

# SSWE180M-4 18,5KW 400/690V B35

## Three-phase asynchronous motor in cast iron

Motor type SSWE180M-4 18,5KW 400/690V B35  
 Brand BUSCK  
 Item number 43041804

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 400       | 18,5     | 50           | 35,0      | 1475      |
| 690       | 18,5     | 50           | 20,1      | 1475      |
| 460       | 21,28    | 60           | 35,0      | 1770      |

|                        |                                                                                                                  |                          |          |
|------------------------|------------------------------------------------------------------------------------------------------------------|--------------------------|----------|
| Duty                   | S1                                                                                                               | Efficiency class         | IE4      |
| Enclosure              | IP55                                                                                                             | Efficiency, load 100%    | 94,2     |
| Insulation class       | F                                                                                                                | Efficiency, load 75%     | 94       |
| Cooling                | IC411 (TEFC)                                                                                                     | Efficiency, load 50%     | 93       |
| Max. ambient temp.     | 40°C                                                                                                             | Power fact, load 100%    | 0,83     |
| Min. ambient temp.     | -20°C                                                                                                            |                          |          |
| Max. temp. rise        | 80 K                                                                                                             | Painting                 | Standard |
| Max altitude, masl     | 1000                                                                                                             | Color                    | RAL 9005 |
|                        |                                                                                                                  | Weight kg                | 185      |
| Torque, Nm             | 120                                                                                                              | Sound pressure Lp dB(A)  | 65       |
| Starting torque ratio  | 2,3                                                                                                              | Bearing DE               | 6311     |
| Starting current ratio | 7,9                                                                                                              | Bearing NDE              | 6211     |
| Winding protection     | Thermistors                                                                                                      | Balance grade            | Normal   |
|                        |                                                                                                                  | Inertia kgm <sup>2</sup> | 0,159    |
| Note                   | IE4, Kopplingslåda med kabelanslutning<br>Cable entry: 1 x M16 + 1 x M16 + 1 x M16 + 1 x M16 + 1 x M16 + 1 x M16 |                          |          |

