

# T4CR280S-4 75KW 400/690V B35

## Single-phase asynchronous motor in aluminum

Motor type T4CR280S-4 75KW 400/690V B35  
Brand BUSCK  
Item number 43042804T

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 400       | 75       | 50           | 129,6     | 1485      |
| 690       | 75       | 50           | 74,5      | 1485      |
| 460       | 86,25    | 60           | 129,6     | 1782      |

|                                  |              |                         |              |
|----------------------------------|--------------|-------------------------|--------------|
| Duty                             | S1           | Efficiency class        | IE4          |
| Enclosure                        | IP55         | Efficiency, load 100%   | 96           |
| Insulation class                 | F            | Efficiency, load 75%    | 96,1         |
| Cooling                          | IC411 (TEFC) | Efficiency, load 50%    | 95,4         |
| 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                       | 482,5        | Weight kg               | 644          |
| Starting torque ratio            | 2            | Sound pressure Lp dB(A) | 80           |
| Pull up torque ratio             | 1            | Bearing DE              | 6316 C3      |
| Pull out torque ratio            | 2,3          | Bearing NDE             | 6316 C3      |
| Starting current ratio           | 8,5          | Balance grade           | Normal       |
| This motor has DNV type approval |              | Inertia kgm2            | 2,1490436684 |
| Note                             | IE4          | Cable entries           | 2xM63, 1xM16 |

