

# SWE315S-6 75KW 500V B3

## Three-phase asynchronous motor in cast iron

Motor type SWE315S-6 75KW 500V B3  
Brand BUSCK  
Item number 93C63151

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 500       | 75       | 50           | 107,2     | 985       |
| 575       | 86,25    | 60           | 107,2     | 1182      |

|                        |              |                         |                      |
|------------------------|--------------|-------------------------|----------------------|
| Duty                   | S1           | Efficiency class        | IE3                  |
| Enclosure              | IP55         | Efficiency, load 100%   | 95,2                 |
| Insulation class       | F            | Efficiency, load 75%    | 95,3                 |
| Cooling                | IC411 (TEFC) | Efficiency, load 50%    | 94                   |
| Max. ambient temp.     | 40°C         | Power fact, load 100%   | 0,85                 |
| Min. ambient temp.     | -20°C        | Painting                | Standard             |
| Max. temp. rise        | 80 K         | Color                   | RAL 9005             |
| Max altitude, masl     | 1000         | Weight kg               | 905                  |
| Torque, Nm             | 727          | Sound pressure Lp dB(A) | 68                   |
| Starting torque ratio  | 2,3          | Bearing DE              | NU319                |
| Pull out torque ratio  | 2,3          | Bearing NDE             | 6319                 |
| Starting current ratio | 7,1          | Balance grade           | Normal               |
| Winding protection     | Thermistors  | Inertia kgm2            | 3,864                |
|                        |              | Cable entries           | 2xM63 + 1xM16 (FL21) |

Note

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