

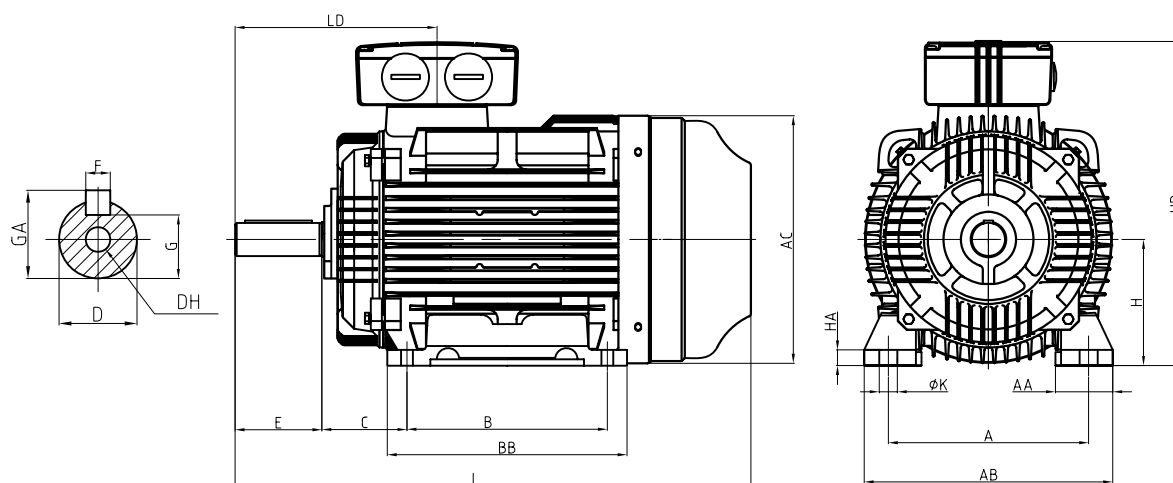
# WE225M-8 22KW 400/690V B3

## Three-phase asynchronous motor in cast iron

Motor type WE225M-8 22KW 400/690V B3  
 Brand BUSCK  
 Item number 83082261

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 400       | 22       | 50           | 46,3      | 735       |
| 690       | 22       | 50           | 26,6      | 735       |
| 460       | 25,3     | 60           | 46,3      | 882       |

|                        |              |                         |               |
|------------------------|--------------|-------------------------|---------------|
| Duty                   | S1           | Efficiency class        | IE2           |
| Enclosure              | IP55         | Efficiency, load 100%   | 90,2          |
| Insulation class       | F            | Efficiency, load 75%    | 90,3          |
| Cooling                | IC411 (TEFC) | Efficiency, load 50%    | 89,3          |
| Max. ambient temp.     | 40°C         | Power fact, load 100%   | 0,76          |
| Min. ambient temp.     | -20°C        |                         |               |
| Max. temp. rise        | 80 K         | Painting                | Standard      |
| Max altitude, masl     | 1000         | Color                   | RAL 9005      |
|                        |              | Weight kg               | 300           |
| Torque, Nm             | 286          | Sound pressure Lp dB(A) | 55            |
| Starting torque ratio  | 1,9          | Bearing DE              | 6313          |
| Pull out torque ratio  | 2,0          | Bearing NDE             | 6312          |
| Starting current ratio | 6,6          | Balance grade           | Normal        |
| Winding protection     | Thermistors  | Inertia kgm2            | 0,698         |
|                        |              | Cable entries           | 2xM50 + 1xM16 |



| A   | B   | B1 | C   | H   | D  | E   | F  | G  | DH  | GA | AA | AB  | AC  | HA | HD  | BB  | LD  | L   |
|-----|-----|----|-----|-----|----|-----|----|----|-----|----|----|-----|-----|----|-----|-----|-----|-----|
| 356 | 311 |    | 149 | 225 | 60 | 140 | 18 | 53 | M20 | 64 | 79 | 430 | 450 | 28 | 555 | 390 | 333 | 850 |