

# MS112M-2 4KW 400/690V B5 ATEX ZON 2/22

## Three-phase asynchronous motor in aluminum

Motor type MS112M-2 4KW 400/690V B5 ATEX ZON 2/22  
Brand BUSCK  
Item number Q3021122

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 400       | 4        | 50           | 7,88      | 2880      |
| 690       | 4        | 50           | 4,53      | 2880      |
| 460       | 4,6      | 60           | 7,88      | 3456      |

|                        |              |                          |                         |
|------------------------|--------------|--------------------------|-------------------------|
| Duty                   | S1           | Efficiency class         | IE1                     |
| Enclosure              | IP65         | Efficiency, load 100%    | 84,2                    |
| Insulation class       | F            | Power fact, load 100%    | 0,87                    |
| Cooling                | IC411 (TEFC) | Painting                 | Standard                |
| Max. ambient temp.     | 40°C         | Color                    | RAL 9005                |
| Min. ambient temp.     | -20°C        | Weight kg                | 26                      |
| Max. temp. rise        | 80 K         | Sound pressure Lp dB(A)  | 77                      |
| Max altitude, masl     | 1000         | Bearing DE               | 6306-2Z/C3              |
|                        |              | Bearing NDE              | 6206-2Z/C3              |
| Torque, Nm             | 13,26        | Balance grade            | Normal                  |
| Starting torque ratio  | 2,2          | Inertia kgm <sup>2</sup> | 0,0054                  |
| Pull up torque ratio   | 1,4          | Cable entries            | Metal cable gland 2xM25 |
| Pull out torque ratio  | 2,3          |                          |                         |
| Starting current ratio | 7,5          |                          |                         |

Note ATEX II 3 D Ex tc IIIC T125°C Dc ZONE 22  
ATEX II 3 G Ex nA IIC T4 Gc ZONE 2  
IP65, Termistorer

