

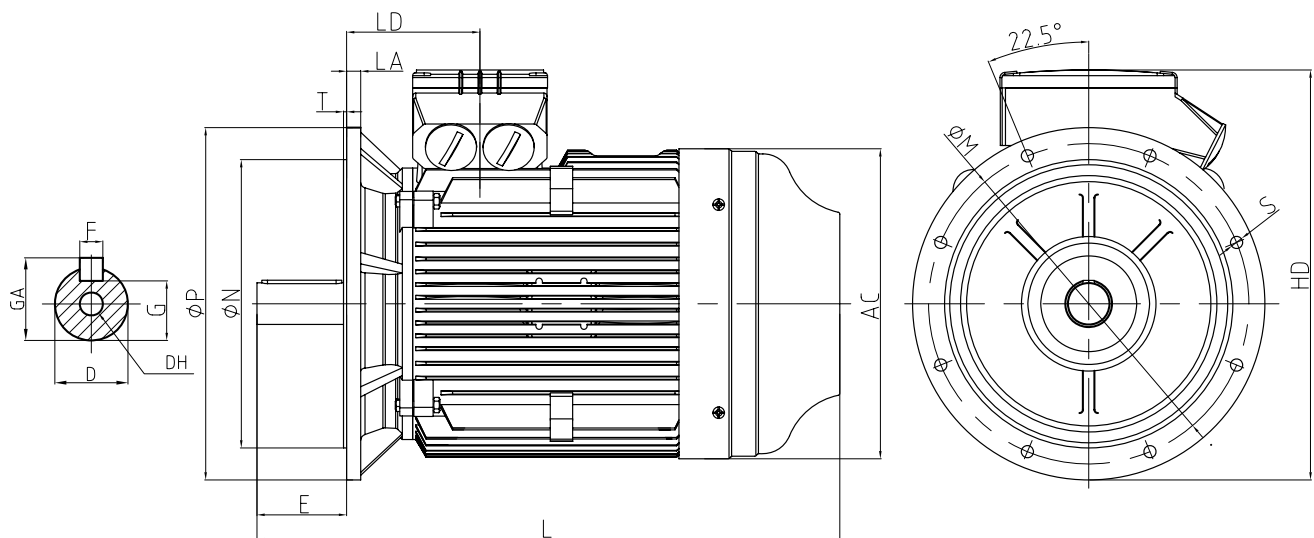
# SWE250M-8 30KW 400/690V B35

## Three-phase asynchronous motor in cast iron

Motor type SWE250M-8 30KW 400/690V B35  
 Brand BUSCK  
 Item number 93082504

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 400       | 30       | 50           | 60,8      | 735       |
| 690       | 30       | 50           | 35,0      | 735       |
| 460       | 34,5     | 60           | 60,8      | 882       |

|                        |                                                                     |                          |          |
|------------------------|---------------------------------------------------------------------|--------------------------|----------|
| Duty                   | S1                                                                  | Efficiency class         | IE3      |
| Enclosure              | IP55                                                                | Efficiency, load 100%    | 92,5     |
| Insulation class       | F                                                                   | Efficiency, load 75%     | 92,6     |
| Cooling                | IC411 (TEFC)                                                        | Efficiency, load 50%     | 91,1     |
| Max. ambient temp.     | 40°C                                                                | Power fact, load 100%    | 0,77     |
| Max. temp. rise        | 80 K                                                                | Painting                 | Standard |
| Max altitude, masl     | 1000                                                                | Color                    | RAL 9005 |
| Torque, Nm             | 390                                                                 | Weight kg                | 395      |
| Starting torque ratio  | 1,9                                                                 | Sound pressure Lp dB(A)  | 58       |
| Pull out torque ratio  | 2,0                                                                 | Bearing DE               | 6314     |
| Starting current ratio | 6,6                                                                 | Bearing NDE              | 6313     |
|                        |                                                                     | Balance grade            | Normal   |
|                        |                                                                     | Inertia kgm <sup>2</sup> | 0,983    |
| Note                   | IE3, Kopplingslåda med 2x M16 + 1 x M16 2xM63 + 1xM16<br>Färg svart |                          |          |



| A  | B   | B1 | C  | H  | D  | E  | F   | GA  | DH  | M   | N | P   | AB  | AC | HA  | HD  | BB | LD | L |
|----|-----|----|----|----|----|----|-----|-----|-----|-----|---|-----|-----|----|-----|-----|----|----|---|
| 65 | 140 |    | 18 | 58 | 69 | M2 | 500 | 450 | 550 | 18. | 5 | 485 | 647 | 22 | 212 | 915 |    |    |   |
|    |     |    |    |    |    | 0  |     |     |     | 5   |   |     |     |    |     |     |    |    |   |