

# ME160L-2 18,5KW 230/400V B5

## Three-phase asynchronous motor in aluminum

Motor type ME160L-2 18,5KW 230/400V B5  
Brand BUSCK  
Item number 83A21622

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 230       | 18,5     | 50           | 56,2      | 2940      |
| 400       | 18,5     | 50           | 32,3      | 2940      |
| 460       | 21,28    | 60           | 32,3      | 3528      |

|                        |              |                         |               |
|------------------------|--------------|-------------------------|---------------|
| Duty                   | S1           | Efficiency class        | IE2           |
| Enclosure              | IP55         | Efficiency, load 100%   | 90,9          |
| Insulation class       | F            | Efficiency, load 75%    | 91,4          |
| Cooling                | IC411 (TEFC) | Efficiency, load 50%    | 90,8          |
| 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               | 104           |
| Torque, Nm             | 60           | Sound pressure Lp dB(A) | 86            |
| Starting torque ratio  | 3            | Bearing DE              | 6309-2Z/C3    |
| Pull out torque ratio  | 3,5          | Bearing NDE             | 6309-2Z/C3    |
| Starting current ratio | 9            | Balance grade           | Normal        |
| Winding protection     | Thermistors  | Inertia kgm2            | 0,066         |
|                        |              | Cable entries           | 2xM32 + 1xM16 |
| Note                   | IE2          |                         |               |

