

# T4CR250M-2 55KW 400/690V B35

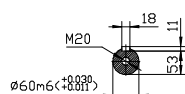
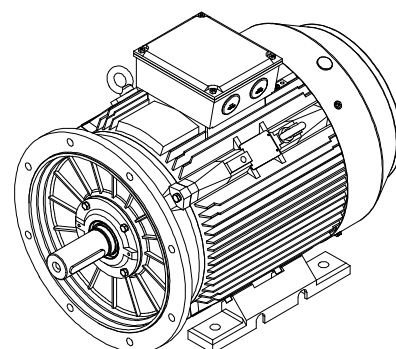
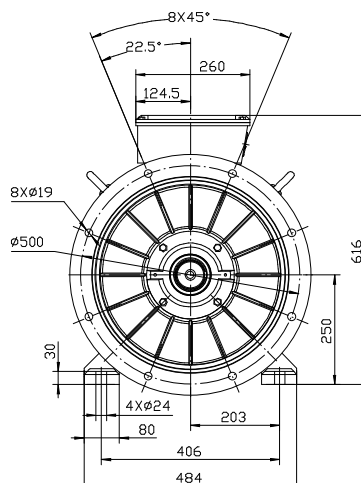
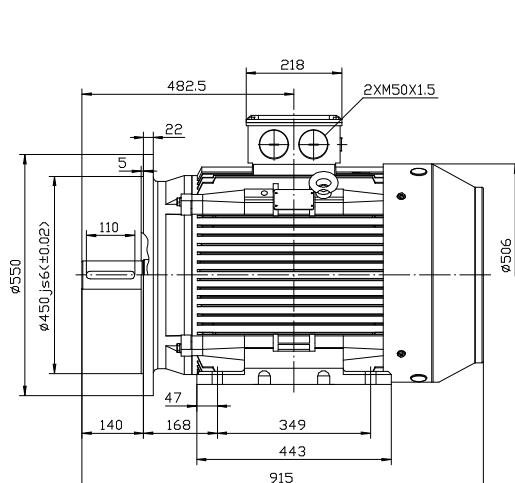
## Three-phase asynchronous motor in cast iron

Motor type T4CR250M-2 55KW 400/690V B35  
 Brand BUSCK  
 Item number 43022504T

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 400       | 55       | 50           | 93,6      | 2980      |
| 690       | 55       | 50           | 53,8      | 2980      |
| 460       | 63,25    | 60           | 93,6      | 3576      |

|                                  |              |                          |              |
|----------------------------------|--------------|--------------------------|--------------|
| Duty                             | S1           | Efficiency class         | IE4          |
| Enclosure                        | IP55         | Efficiency, load 100%    | 95,3         |
| Insulation class                 | F            | Efficiency, load 75%     | 95,5         |
| Cooling                          | IC411 (TEFC) | Efficiency, load 50%     | 94,3         |
| Max. ambient temp.               | 40°C         | Power fact, load 100%    | 0,89         |
| Min. ambient temp.               | -20°C        |                          |              |
| Max. temp. rise                  | 80 K         | Painting                 | Standard     |
| Max altitude, masl               | 1000         | Color                    | RAL 9005     |
|                                  |              | Weight kg                | 531          |
| Torque, Nm                       | 176,3        | Sound pressure Lp dB(A)  | 89           |
| Starting torque ratio            | 2            | Bearing DE               | 6314 C3      |
| Pull up torque ratio             | 1            | Bearing NDE              | 6314 C3      |
| Pull out torque ratio            | 2,3          | Balance grade            | Normal       |
| Starting current ratio           | 9            | Inertia kgm <sup>2</sup> | 1,0440418064 |
| This motor has DNV type approval |              | Cable entries            | 2xM63, 1xM16 |

Note IE4



TC 250M-2 B35

**BUSCK**  
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