

# SWE225S-4 37KW 230/400V B3

## Three-phase asynchronous motor in cast iron

Motor type SWE225S-4 37KW 230/400V B3  
Brand BUSCK  
Item number 93A42251

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 230       | 37       | 50           | 114,6     | 1480      |
| 400       | 37       | 50           | 65,9      | 1480      |
| 460       | 42,55    | 60           | 65,9      | 1776      |

|                        |              |                          |                      |
|------------------------|--------------|--------------------------|----------------------|
| Duty                   | S1           | Efficiency class         | IE3                  |
| Enclosure              | IP55         | Efficiency, load 100%    | 94,3                 |
| Insulation class       | F            | Efficiency, load 75%     | 94,2                 |
| Cooling                | IC411 (TEFC) | Efficiency, load 50%     | 92,8                 |
| Max. ambient temp.     | 40°C         | Power fact, load 100%    | 0,86                 |
| 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)  | 70                   |
| Starting torque ratio  | 2,3          | Bearing DE               | 6313                 |
| Pull out torque ratio  | 2,6          | Bearing NDE              | 6312                 |
| Starting current ratio | 7,5          | Balance grade            | Normal               |
| Winding protection     | Thermistors  | Inertia kgm <sup>2</sup> | 0,612                |
|                        |              | Cable entries            | 2xM50 + 1xM16 (FL21) |

Note IE3, Kopplingslåda med FL21, 2x M50 + 1 x M16  
Färg svart

