

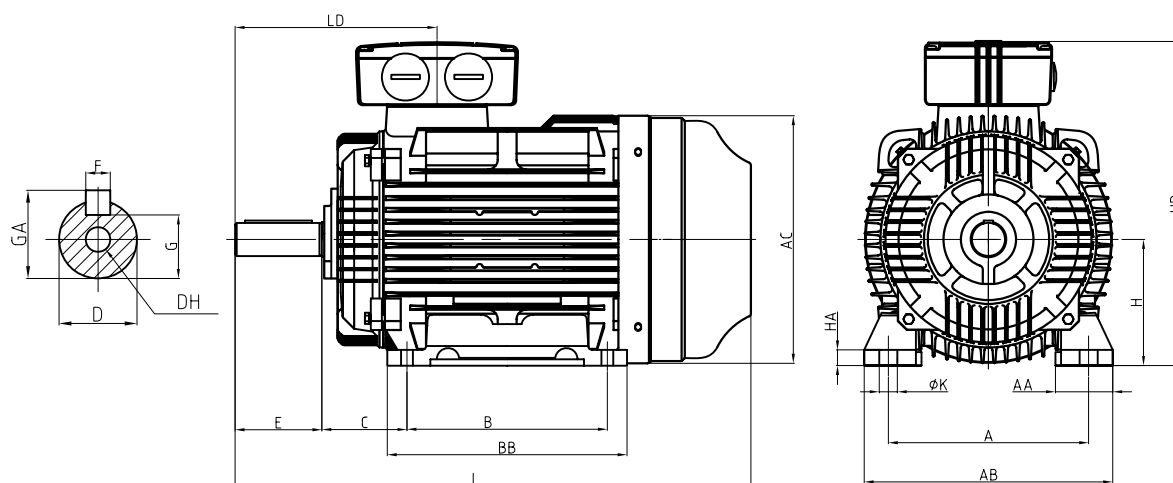
# WE160M-4 11KW 230/400V B3

## Three-phase asynchronous motor in cast iron

Motor type WE160M-4 11KW 230/400V B3  
 Brand BUSCK  
 Item number 83A41601w

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 230       | 11       | 50           | 35,7      | 1460      |
| 400       | 11       | 50           | 20,5      | 1460      |
| 460       | 12,65    | 60           | 20,5      | 1752      |

|                        |              |                          |               |
|------------------------|--------------|--------------------------|---------------|
| Duty                   | S1           | Efficiency class         | IE2           |
| Enclosure              | IP55         | Efficiency, load 100%    | 90,3          |
| Insulation class       | F            | Efficiency, load 75%     | 91,4          |
| Cooling                | IC411 (TEFC) | Efficiency, load 50%     | 90,2          |
| Max. ambient temp.     | 40°C         | Power fact, load 100%    | 0,85          |
| Min. ambient temp.     | -20°C        |                          |               |
| Max. temp. rise        | 80 K         | Painting                 | Standard      |
| Max altitude, masl     | 1000         | Color                    | RAL 9005      |
|                        |              | Weight kg                | 73            |
| Torque, Nm             | 72           | Sound pressure Lp dB(A)  | 60            |
| Starting torque ratio  | 2,2          | Bearing DE               | 6209-2Z/C3    |
| Pull out torque ratio  | 2,5          | Bearing NDE              | 6209-2Z/C3    |
| Starting current ratio | 7            | Balance grade            | Normal        |
| Winding protection     | Thermistors  | Inertia kgm <sup>2</sup> | 0,1052        |
|                        |              | Cable entries            | 2xM40 + 1xM16 |
| Note                   | IE2          |                          |               |



| 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 |