

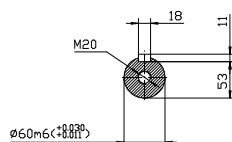
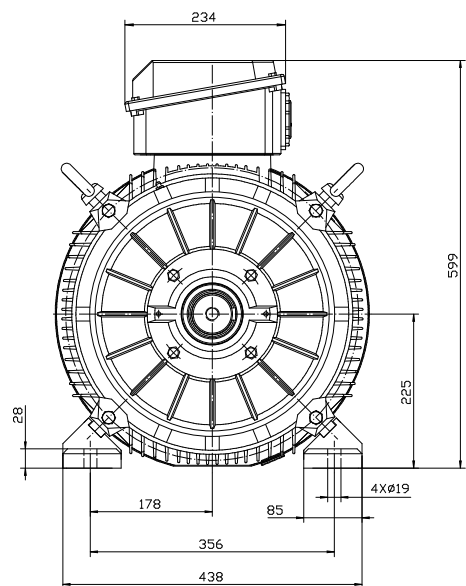
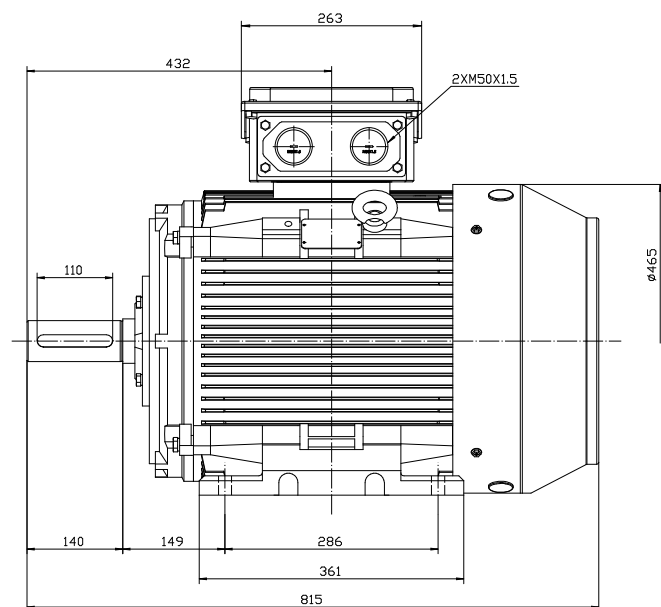
# T1C225S-4 37KW 230/400V B3

## Three-phase asynchronous motor in cast iron

Motor type T1C225S-4 37KW 230/400V B3  
Brand BUSCK  
Item number 03A42251tc

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 230       | 37       | 50           | 114,4     | 1470      |
| 400       | 37       | 50           | 65,8      | 1470      |
| 460       | 42,55    | 60           | 65,8      | 1764      |

|                        |              |                         |              |
|------------------------|--------------|-------------------------|--------------|
| Duty                   | S1           | Efficiency, load 100%   | 91,2         |
| Enclosure              | IP55         | Efficiency, load 75%    | 90,9         |
| Insulation class       | F            | Efficiency, load 50%    | 88,8         |
| Cooling                | IC411 (TEFC) | Power fact, load 100%   | 0,89         |
| Max. ambient temp.     | 40°C         | Painting                | Standard     |
| Min. ambient temp.     | -20°C        | Color                   | RAL 9005     |
| Max. temp. rise        | 80 K         | Weight kg               | 293          |
| Max altitude, masl     | 1000         | Sound pressure Lp dB(A) | 81           |
| Torque, Nm             | 240,37       | Bearing DE              | 6313 C3      |
| Starting torque ratio  | 2,2          | Bearing NDE             | 6313 C3      |
| Pull up torque ratio   | 1,3          | Balance grade           | Normal       |
| Pull out torque ratio  | 2,6          | Inertia kgm2            | 0,50439      |
| Starting current ratio | 8            | Cable entries           | 2xM50, 1xM16 |



TC 225S-4.6.8P B3