

# T3CR225M-2 45KW 400/690V B35

## Three-phase asynchronous motor in cast iron

Motor type T3CR225M-2 45KW 400/690V B35  
 Brand BUSCK  
 Item number 93022254T

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 400       | 45       | 50           | 75,9      | 2950      |
| 690       | 45       | 50           | 43,7      | 2950      |
| 460       | 51,75    | 60           | 75,9      | 3540      |

|                                  |              |                          |              |
|----------------------------------|--------------|--------------------------|--------------|
| Duty                             | S1           | Efficiency class         | IE3          |
| Enclosure                        | IP55         | Efficiency, load 100%    | 94           |
| Insulation class                 | F            | Efficiency, load 75%     | 94,6         |
| Cooling                          | IC411 (TEFC) | Efficiency, load 50%     | 94,1         |
| Max. ambient temp.               | 45°C         | Power fact, load 100%    | 0,91         |
| Max. temp. rise                  | 80 K         | Painting                 | Standard     |
| Max altitude, masl               | 1000         | Color                    | RAL 9005     |
| Torque, Nm                       | 145,68       | Weight kg                | 369          |
| Starting torque ratio            | 2,5          | Sound pressure Lp dB(A)  | 92           |
| Pull up torque ratio             | 1,4          | Bearing DE               | 6313 C3      |
| Pull out torque ratio            | 2,5          | Bearing NDE              | 6313 C3      |
| Starting current ratio           | 8,5          | Balance grade            | Normal       |
| Winding protection               | Thermistors  | Inertia kgm <sup>2</sup> | 0,34366      |
| This motor has DNV type approval |              | Cable entries            | 2xM50, 1xM16 |

Note IE3

