

# SWE225M-2 45KW 400/690V B3

## Three-phase asynchronous motor in cast iron

Motor type SWE225M-2 45KW 400/690V B3  
Brand BUSCK  
Item number 93022251

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 400       | 45       | 50           | 75,5      | 2965      |
| 690       | 45       | 50           | 43,4      | 2965      |
| 460       | 51,75    | 60           | 75,5      | 3558      |

|                        |                                                             |                         |                      |
|------------------------|-------------------------------------------------------------|-------------------------|----------------------|
| Duty                   | S1                                                          | Efficiency class        | IE3                  |
| Enclosure              | IP55                                                        | Efficiency, load 100%   | 94,5                 |
| Insulation class       | F                                                           | Efficiency, load 75%    | 94,7                 |
| Cooling                | IC411 (TEFC)                                                | Efficiency, load 50%    | 93,7                 |
| Max. ambient temp.     | 40°C                                                        | Power fact, load 100%   | 0,91                 |
| Min. ambient temp.     | -20°C                                                       | Painting                | Standard             |
| Max. temp. rise        | 80 K                                                        | Color                   | RAL 9005             |
| Max altitude, masl     | 1000                                                        | Weight kg               | 320                  |
| Torque, Nm             | 145                                                         | Sound pressure Lp dB(A) | 75                   |
| Starting torque ratio  | 2,1                                                         | Bearing DE              | 6312                 |
| Pull out torque ratio  | 2,4                                                         | Bearing NDE             | 6312                 |
| Starting current ratio | 7,7                                                         | Balance grade           | Normal               |
| Winding protection     | Thermistors                                                 | Inertia kgm2            | 0,411                |
|                        |                                                             | Cable entries           | 2xM50 + 1xM16 (FL21) |
| Note                   | IE3, Kopplingslåda med FL21, 2x M50 + 1 x M16<br>Färg svart |                         |                      |

