



## MOTOR DATA SHEET

**MOTOR PART CODE:**

**2.243TECCB34-IE2**

**FRAME SIZE:**

**100L1-4**

**50Hz**

|                       |           |
|-----------------------|-----------|
| Output (kW)           | 2.2       |
| Rotation Speed (rpm)  | 1430      |
| Voltage               | 230/400   |
| Full Load Current (A) | 8.16/4.71 |
| Full Load Torque (Nm) | 14.69     |

**60Hz**

|                       |           |
|-----------------------|-----------|
| Output (kW)           | 2.64      |
| Rotation Speed (rpm)  | 1716      |
| Voltage               | 276/480   |
| Full Load Current (A) | 8.16/4.71 |
| Full Load Torque (Nm) | 12.24     |

**Efficiency Data**

| <b>100%</b> | <b>75%</b> | <b>50%</b> |
|-------------|------------|------------|
| 84.3        | 85.5       | 83.6       |

|                    |                |
|--------------------|----------------|
| Factory Reference  | T2C 100L1-4    |
| Tst/Tn (times)     | 2.2            |
| Tmax/Tn            | 2.6            |
| Noise (dB)         | 64             |
| Moment of inertia  | 0.00883        |
| Type of feet       | Removable feet |
| Protection         | IP55           |
| Rotation Direction | F / R          |
| Cable Glands       | 1 - M20× 1.5   |
| Paint Colour       | RAL 7024       |
| Efficiency         | IE2            |
| Bearing (DE)       | 6206 2RS C3    |

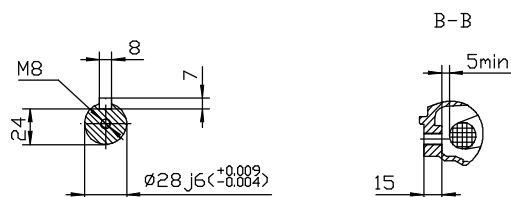
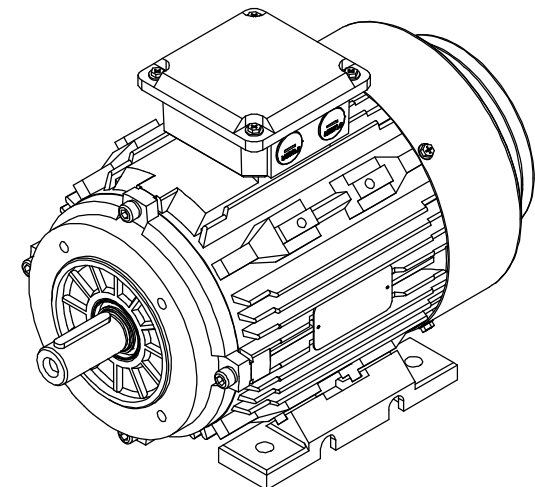
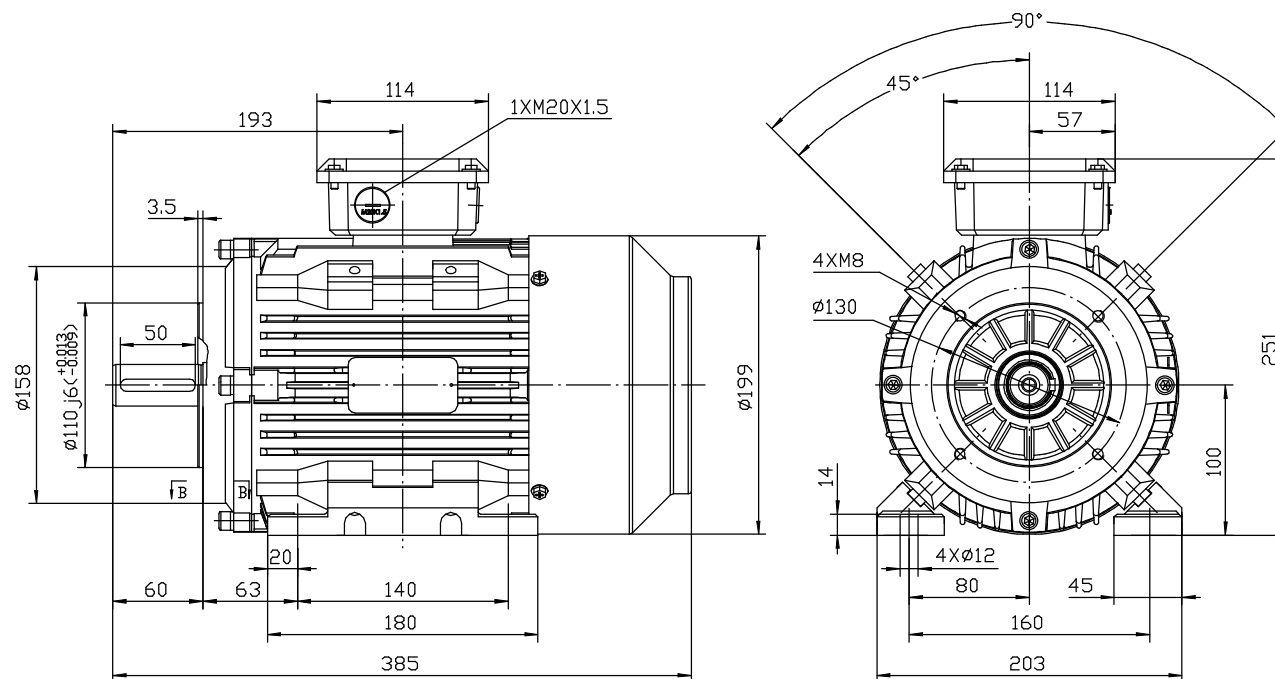
|                     |                |
|---------------------|----------------|
| Power Factor (cos)  | 0.8            |
| Tmin/Tn             | 2              |
| Ist/In (Times)      | 6.6            |
| Net Weight (Kg)     | 34             |
| Housing material    | Cast Iron      |
| Insulation Class    | F              |
| Thermal Protection  | PTC 140°C      |
| Duty Cycle          | S1             |
| Cooling             | IC 411         |
| Ambient Temperature | -20°C to +40°C |
| Bearing Brand       | NSK            |
| Bearing (NDE)       | 6206 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>TC 100 B34</b>                                                                                            |
| A442313     | 27/11/2017 |                                                                                                              |
| Approved by | Date       | <br>www.tecmotors.co.uk |
| L. Overton  | 27/11/2017 |                                                                                                              |
| Issue No =  | Date       |                                                                                                              |
| BM01/A001   | 27/11/2017 |                                                                                                              |