class    | 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)**

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|             |            |
|-------------|------------|
| Drawn By    | Date       |
| TECHTOP     | 27/11/2017 |
| Approved by | Date       |
| L. Overton  | 27/11/2017 |
| Issue No =  | Date       |
| 001/A       | 27/11/2017 |

**TA132MB5**

