

# T4CR225M-6 30KW 400/690V B5

## Single-phase asynchronous motor in aluminum

Motor type T4CR225M-6 30KW 400/690V B5  
Brand BUSCK  
Item number 43062252T

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 400       | 30       | 50           | 56,1      | 980       |
| 690       | 30       | 50           | 32,2      | 980       |
| 460       | 34,5     | 60           | 56,1      | 1176      |

|                                  |              |                          |               |
|----------------------------------|--------------|--------------------------|---------------|
| Duty                             | S1           | Efficiency class         | IE4           |
| Enclosure                        | IP55         | Efficiency, load 100%    | 94,2          |
| Insulation class                 | F            | Efficiency, load 75%     | 94,4          |
| Cooling                          | IC411 (TEFC) | Efficiency, load 50%     | 94            |
| Max. ambient temp.               | 45°C         | Power fact, load 100%    | 0,82          |
| Max. temp. rise                  | 80 K         | Painting                 | Standard      |
| Max altitude, masl               | 1000         | Color                    | RAL 9005      |
| Torque, Nm                       | 292,5        | Weight kg                | 351           |
| Starting torque ratio            | 2            | Sound pressure Lp dB(A)  | 74            |
| Pull up torque ratio             | 1,2          | Bearing DE               | 6313 C3       |
| Pull out torque ratio            | 2,1          | Bearing NDE              | 6313 C3       |
| Starting current ratio           | 8,3          | Balance grade            | Normal        |
| This motor has DNV type approval |              | Inertia kgm <sup>2</sup> | 0,93804017973 |
| Note                             | IE4          | Cable entries            | 2xM50, 1xM16  |

