

# SWE250M-2 55KW 400/690V B35

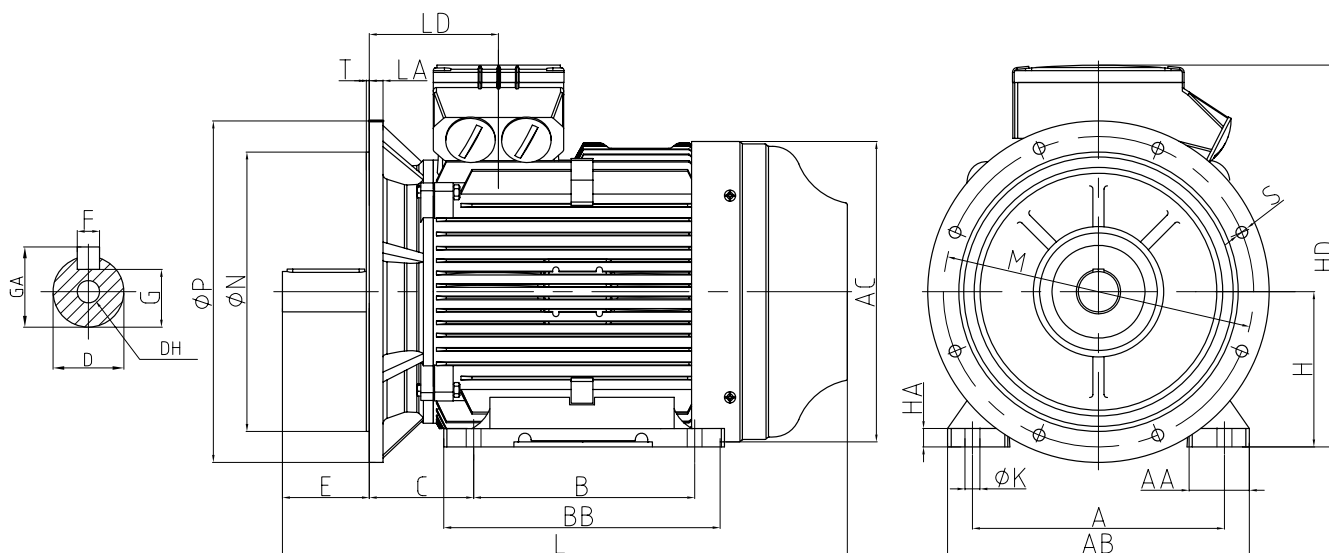
## Three-phase asynchronous motor in cast iron

Motor type SWE250M-2 55KW 400/690V B35  
 Brand BUSCK  
 Item number 93022504

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 400       | 55       | 50           | 91,8      | 2965      |
| 690       | 55       | 50           | 52,8      | 2965      |
| 460       | 63,25    | 60           | 91,8      | 3558      |

|                        |              |                         |                      |
|------------------------|--------------|-------------------------|----------------------|
| Duty                   | S1           | Efficiency class        | IE3                  |
| Enclosure              | IP55         | Efficiency, load 100%   | 95                   |
| Insulation class       | F            | Efficiency, load 75%    | 95,2                 |
| Cooling                | IC411 (TEFC) | Efficiency, load 50%    | 94,2                 |
| 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               | 391                  |
| Torque, Nm             | 177          | Sound pressure Lp dB(A) | 81                   |
| Starting torque ratio  | 2,1          | Bearing DE              | 6313                 |
| Pull out torque ratio  | 2,4          | Bearing NDE             | 6313                 |
| Starting current ratio | 7,6          | Balance grade           | Normal               |
| Winding protection     | Thermistors  | Inertia kgm2            | 0,435                |
|                        |              | Cable entries           | 2xM63 + 1xM16 (FL21) |

Note IE3, Kopplingslåda med FL21, 2x M63 + 1 x M16  
 Färg svart



| A   | B   | B1 | C   | H   | D  | E   | F  | GA | DH  | M   | N   | P   | AB  | AC  | HA | HD  | BB  | LD  | L   |
|-----|-----|----|-----|-----|----|-----|----|----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|
| 406 | 349 |    | 168 | 250 | 60 | 140 | 18 | 64 | M20 | 500 | 450 | 550 | 485 | 485 | 32 | 622 | 445 | 212 | 915 |