



## MOTOR DATA SHEET

**MOTOR PART CODE:**

**5.563TECCB5-IE2**

**FRAME SIZE:**

**132M2-6**

**50Hz**

|                       |           |
|-----------------------|-----------|
| Output (kW)           | 5.5       |
| Rotation Speed (rpm)  | 950       |
| Voltage               | 400/690   |
| Full Load Current (A) | 12.47/7.2 |
| Full Load Torque (Nm) | 55.29     |

**60Hz**

|                       |           |
|-----------------------|-----------|
| Output (kW)           | 6.6       |
| Rotation Speed (rpm)  | 1140      |
| Voltage               | 480/828   |
| Full Load Current (A) | 12.47/7.2 |
| Full Load Torque (Nm) | 46.08     |

**Efficiency Data**

| <b>100%</b> | <b>75%</b> | <b>50%</b> |
|-------------|------------|------------|
| 86          | 86.8       | 85.4       |

|                    |              |
|--------------------|--------------|
| Factory Reference  | T2C 132M2-6  |
| Tst/Tn (times)     | 2            |
| Tmax/Tn            | 2.5          |
| Noise (dB)         | 69           |
| Moment of inertia  | 0.0489       |
| Type of feet       | Not fitted   |
| Protection         | IP55         |
| Rotation Direction | F / R        |
| Cable Glands       | 2 - M25× 1.5 |
| Paint Colour       | RAL 7024     |
| Efficiency         | IE2          |
| Bearing (DE)       | 6308 2RS C3  |

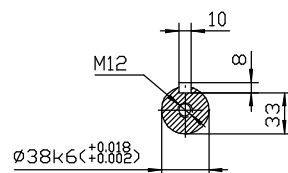
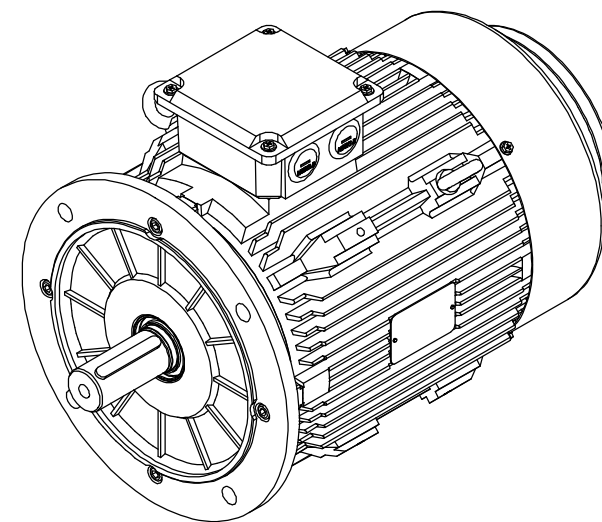
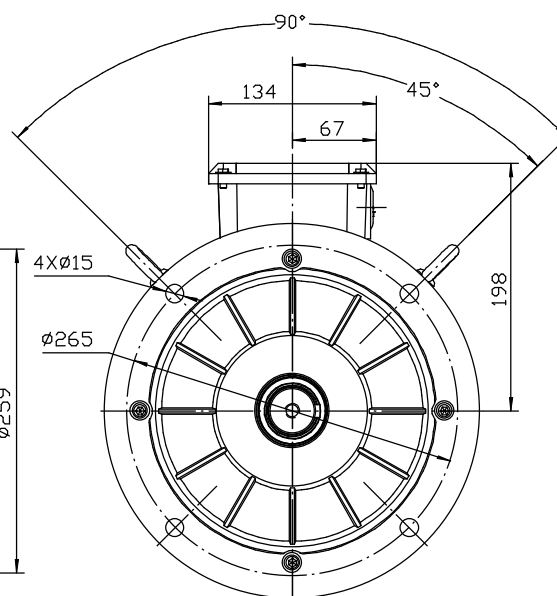
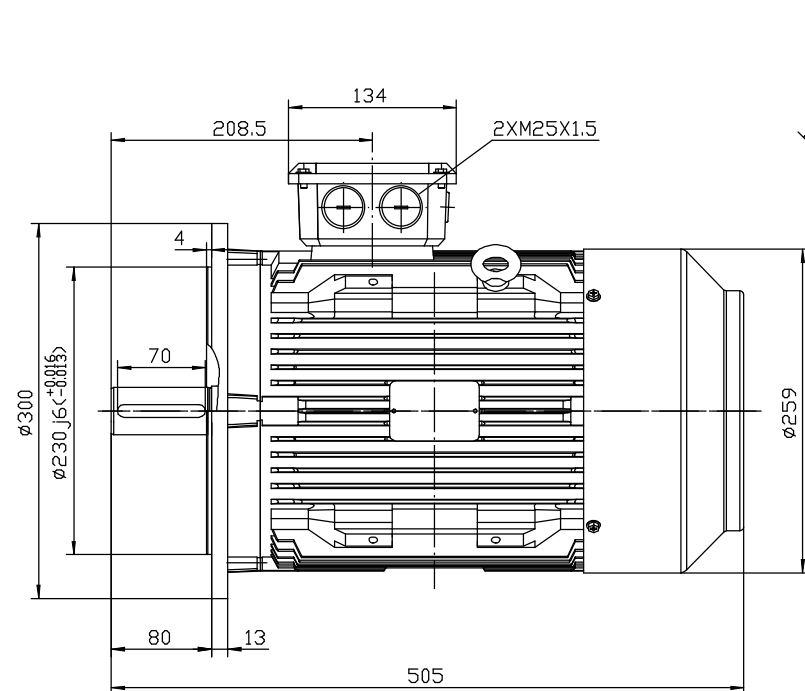
|                     |                |
|---------------------|----------------|
| Power Factor (cos)  | 0.74           |
| Tmin/Tn             | 1.8            |
| Ist/In (Times)      | 7              |
| Net Weight (Kg)     | 66             |
| Housing material    | Cast Iron      |
| Insulation Class    | F              |
| Thermal Protection  | PTC 140°C      |
| Duty Cycle          | S1             |
| Cooling             | IC 411         |
| Ambient Temperature | -20°C to +40°C |
| Bearing Brand       | NSK            |
| Bearing (NDE)       | 6308 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



|             |            |                   |
|-------------|------------|-------------------|
| Drawn By    | Date       | <b>TC 132M B5</b> |
| A442313     | 27/11/2017 |                   |
| Approved by | Date       |                   |
| L. Overton  | 27/11/2017 |                   |
| Issue No =  | Date       |                   |
| BM01/A001   | 27/11/2017 |                   |

