

# SSWE280M-2 90KW 400/690V B3

## Three-phase asynchronous motor in cast iron

Motor type SSWE280M-2 90KW 400/690V B3  
Brand BUSCK  
Item number 43022811

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 400       | 90       | 50           | 151,0     | 2980      |
| 690       | 90       | 50           | 86,8      | 2980      |
| 460       | 103,5    | 60           | 151,0     | 3576      |

|                        |                                                       |                          |          |
|------------------------|-------------------------------------------------------|--------------------------|----------|
| Duty                   | S1                                                    | Efficiency class         | IE4      |
| Enclosure              | IP55                                                  | Efficiency, load 100%    | 95,8     |
| Insulation class       | F                                                     | Efficiency, load 75%     | 95,5     |
| Cooling                | IC411 (TEFC)                                          | Efficiency, load 50%     | 94,8     |
| Max. ambient temp.     | 40°C                                                  | Power fact, load 100%    | 0,90     |
| Min. ambient temp.     | -20°C                                                 |                          |          |
| Max. temp. rise        | 80 K                                                  | Painting                 | Standard |
| Max altitude, masl     | 1000                                                  | Color                    | RAL 9005 |
|                        |                                                       | Weight kg                | 550      |
| Torque, Nm             | 288                                                   | Sound pressure Lp dB(A)  | 79       |
| Starting torque ratio  | 2,5                                                   | Bearing DE               | 6314     |
| Starting current ratio | 7,6                                                   | Bearing NDE              | 6314     |
| Winding protection     | Thermistors                                           | Balance grade            | Normal   |
|                        |                                                       | Inertia kgm <sup>2</sup> | 0,823    |
| Note                   | IE4, Kopplingslåda med 2 x M16 + 1 x M16 2xM63, 1xM16 |                          |          |
|                        | Färg svart                                            |                          |          |

