

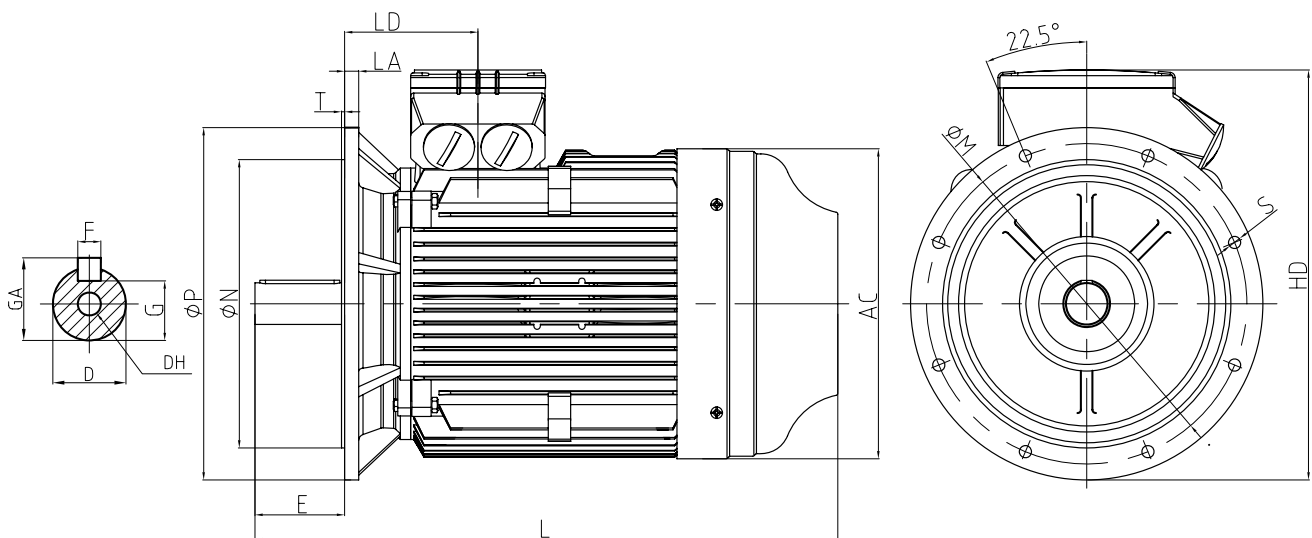
# SWE280S-4 75KW 230/400V B5

## Three-phase asynchronous motor in cast iron

Motor type SWE280S-4 75KW 230/400V B5  
Brand BUSCK  
Item number 93A42802

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 230       | 75       | 50           | 226,1     | 1490      |
| 400       | 75       | 50           | 130,0     | 1490      |
| 460       | 86,25    | 60           | 130,0     | 1788      |

|                        |                                                             |                         |                      |
|------------------------|-------------------------------------------------------------|-------------------------|----------------------|
| 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%    | 94,3                 |
| Max. ambient temp.     | 40°C                                                        | Power fact, load 100%   | 0,87                 |
| Min. ambient temp.     | -20°C                                                       |                         |                      |
| Max. temp. rise        | 80 K                                                        | Painting                | Standard             |
| Max altitude, masl     | 1000                                                        | Color                   | RAL 9005             |
|                        |                                                             | Weight kg               | 520                  |
| Torque, Nm             | 481                                                         | Sound pressure Lp dB(A) | 68                   |
| Starting torque ratio  | 2,3                                                         | Bearing DE              | 6317                 |
| Pull out torque ratio  | 2,7                                                         | Bearing NDE             | 6314                 |
| Starting current ratio | 7,4                                                         | Balance grade           | Normal               |
| Winding protection     | Thermistors                                                 | Inertia kgm2            | 1,532                |
|                        |                                                             | Cable entries           | 2xM63 + 1xM16 (FL21) |
| Note                   | IE3, Kopplingslåda med FL21, 2x M63 + 1 x M16<br>Färg svart |                         |                      |



| D  | E   | F  | G    | GA   | DH  | M   | N   | P   | S    | T | AC  | HD  | LA | LD  | L   |
|----|-----|----|------|------|-----|-----|-----|-----|------|---|-----|-----|----|-----|-----|
| 75 | 140 | 20 | 67.5 | 79.5 | M20 | 500 | 450 | 550 | 18.5 | 5 | 550 | 675 | 22 | 221 | 968 |