

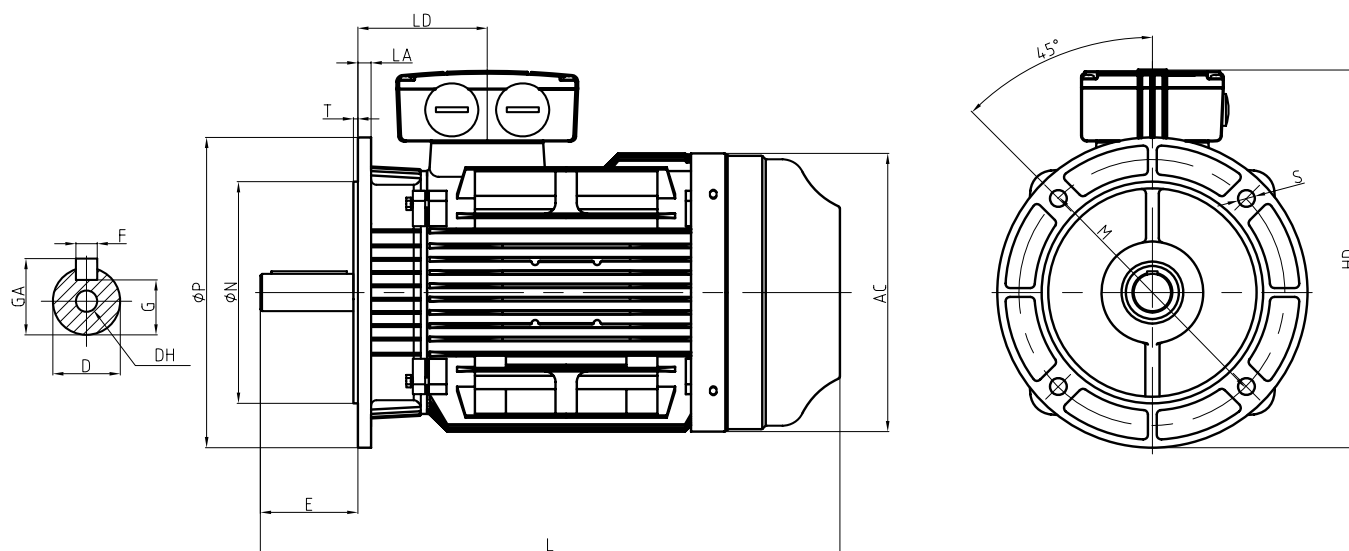
# WE160L-2 18,5KW 400/690V B5

## Three-phase asynchronous motor in cast iron

Motor type WE160L-2 18,5KW 400/690V B5  
Brand BUSCK  
Item number 83021622w

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 400       | 18,5     | 50           | 32,3      | 2940      |
| 690       | 18,5     | 50           | 18,6      | 2940      |
| 460       | 21,28    | 60           | 32,3      | 3528      |

|                        |              |                         |               |
|------------------------|--------------|-------------------------|---------------|
| Duty                   | S1           | Efficiency class        | IE2           |
| Enclosure              | IP55         | Efficiency, load 100%   | 91,2          |
| Insulation class       | F            | Efficiency, load 75%    | 91,2          |
| Cooling                | IC411 (TEFC) | Efficiency, load 50%    | 91,1          |
| 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               | 89            |
| Torque, Nm             | 60           | Sound pressure Lp dB(A) | 68            |
| Starting torque ratio  | 2,2          | Bearing DE              | 6209-2Z/C3    |
| Pull out torque ratio  | 2,2          | Bearing NDE             | 6209-2Z/C3    |
| Starting current ratio | 7,5          | Balance grade           | Normal        |
| Winding protection     | Thermistors  | Inertia kgm2            | 0,0725        |
|                        |              | Cable entries           | 2xM40 + 1xM16 |
| Note                   | IE2          |                         |               |



| D  | E   | F  | G  | GA | DH  | M   | N   | P   | S    | T | AC  | HD  | LA | LD  | L   |
|----|-----|----|----|----|-----|-----|-----|-----|------|---|-----|-----|----|-----|-----|
| 42 | 110 | 12 | 37 | 45 | M16 | 300 | 250 | 350 | 18.5 | 5 | 315 | 424 | 15 | 146 | 658 |