

# SWE160L-8 7,5KW 400/690V B3

## Three-phase asynchronous motor in cast iron

Motor type SWE160L-8 7,5KW 400/690V B3  
Brand BUSCK  
Item number 93081621w

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 400       | 7,5      | 50           | 16,8      | 730       |
| 690       | 7,5      | 50           | 9,66      | 730       |
| 460       | 8,63     | 60           | 16,8      | 876       |

|                        |              |                          |                      |
|------------------------|--------------|--------------------------|----------------------|
| Duty                   | S1           | Efficiency class         | IE3                  |
| Enclosure              | IP55         | Efficiency, load 100%    | 88,2                 |
| Insulation class       | F            | Efficiency, load 75%     | 88,1                 |
| Cooling                | IC411 (TEFC) | Efficiency, load 50%     | 86,3                 |
| Max. ambient temp.     | 40°C         | Power fact, load 100%    | 0,73                 |
| Min. ambient temp.     | -20°C        |                          |                      |
| Max. temp. rise        | 80 K         | Painting                 | Standard             |
| Max altitude, masl     | 1000         | Color                    | RAL 9005             |
|                        |              | Weight kg                | 110                  |
| Torque, Nm             | 98           | Sound pressure Lp dB(A)  | 53                   |
| Starting torque ratio  | 2,0          | Bearing DE               | 6209-2Z/C3           |
| Pull out torque ratio  | 2,2          | Bearing NDE              | 6209-2Z/C3           |
| Starting current ratio | 6,0          | Balance grade            | Normal               |
| Winding protection     | Thermistors  | Inertia kgm <sup>2</sup> | 0,102                |
|                        |              | Cable entries            | 2xM32 + 1xM16 (FL13) |

Note IE3, Kopplingslåda med FL13, 2 x M40 + 1 x M16

