

# ML90S-2 1,5KW 230V B35

## Single-phase asynchronous motor in aluminum

Motor type ML90S-2 1,5KW 230V B35  
Brand BUSCK  
Item number 23020904

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 230       | 1,5      | 50           | 8,24      | 2860      |

|                        |              |                          |            |
|------------------------|--------------|--------------------------|------------|
| Duty                   | S1           | Efficiency, load 100%    | 80         |
| Enclosure              | IP55         | Power fact, load 100%    | 0,99       |
| Insulation class       | F            | Painting                 | Standard   |
| Cooling                | IC411 (TEFC) | Color                    | RAL 9005   |
| Max. ambient temp.     | 40°C         | Weight kg                | 13,8       |
| Min. ambient temp.     | -20°C        | Sound pressure Lp dB(A)  | 80         |
| Max. temp. rise        | 80 K         | Bearing DE               | 6205-2Z/C3 |
| Max altitude, masl     | 1000         | Bearing NDE              | 6205-2Z/C3 |
| Torque, Nm             | 5,01         | Balance grade            | Normal     |
| Starting torque ratio  | 2,5          | Inertia kgm <sup>2</sup> | 0,001512   |
| Pull up torque ratio   | 1,5          | Cable entries            | 1xM20      |
| Pull out torque ratio  | 1,8          | Run capacitor, uF        | 40         |
| Starting current ratio | 6,6          | Start Capacitor, uF      | 200        |

