

# SWE315M-6 90KW 500V B5

## Three-phase asynchronous motor in cast iron

Motor type SWE315M-6 90KW 500V B5  
Brand BUSCK  
Item number 93C63162

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 500       | 90       | 50           | 128,8     | 985       |
| 575       | 103,5    | 60           | 128,8     | 1182      |

|                        |              |                          |                      |
|------------------------|--------------|--------------------------|----------------------|
| Duty                   | S1           | Efficiency class         | IE3                  |
| Enclosure              | IP55         | Efficiency, load 100%    | 95,4                 |
| Insulation class       | F            | Efficiency, load 75%     | 95,4                 |
| Cooling                | IC411 (TEFC) | Efficiency, load 50%     | 94                   |
| Max. ambient temp.     | 40°C         | Power fact, load 100%    | 0,85                 |
| Min. ambient temp.     | -20°C        |                          |                      |
| Max. temp. rise        | 80 K         | Painting                 | Standard             |
| Max altitude, masl     | 1000         | Color                    | RAL 9005             |
|                        |              | Weight kg                | 955                  |
| Torque, Nm             | 873          | Sound pressure Lp dB(A)  | 69                   |
| Starting torque ratio  | 2,3          | Balance grade            | Normal               |
| Pull out torque ratio  | 2,3          | Inertia kgm <sup>2</sup> | 4,952                |
| Starting current ratio | 7,1          | Cable entries            | 2xM63 + 1xM16 (FL21) |
| Winding protection     | Thermistors  |                          |                      |

Note

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