

# T4CR225M-2 45KW 400/690V B35

## Three-phase asynchronous motor in cast iron

Motor type T4CR225M-2 45KW 400/690V B35  
 Brand BUSCK  
 Item number 43022254T

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 400       | 45       | 50           | 76,8      | 2975      |
| 690       | 45       | 50           | 44,2      | 2975      |
| 460       | 51,75    | 60           | 76,8      | 3570      |

|                        |              |                         |               |
|------------------------|--------------|-------------------------|---------------|
| Duty                   | S1           | Efficiency class        | IE4           |
| Enclosure              | IP55         | Efficiency, load 100%   | 95            |
| Insulation class       | F            | Efficiency, load 75%    | 95,2          |
| Cooling                | IC411 (TEFC) | Efficiency, load 50%    | 94            |
| Max. ambient temp.     | 40°C         | Power fact, load 100%   | 0,89          |
| Min. ambient temp.     | -20°C        |                         |               |
| Max. temp. rise        | 80 K         | Painting                | Standard      |
| Max altitude, masl     | 1000         | Color                   | RAL 9005      |
|                        |              | Weight kg               | 387           |
| Torque, Nm             | 144,5        | Sound pressure Lp dB(A) | 86            |
| Starting torque ratio  | 2            | Bearing DE              | 6313 C3       |
| Pull up torque ratio   | 1            | Bearing NDE             | 6313 C3       |
| Pull out torque ratio  | 2,3          | Balance grade           | Normal        |
| Starting current ratio | 9            | Inertia kgm2            | 0,39332523569 |
|                        |              | Cable entries           | 2xM50, 1xM16  |

Note IE4 Förstärkt isolation

