

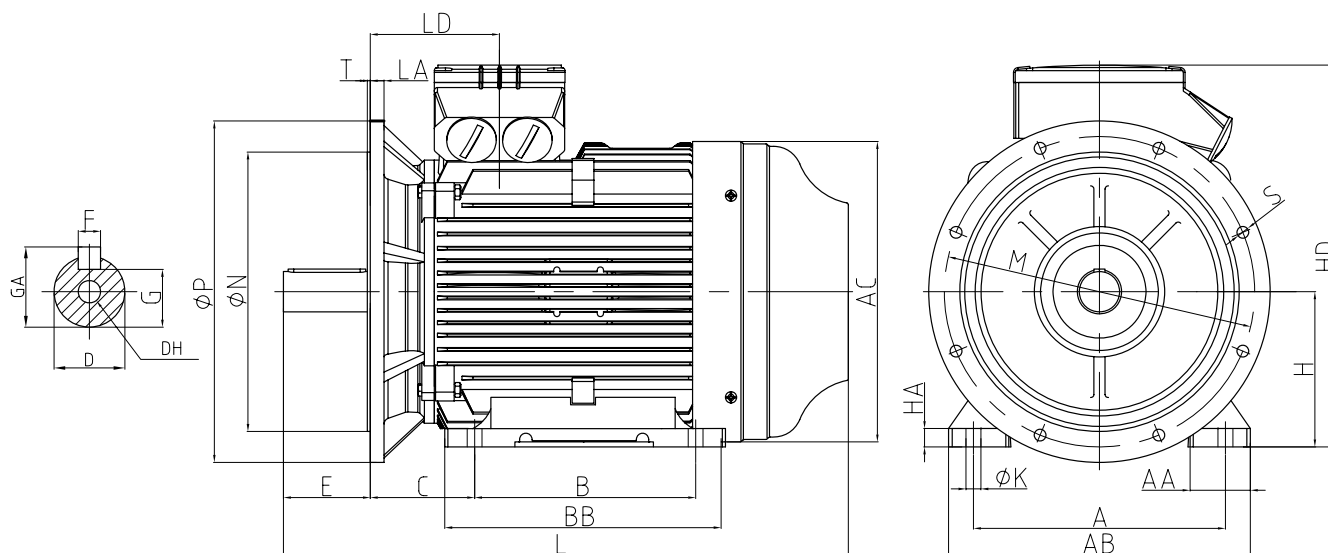
# WE280S-4 75KW 400/690V B35

## Three-phase asynchronous motor in cast iron

Motor type WE280S-4 75KW 400/690V B35  
 Brand BUSCK  
 Item number 83042804

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 400       | 75       | 50           | 131,4     | 1485      |
| 690       | 75       | 50           | 75,6      | 1485      |
| 460       | 86,25    | 60           | 131,4     | 1782      |

|                        |                    |                         |               |
|------------------------|--------------------|-------------------------|---------------|
| Duty                   | S1                 | Efficiency class        | IE2           |
| Enclosure              | IP55               | Efficiency, load 100%   | 94,1          |
| Insulation class       | F                  | Efficiency, load 75%    | 94,2          |
| Cooling                | IC411 (TEFC)       | Efficiency, load 50%    | 92,9          |
| 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               | 515           |
| Torque, Nm             | 482                | Sound pressure Lp dB(A) | 70            |
| Starting torque ratio  | 2,2                | Bearing DE              | 6317          |
| Pull out torque ratio  | 2,5                | Bearing NDE             | 6314          |
| Starting current ratio | 7,2                | Balance grade           | Normal        |
| Winding protection     | Thermistors        | Inertia kgm2            | 1,552         |
|                        |                    | Cable entries           | 2xM63 + 1xM16 |
| Note                   | IE2<br>axel 75x140 |                         |               |



| A   | B   | B1 | C   | H   | D  | E   | F  | GA   | DH  | M   | N   | P   | AB  | AC  | HA | HD  | BB  | LD  | L   |
|-----|-----|----|-----|-----|----|-----|----|------|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|
| 457 | 368 |    | 190 | 280 | 75 | 140 | 20 | 79.5 | M20 | 500 | 450 | 550 | 542 | 550 | 35 | 681 | 490 | 221 | 968 |