

# SWE355M-2 250KW 500V B5

## Three-phase asynchronous motor in cast iron

Motor type SWE355M-2 250KW 500V B5  
Brand BUSCK  
Item number 93C23552

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 500       | 250      | 50           | 329,6     | 2985      |
| 575       | 287,5    | 60           | 329,6     | 3582      |

|                        |                           |                         |                      |
|------------------------|---------------------------|-------------------------|----------------------|
| Duty                   | S1                        | Efficiency class        | IE3                  |
| Enclosure              | IP55                      | Efficiency, load 100%   | 96,3                 |
| Insulation class       | F                         | Efficiency, load 75%    | 96,2                 |
| Cooling                | IC411 (TEFC)              | Efficiency, load 50%    | 95,7                 |
| Max. ambient temp.     | 40°C                      | Power fact, load 100%   | 0,91                 |
| Min. ambient temp.     | -20°C                     |                         |                      |
| Max. temp. rise        | 80 K                      | Painting                | Standard             |
| Max altitude, masl     | 1000                      | Color                   | RAL 9005             |
|                        |                           | Weight kg               | 1725                 |
| Torque, Nm             | 800                       | Sound pressure Lp dB(A) | 83                   |
| Starting torque ratio  | 1,9                       | Balance grade           | Normal               |
| Pull out torque ratio  | 2,3                       | Inertia kgm2            | 3,898                |
| Starting current ratio | 7,5                       | Cable entries           | 2xM63 + 1xM16 (FL33) |
| Winding protection     | Thermistors               |                         |                      |
| Note                   | Axel 70x140<br>Färg svart |                         |                      |

| D   | E   | F   | G   | GA | DH | M | N | P | S | T | AC | HD  | LA  | LD | L |
|-----|-----|-----|-----|----|----|---|---|---|---|---|----|-----|-----|----|---|
| 610 | 560 | 254 | 355 |    |    |   |   |   |   |   |    | 726 | 698 | 52 |   |