

# T3CR280M-6 55KW 230/400V B3

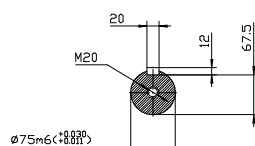
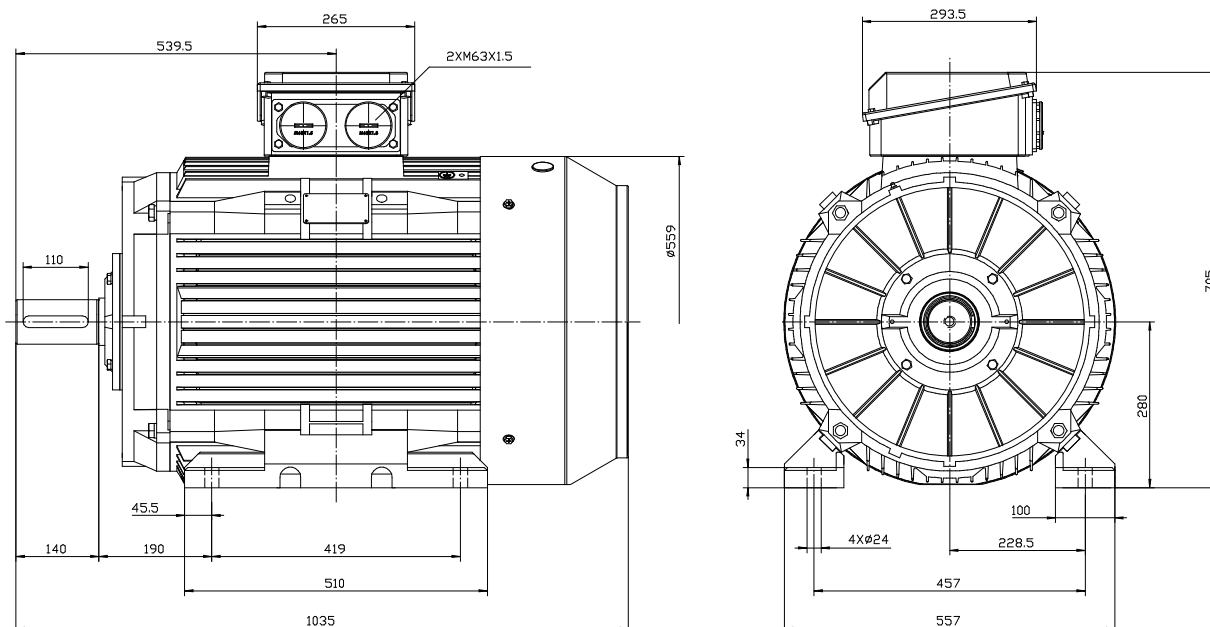
## Three-phase asynchronous motor in cast iron

Motor type T3CR280M-6 55KW 230/400V B3  
 Brand BUSCK  
 Item number 93A62811T

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 230       | 55       | 50           | 172,6     | 980       |
| 400       | 55       | 50           | 99,3      | 980       |
| 460       | 63,25    | 60           | 99,3      | 1176      |

|                                  |              |                          |              |
|----------------------------------|--------------|--------------------------|--------------|
| Duty                             | S1           | Efficiency class         | IE3          |
| Enclosure                        | IP55         | Efficiency, load 100%    | 94,1         |
| Insulation class                 | F            | Efficiency, load 75%     | 95           |
| Cooling                          | IC411 (TEFC) | Efficiency, load 50%     | 93,4         |
| Max. ambient temp.               | 45°C         | Power fact, load 100%    | 0,85         |
| Max. temp. rise                  | 80 K         | Painting                 | Standard     |
| Max altitude, masl               | 1000         | Color                    | RAL 9005     |
| Torque, Nm                       | 535,97       | Weight kg                | 562          |
| Starting torque ratio            | 2,5          | Sound pressure Lp dB(A)  | 80           |
| Pull up torque ratio             | 1,8          | Bearing DE               | 6316 C3      |
| Pull out torque ratio            | 2,8          | Bearing NDE              | 6316 C3      |
| Starting current ratio           | 10           | Balance grade            | Normal       |
| Winding protection               | Thermistors  | Inertia kgm <sup>2</sup> | 2,57302      |
| This motor has DNV type approval |              | Cable entries            | 2xM63, 1xM16 |

Note IE3



TC 280M-4.6.8P B3

**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