

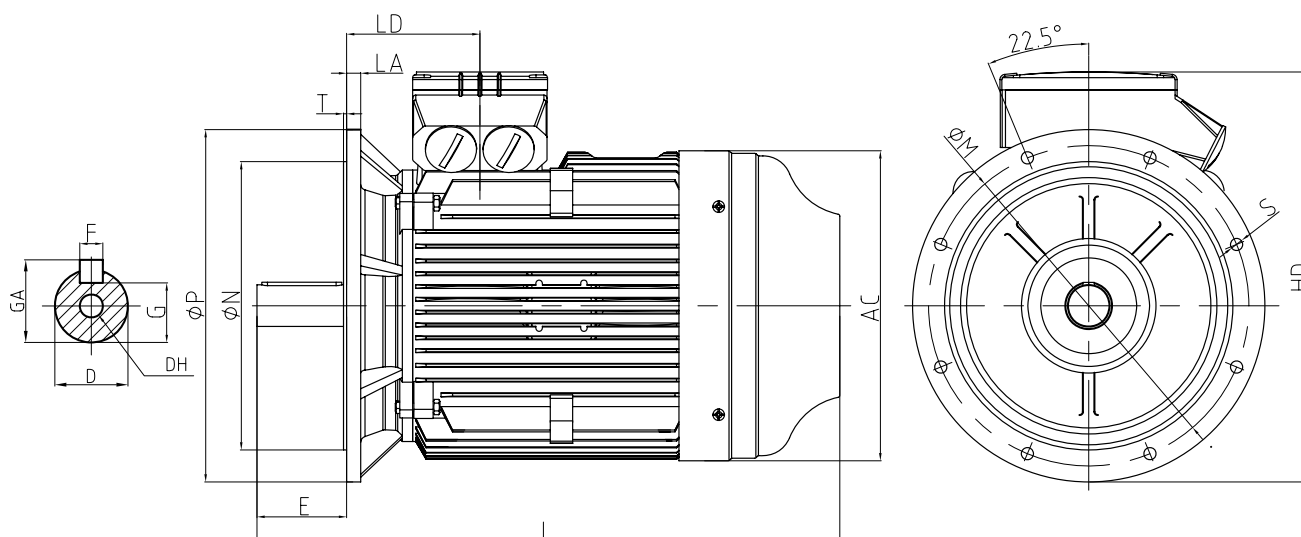
# SWE280M-2 90KW 230/400V B5

## Three-phase asynchronous motor in cast iron

Motor type SWE280M-2 90KW 230/400V B5  
 Brand BUSCK  
 Item number 93A22812

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 230       | 90       | 50           | 262,6     | 2980      |
| 400       | 90       | 50           | 151,0     | 2980      |
| 460       | 103,5    | 60           | 151,0     | 3576      |

|                        |                                                      |                         |          |
|------------------------|------------------------------------------------------|-------------------------|----------|
| Duty                   | S1                                                   | Efficiency class        | IE3      |
| Enclosure              | IP55                                                 | Efficiency, load 100%   | 95,4     |
| Insulation class       | F                                                    | Efficiency, load 75%    | 95,3     |
| Cooling                | IC411 (TEFC)                                         | Efficiency, load 50%    | 94,4     |
| Max. ambient temp.     | 40°C                                                 | Power fact, load 100%   | 0,90     |
| Min. ambient temp.     | -20°C                                                |                         |          |
| Max. temp. rise        | 80 K                                                 | Painting                | Standard |
| Max altitude, masl     | 1000                                                 | Color                   | RAL 9005 |
|                        |                                                      | Weight kg               | 550      |
| Torque, Nm             | 288                                                  | Sound pressure Lp dB(A) | 80       |
| Starting torque ratio  | 1,8                                                  | Bearing DE              | 6314     |
| Pull out torque ratio  | 2,4                                                  | Bearing NDE             | 6314     |
| Starting current ratio | 7,4                                                  | Balance grade           | Normal   |
|                        |                                                      | Inertia kgm2            | 0,823    |
| Note                   | IE3, Kopplingslåda med kabelanslutning<br>Färg svart |                         |          |



| D  | E   | F  | G  | GA | DH  | M   | N   | P   | S    | T | AC  | HD  | LA | LD  | L    |
|----|-----|----|----|----|-----|-----|-----|-----|------|---|-----|-----|----|-----|------|
| 65 | 140 | 18 | 58 | 69 | M20 | 500 | 450 | 550 | 18.5 | 5 | 550 | 675 | 22 | 221 | 1020 |