

# T3CR200LA-2 30KW 500V B5

## Three-phase asynchronous motor in cast iron

Motor type T3CR200LA-2 30KW 500V B5  
Brand BUSCK  
Item number 93C22002T

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 500       | 30       | 50           | 41,72     | 2945      |
| 575       | 34,5     | 60           | 41,72     | 3534      |

|                                  |              |                          |              |
|----------------------------------|--------------|--------------------------|--------------|
| Duty                             | S1           | Efficiency class         | IE3          |
| Enclosure                        | IP55         | Efficiency, load 100%    | 93,3         |
| Insulation class                 | F            | Efficiency, load 75%     | 93,8         |
| Cooling                          | IC411 (TEFC) | Efficiency, load 50%     | 93,2         |
| 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                       | 97,28        | Weight kg                | 224          |
| Starting torque ratio            | 2,5          | Sound pressure Lp dB(A)  | 92           |
| Pull up torque ratio             | 1,5          | Bearing DE               | 6312 C3      |
| Pull out torque ratio            | 2,5          | Bearing NDE              | 6312 C3      |
| Starting current ratio           | 8,5          | Balance grade            | Normal       |
| Winding protection               | Thermistors  | Inertia kgm <sup>2</sup> | 0,17351      |
| This motor has DNV type approval |              | Cable entries            | 2xM50, 1xM16 |

Note IE3

