

# T3CR180M-2 22KW 230/400V B3

## Three-phase asynchronous motor in cast iron

Motor type T3CR180M-2 22KW 230/400V B3  
Brand BUSCK  
Item number 93A21801T

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 230       | 22       | 50           | 66,9      | 2945      |
| 400       | 22       | 50           | 38,5      | 2945      |
| 460       | 25,3     | 60           | 38,5      | 3534      |

|                                  |              |                         |              |
|----------------------------------|--------------|-------------------------|--------------|
| Duty                             | S1           | Efficiency class        | IE3          |
| Enclosure                        | IP55         | Efficiency, load 100%   | 92,7         |
| Insulation class                 | F            | Efficiency, load 75%    | 94,1         |
| Cooling                          | IC411 (TEFC) | Efficiency, load 50%    | 93,6         |
| Max. ambient temp.               | 45°C         | Power fact, load 100%   | 0,89         |
| Max. temp. rise                  | 80 K         | Painting                | Standard     |
| Max altitude, masl               | 1000         | Color                   | RAL 9005     |
| Torque, Nm                       | 71,34        | Weight kg               | 177          |
| Starting torque ratio            | 2,5          | Sound pressure Lp dB(A) | 89           |
| Pull up torque ratio             | 1,4          | Bearing DE              | 6311 C3      |
| Pull out torque ratio            | 3            | Bearing NDE             | 6311 C3      |
| Starting current ratio           | 9            | Balance grade           | Normal       |
| Winding protection               | Thermistors  | Inertia kgm2            | 0,09665      |
| This motor has DNV type approval |              | Cable entries           | 2xM32, 1xM16 |

Note IE3

