

# WE280S-8 37KW 400/690V B35

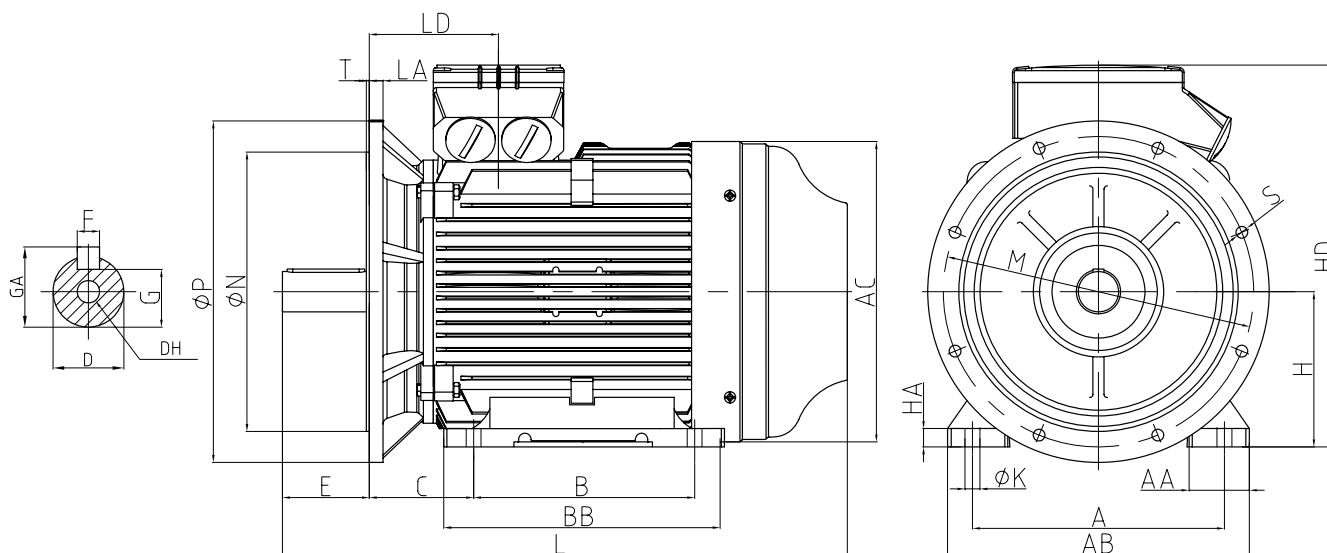
## Three-phase asynchronous motor in cast iron

Motor type WE280S-8 37KW 400/690V B35  
 Brand BUSCK  
 Item number 83082804

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 400       | 37       | 50           | 72,7      | 735       |
| 690       | 37       | 50           | 41,8      | 735       |
| 460       | 42,55    | 60           | 72,7      | 882       |

|                        |              |                          |               |
|------------------------|--------------|--------------------------|---------------|
| Duty                   | S1           | Efficiency class         | IE2           |
| Enclosure              | IP55         | Efficiency, load 100%    | 92,2          |
| Insulation class       | F            | Power fact, load 100%    | 0,79          |
| Cooling                | IC411 (TEFC) | Painting                 | Standard      |
| Max. ambient temp.     | 40°C         | Color                    | RAL 9005      |
| Min. ambient temp.     | -20°C        | Weight kg                | 480           |
| Max. temp. rise        | 80 K         | Sound pressure Lp dB(A)  | 58            |
| Max altitude, masl     | 1000         | Bearing DE               | 6317          |
|                        |              | Bearing NDE              | 6314          |
| Torque, Nm             | 481          | Balance grade            | Normal        |
| Starting torque ratio  | 2,2          | Inertia kgm <sup>2</sup> | 1,857         |
| Pull out torque ratio  | 2,2          | Cable entries            | 2xM63 + 1xM16 |
| Starting current ratio | 6,6          |                          |               |
| Winding protection     | Thermistors  |                          |               |

Note 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 |