

# T3CR280S-4 75KW 400/690V B3

## Three-phase asynchronous motor in cast iron

Motor type T3CR280S-4 75KW 400/690V B3  
Brand BUSCK  
Item number 93042801RLT

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 400       | 75       | 50           | 131,0     | 1480      |
| 690       | 75       | 50           | 75,3      | 1480      |
| 460       | 86,25    | 60           | 131,0     | 1776      |

|                                  |              |                         |              |
|----------------------------------|--------------|-------------------------|--------------|
| Duty                             | S1           | Efficiency class        | IE3          |
| Enclosure                        | IP55         | Efficiency, load 100%   | 95           |
| Insulation class                 | F            | Efficiency, load 75%    | 95,1         |
| Cooling                          | IC411 (TEFC) | Efficiency, load 50%    | 94,8         |
| Max. ambient temp.               | 45°C         | Power fact, load 100%   | 0,87         |
| Max. temp. rise                  | 80 K         | Painting                | Standard     |
| Max altitude, masl               | 1000         | Color                   | RAL 9005     |
| Torque, Nm                       | 483,95       | Weight kg               | 673,3        |
| Starting torque ratio            | 2,5          | Sound pressure Lp dB(A) | 86           |
| Pull up torque ratio             | 1,8          | Bearing DE              | NU316        |
| Pull out torque ratio            | 2,8          | Bearing NDE             | 6316         |
| Starting current ratio           | 10           | Balance grade           | Normal       |
| Winding protection               | Thermistors  | Inertia kgm2            | 1,99603      |
| This motor has DNV type approval |              | Cable entries           | 2xM63, 1xM16 |

Note IE3  
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