

# T3CR250M-4 55KW 230/400V B5

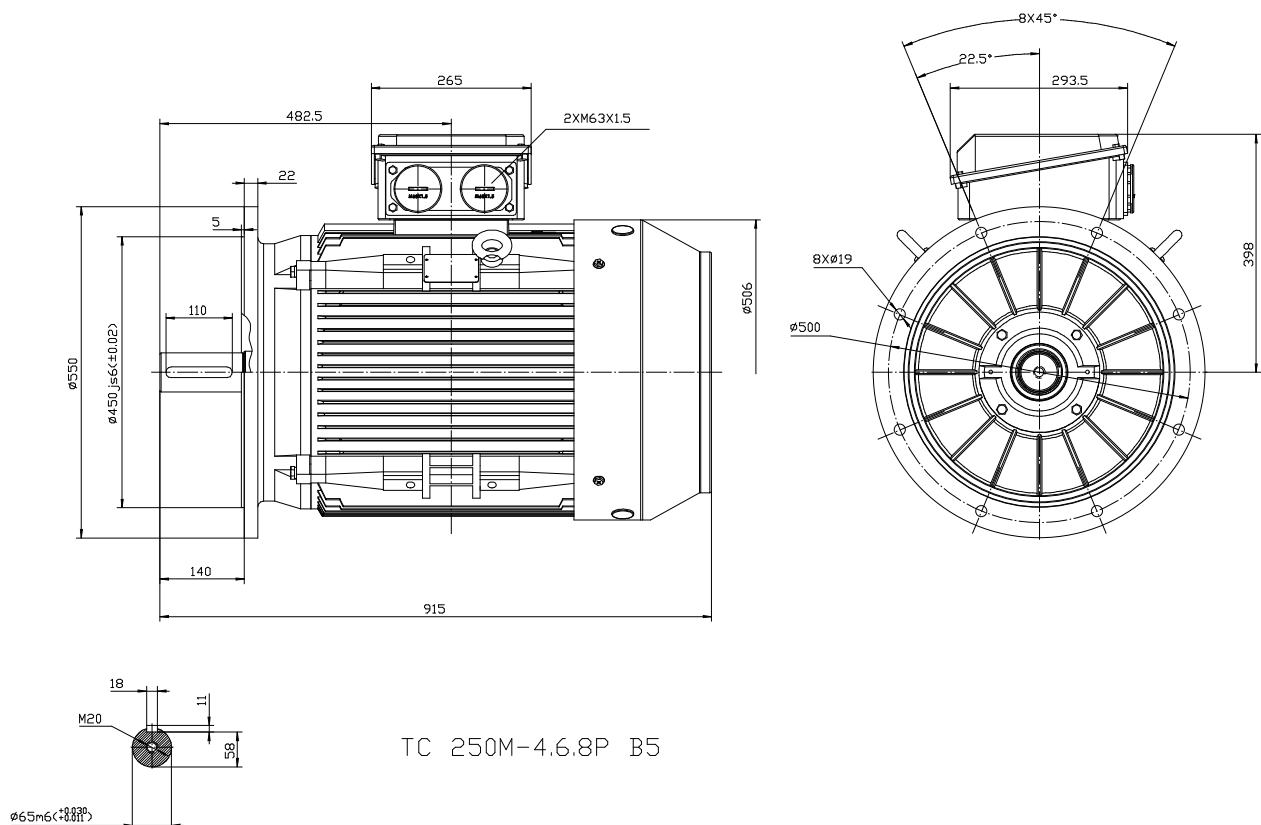
## Three-phase asynchronous motor in cast iron

Motor type T3CR250M-4 55KW 230/400V B5  
Brand BUSCK  
Item number 93A42502T

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 230       | 55       | 50           | 165,8     | 1470      |
| 400       | 55       | 50           | 95,4      | 1470      |
| 460       | 63,25    | 60           | 95,4      | 1764      |

|                                  |              |                          |              |
|----------------------------------|--------------|--------------------------|--------------|
| Duty                             | S1           | Efficiency class         | IE3          |
| Enclosure                        | IP55         | Efficiency, load 100%    | 94,6         |
| Insulation class                 | F            | Efficiency, load 75%     | 95,2         |
| Cooling                          | IC411 (TEFC) | Efficiency, load 50%     | 94,5         |
| Max. ambient temp.               | 45°C         | Power fact, load 100%    | 0,88         |
| Max. temp. rise                  | 80 K         | Painting                 | Standard     |
| Max altitude, masl               | 1000         | Color                    | RAL 9005     |
| Torque, Nm                       | 357,31       | Weight kg                | 391          |
| Starting torque ratio            | 2,5          | Sound pressure Lp dB(A)  | 83           |
| Pull up torque ratio             | 1,8          | Bearing DE               | 6314 C3      |
| Pull out torque ratio            | 2,5          | Bearing NDE              | 6314 C3      |
| Starting current ratio           | 8,5          | Balance grade            | Normal       |
| Winding protection               | Thermistors  | Inertia kgm <sup>2</sup> | 0,76504      |
| This motor has DNV type approval |              | Cable entries            | 2xM63, 1xM16 |

Note IE3



**BUSCK**  
www.busck.eu

Busck & Co AB  
Gamla Riksvägen 14  
428 32 Göteborg  
Sweden  
556027-1990  
info@busck.se

Busck & Co ApS  
Postboks 108  
0900 København C  
Denmark  
info@busck.eu

Busck AS  
Skibåsen 35C  
4636 Kristiansand  
Norway  
info@busck.no