

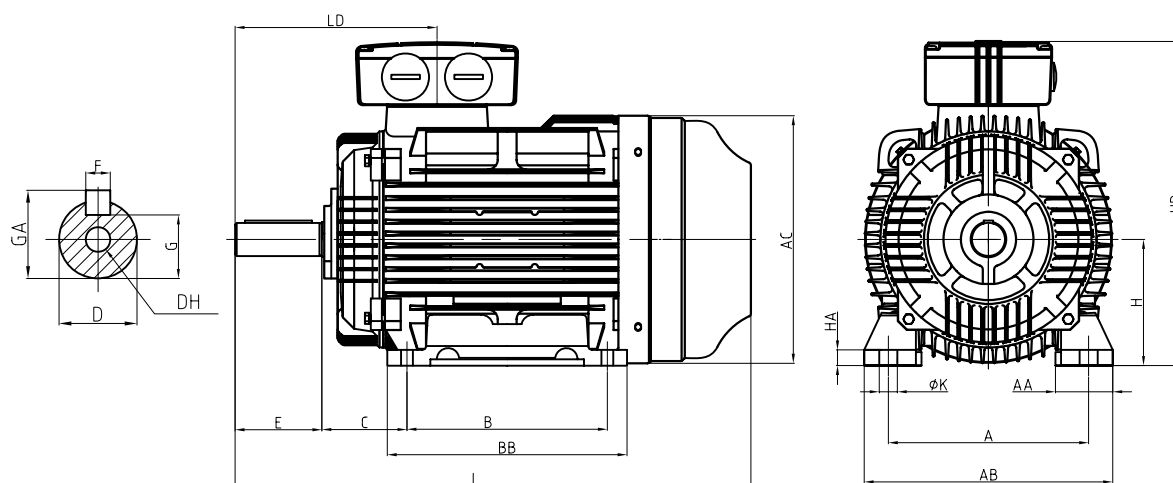
# WE225M-2 45KW 400/690V B3

## Three-phase asynchronous motor in cast iron

Motor type WE225M-2 45KW 400/690V B3  
 Brand BUSCK  
 Item number 83022251

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 400       | 45       | 50           | 76,0      | 2970      |
| 690       | 45       | 50           | 43,7      | 2970      |
| 460       | 51,75    | 60           | 76,0      | 3564      |

|                        |              |                         |               |
|------------------------|--------------|-------------------------|---------------|
| Duty                   | S1           | Efficiency class        | IE2           |
| Enclosure              | IP55         | Efficiency, load 100%   | 93,1          |
| Insulation class       | F            | Efficiency, load 75%    | 92,7          |
| Cooling                | IC411 (TEFC) | Efficiency, load 50%    | 91,2          |
| Max. ambient temp.     | 40°C         | Power fact, load 100%   | 0,91          |
| Min. ambient temp.     | -20°C        |                         |               |
| Max. temp. rise        | 80 K         | Painting                | Standard      |
| Max altitude, masl     | 1000         | Color                   | RAL 9005      |
|                        |              | Weight kg               | 302           |
| Torque, Nm             | 145          | Sound pressure Lp dB(A) | 75            |
| Starting torque ratio  | 2            | Bearing DE              | 6312          |
| Pull out torque ratio  | 2,3          | Bearing NDE             | 6312          |
| Starting current ratio | 7,5          | Balance grade           | Normal        |
| Winding protection     | Thermistors  | Inertia kgm2            | 0,325         |
|                        |              | Cable entries           | 2xM50 + 1xM16 |
| Note                   | IE2          |                         |               |



| A   | B   | B1 | C   | H   | D  | E   | F  | G  | DH  | GA | AA | AB  | AC  | HA | HD  | BB  | LD  | L   |
|-----|-----|----|-----|-----|----|-----|----|----|-----|----|----|-----|-----|----|-----|-----|-----|-----|
| 356 | 311 |    | 149 | 225 | 55 | 110 | 16 | 49 | M20 | 59 | 79 | 430 | 450 | 28 | 555 | 390 | 303 | 820 |