



## MOTOR DATA SHEET

**MOTOR PART CODE:**

**5.543TECAB35-IE3**

**FRAME SIZE:**

**132S-4**

**50Hz**

|                       |              |
|-----------------------|--------------|
| Output (kW)           | 5.5          |
| Rotation Speed (rpm)  | 1460         |
| Voltage               | 400/690      |
| Full Load Current (A) | 10.55   6.09 |
| Full Load Torque (Nm) | 35.9760274   |

**60Hz**

|                       |              |
|-----------------------|--------------|
| Output (kW)           | 6.6          |
| Rotation Speed (rpm)  | 1752         |
| Voltage               | 480   828    |
| Full Load Current (A) | 10.55   6.09 |
| Full Load Torque (Nm) | 29.98        |

**Efficiency Data**

| <b>100%</b> | <b>75%</b> | <b>50%</b> |
|-------------|------------|------------|
| 89.6        | 89.8       | 89.4       |

|                    |                |
|--------------------|----------------|
| Factory Reference  | T3A 132S-4     |
| Tst/Tn (times)     | 2.3            |
| Tmax/Tn            | 3.5            |
| Noise (dB)         | 71             |
| Moment of inertia  | 0.03446419     |
| 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    |

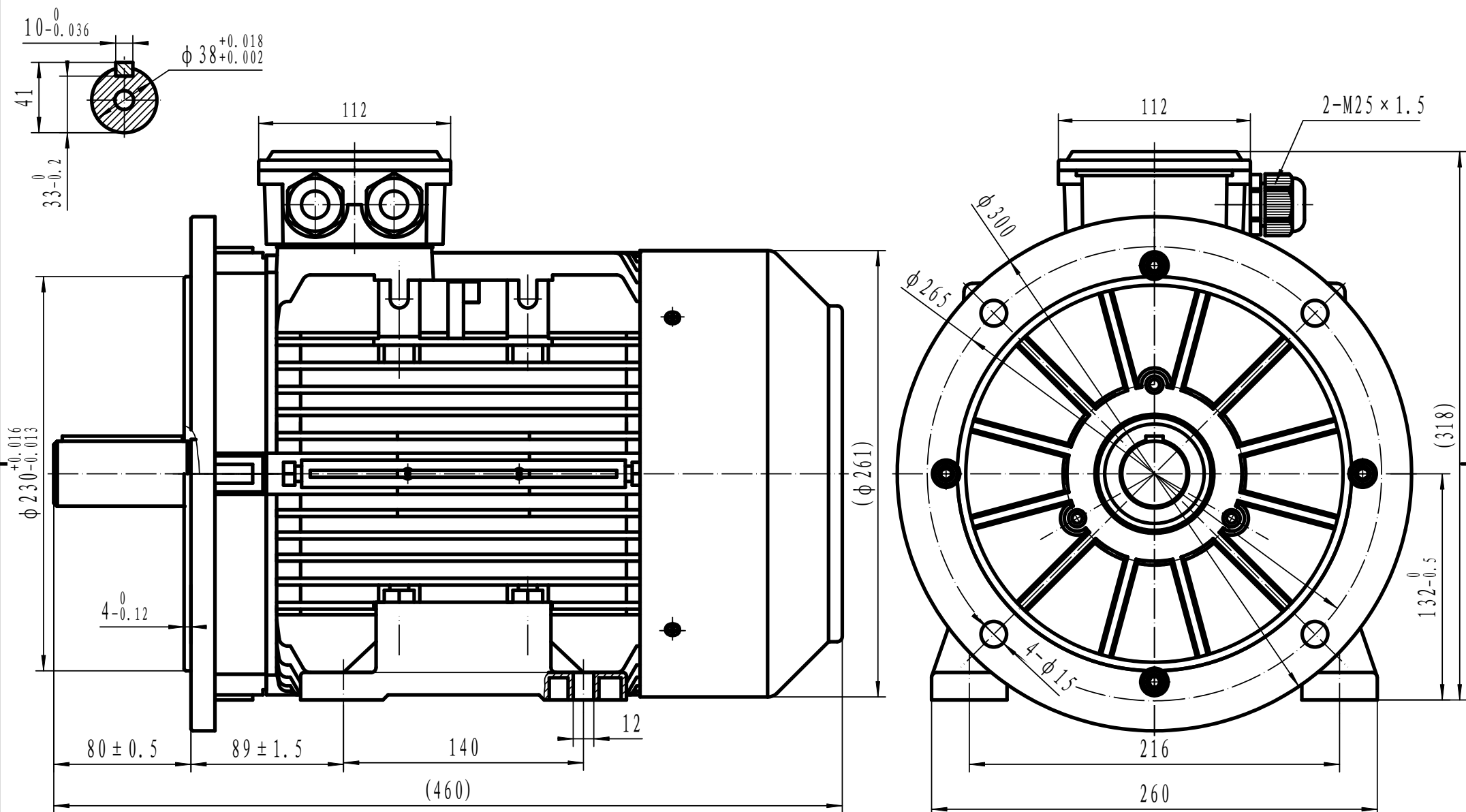
|                     |                |
|---------------------|----------------|
| Power Factor (cos)  | 0.84           |
| Tmin/Tn             | 1.9            |
| Ist/In (Times)      | 9              |
| Net Weight (Kg)     | 47.4           |
| Housing material    | Aluminum       |
| Insulation Class    | 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)**

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|             |            |                                                                                                                                                       |
|-------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Drawn By    | Date       | <b>TA 132S B35</b>                                                                                                                                    |
| TECHTOP     | 27/11/2017 |                                                                                                                                                       |
| Approved by | Date       |                                                                                                                                                       |
| L. Overton  | 27/11/2017 |                                                                                                                                                       |
| Issue No =  | Date       |                                                                                                                                                       |
| 001/A       | 27/11/2017 | <br><a href="http://www.tecmotors.co.uk">www.tecmotors.co.uk</a> |