

# MS160M-6 7,5KW 400/690V B34

## Three-phase asynchronous motor in aluminum

Motor type MS160M-6 7,5KW 400/690V B34  
Brand BUSCK  
Item number 03061605AL

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 230       | 7,5      | 50           | 29,0      | 965       |
| 400       | 7,5      | 50           | 16,7      | 965       |
| 460       | 8,63     | 60           | 16,7      | 1158      |

|                        |              |                          |               |
|------------------------|--------------|--------------------------|---------------|
| Duty                   | S1           | Efficiency class         | IE1           |
| Enclosure              | IP55         | Efficiency, load 100%    | 86,8          |
| Insulation class       | F            | Efficiency, load 75%     | 87,6          |
| Cooling                | IC411 (TEFC) | Efficiency, load 50%     | 86,7          |
| Max. ambient temp.     | 40°C         | Power fact, load 100%    | 0,75          |
| Min. ambient temp.     | -20°C        |                          |               |
| Max. temp. rise        | 80 K         | Painting                 | Standard      |
| Max altitude, masl     | 1000         | Color                    | RAL 9005      |
|                        |              | Weight kg                | 66            |
| Torque, Nm             | 73,8         | Sound pressure Lp dB(A)  | 68            |
| Starting torque ratio  | 2,1          | Bearing DE               | 6309-2Z/C3    |
| Pull up torque ratio   | 1,65         | Bearing NDE              | 6309-2Z/C3    |
| Pull out torque ratio  | 2,7          | Balance grade            | Normal        |
| Starting current ratio | 6,1          | Inertia kgm <sup>2</sup> | 0,084476      |
|                        |              | Cable entries            | 2xM32 + 1xM16 |

