

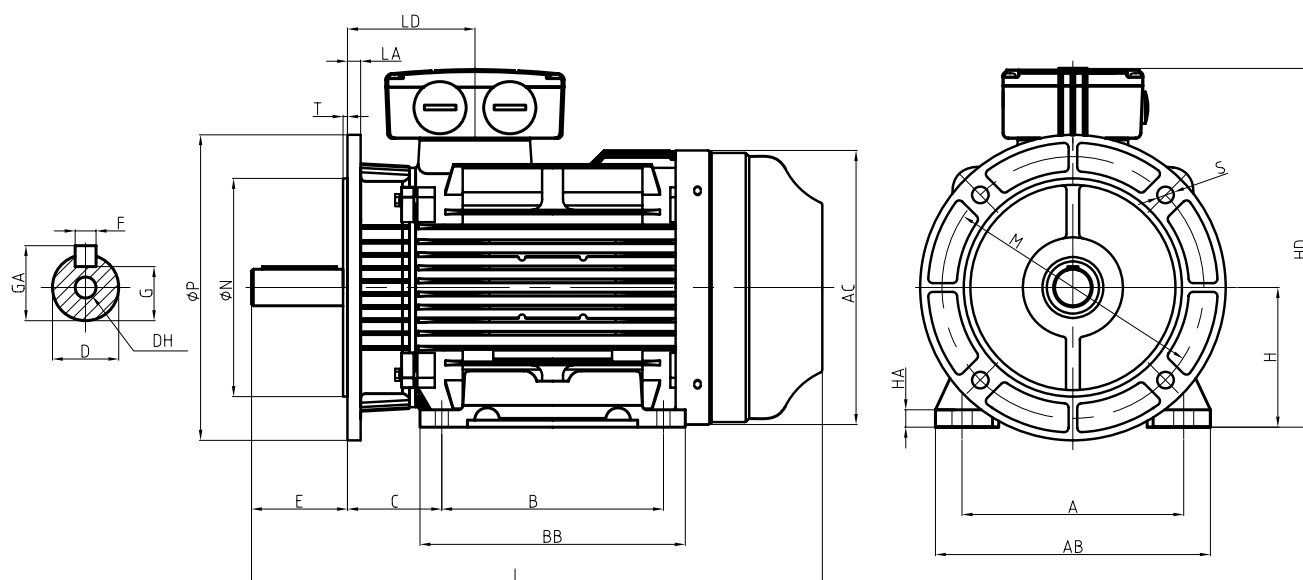
# WE225S-8 18,5KW 230/400V B35

## Three-phase asynchronous motor in cast iron

Motor type WE225S-8 18,5KW 230/400V B35  
 Brand BUSCK  
 Item number 83A82254

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 230       | 18,5     | 50           | 67,2      | 730       |
| 400       | 18,5     | 50           | 38,6      | 730       |
| 460       | 21,28    | 60           | 38,6      | 876       |

|                        |              |                          |               |
|------------------------|--------------|--------------------------|---------------|
| Duty                   | S1           | Efficiency class         | IE2           |
| Enclosure              | IP55         | Efficiency, load 100%    | 90,4          |
| Insulation class       | F            | Power fact, load 100%    | 0,76          |
| Cooling                | IC411 (TEFC) | Painting                 | Standard      |
| Max. ambient temp.     | 40°C         | Color                    | RAL 9005      |
| Min. ambient temp.     | -20°C        | Weight kg                | 275           |
| Max. temp. rise        | 80 K         | Sound pressure Lp dB(A)  | 55            |
| Max altitude, masl     | 1000         | Bearing DE               | 6313          |
|                        |              | Bearing NDE              | 6312          |
| Torque, Nm             | 242          | Balance grade            | Normal        |
| Starting torque ratio  | 2            | Inertia kgm <sup>2</sup> | 0,603         |
| Pull out torque ratio  | 2            | Cable entries            | 2xM50 + 1xM16 |
| Starting current ratio | 6,6          |                          |               |



| A   | B   | B1 | C   | H   | D  | E   | F  | GA | DH  | M   | N   | P   | AB  | AC  | HA | HD  | BB  | LD  | L   |
|-----|-----|----|-----|-----|----|-----|----|----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|
| 356 | 286 |    | 149 | 225 | 60 | 140 | 18 | 64 | M20 | 400 | 350 | 450 | 430 | 450 | 28 | 555 | 370 | 189 | 825 |