

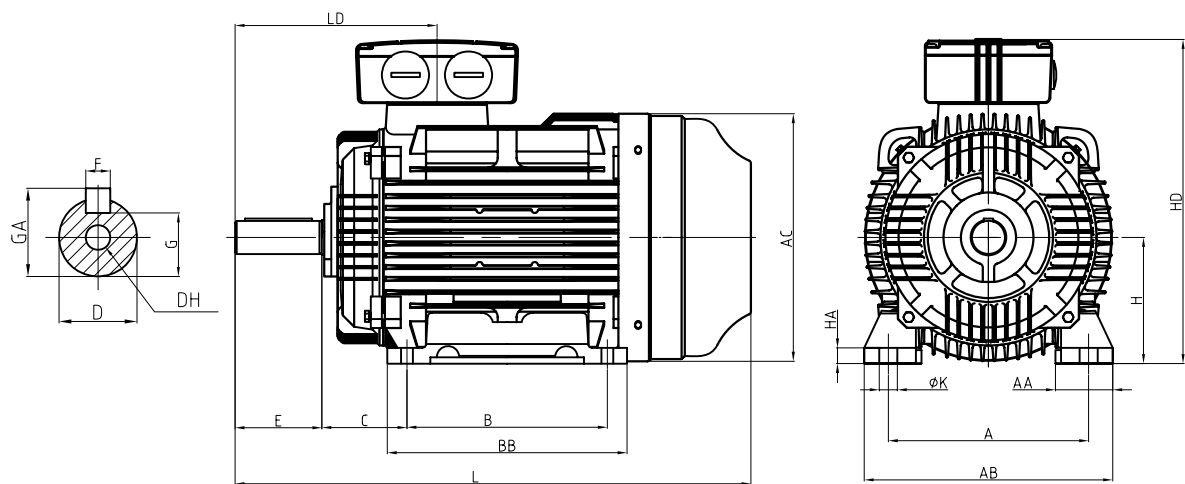
# WE160MA-8 4KW 400/690V B3

## Three-phase asynchronous motor in cast iron

Motor type WE160MA-8 4KW 400/690V B3  
 Brand BUSCK  
 Item number 83081601

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 400       | 4        | 50           | 9,3       | 725       |
| 690       | 4        | 50           | 5,35      | 725       |
| 460       | 4,6      | 60           | 9,3       | 870       |

|                        |              |                         |               |
|------------------------|--------------|-------------------------|---------------|
| Duty                   | S1           | Efficiency class        | IE2           |
| Enclosure              | IP55         | Efficiency, load 100%   | 81            |
| Insulation class       | F            | Power fact, load 100%   | 0,73          |
| Cooling                | IC411 (TEFC) | Painting                | Standard      |
| Max. ambient temp.     | 40°C         | Color                   | RAL 9005      |
| Min. ambient temp.     | -20°C        | Weight kg               | 105           |
| Max. temp. rise        | 80 K         | Sound pressure Lp dB(A) | 53            |
| Max altitude, masl     | 1000         | Bearing DE              | 6209-2Z/C3    |
| Torque, Nm             | 53           | Bearing NDE             | 6209-2Z/C3    |
| Starting torque ratio  | 2,2          | Balance grade           | Normal        |
| Pull out torque ratio  | 2,2          | Inertia kgm2            | 0,0889        |
| Starting current ratio | 6            | Cable entries           | 2xM40 + 1xM16 |
| Winding protection     | Thermistors  |                         |               |



| A   | B   | B1 | C   | H   | D  | E   | F  | G  | DH  | GA | AA | AB  | AC  | HA | HD  | BB  | LD  | L   |
|-----|-----|----|-----|-----|----|-----|----|----|-----|----|----|-----|-----|----|-----|-----|-----|-----|
| 254 | 210 |    | 108 | 160 | 42 | 110 | 12 | 37 | M16 | 45 | 65 | 316 | 315 | 20 | 409 | 260 | 260 | 614 |