

# T3CR180M-4 18,5KW 400/690V B3

## Three-phase asynchronous motor in cast iron

Motor type T3CR180M-4 18,5KW 400/690V B3  
 Brand BUSCK  
 Item number 93041801T

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 400       | 18,5     | 50           | 33,5      | 1460      |
| 690       | 18,5     | 50           | 19,3      | 1460      |
| 460       | 21,28    | 60           | 33,5      | 1752      |

|                                  |              |                          |              |
|----------------------------------|--------------|--------------------------|--------------|
| Duty                             | S1           | Efficiency class         | IE3          |
| Enclosure                        | IP55         | Efficiency, load 100%    | 92,6         |
| Insulation class                 | F            | Efficiency, load 75%     | 93,6         |
| Cooling                          | IC411 (TEFC) | Efficiency, load 50%     | 93           |
| Max. ambient temp.               | 45°C         | Power fact, load 100%    | 0,86         |
| Max. temp. rise                  | 80 K         | Painting                 | Standard     |
| Max altitude, masl               | 1000         | Color                    | RAL 9005     |
| Torque, Nm                       | 121,01       | Weight kg                | 169,4        |
| Starting torque ratio            | 2,5          | Sound pressure Lp dB(A)  | 76           |
| Pull up torque ratio             | 1,8          | Bearing DE               | 6311 C3      |
| Pull out torque ratio            | 3            | Bearing NDE              | 6311 C3      |
| Starting current ratio           | 9            | Balance grade            | Normal       |
| Winding protection               | Thermistors  | Inertia kgm <sup>2</sup> | 0,1553       |
| This motor has DNV type approval |              | Cable entries            | 2xM32, 1xM16 |

Note IE3

