

# SSWE225S-4 37KW 400/690V B5

## Three-phase asynchronous motor in cast iron

Motor type SSWE225S-4 37KW 400/690V B5  
Brand BUSCK  
Item number 43042252

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 400       | 37       | 50           | 66,0      | 1480      |
| 690       | 37       | 50           | 38,0      | 1480      |
| 460       | 42,55    | 60           | 66,0      | 1776      |

|                        |                                                                     |                          |          |
|------------------------|---------------------------------------------------------------------|--------------------------|----------|
| Duty                   | S1                                                                  | Efficiency class         | IE4      |
| Enclosure              | IP55                                                                | Efficiency, load 100%    | 95,2     |
| Insulation class       | F                                                                   | Efficiency, load 75%     | 95       |
| Cooling                | IC411 (TEFC)                                                        | Efficiency, load 50%     | 94       |
| Max. ambient temp.     | 40°C                                                                | Power fact, load 100%    | 0,85     |
| Min. ambient temp.     | -20°C                                                               |                          |          |
| Max. temp. rise        | 80 K                                                                | Painting                 | Standard |
| Max altitude, masl     | 1000                                                                | Color                    | RAL 9005 |
|                        |                                                                     | Weight kg                | 300      |
| Torque, Nm             | 239                                                                 | Sound pressure Lp dB(A)  | 68       |
| Starting torque ratio  | 2,4                                                                 | Bearing DE               | 6313     |
| Starting current ratio | 7,8                                                                 | Bearing NDE              | 6312     |
| Winding protection     | Thermistors                                                         | Balance grade            | Normal   |
|                        |                                                                     | Inertia kgm <sup>2</sup> | 0,612    |
| Note                   | IE4, Kopplingslåda med 2 x M20 + 1 x M16 2xM50, 1xM16<br>Färg svart |                          |          |

