

# T3CR160MA-2 11KW 500V B35

## Three-phase asynchronous motor in cast iron

Motor type T3CR160MA-2 11KW 500V B35  
Brand BUSCK  
Item number 93C21604T

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 500       | 11       | 50           | 15,47     | 2930      |
| 575       | 12,65    | 60           | 15,47     | 3516      |

|                                  |              |                         |              |
|----------------------------------|--------------|-------------------------|--------------|
| Duty                             | S1           | Efficiency class        | IE3          |
| Enclosure                        | IP55         | Efficiency, load 100%   | 91,2         |
| Insulation class                 | F            | Efficiency, load 75%    | 93,8         |
| Cooling                          | IC411 (TEFC) | Efficiency, load 50%    | 93           |
| Max. ambient temp.               | 45°C         | Power fact, load 100%   | 0,90         |
| Max. temp. rise                  | 80 K         | Painting                | Standard     |
| Max altitude, masl               | 1000         | Color                   | RAL 9005     |
| Torque, Nm                       | 35,85        | Weight kg               | 113          |
| Starting torque ratio            | 2,5          | Sound pressure Lp dB(A) | 86           |
| Pull up torque ratio             | 1,4          | Bearing DE              | 6309 C3      |
| Pull out torque ratio            | 3            | Bearing NDE             | 6309 C3      |
| Starting current ratio           | 9,5          | Balance grade           | Normal       |
| Winding protection               | Thermistors  | Inertia kgm2            | 0,05178      |
| This motor has DNV type approval |              | Cable entries           | 2xM32, 1xM16 |

Note IE3

