

# MS90S-2 1,5KW 230/400V B3 ATEX ZON 2/22

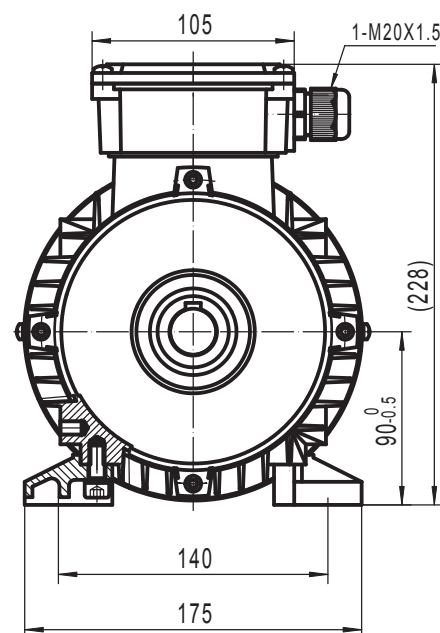
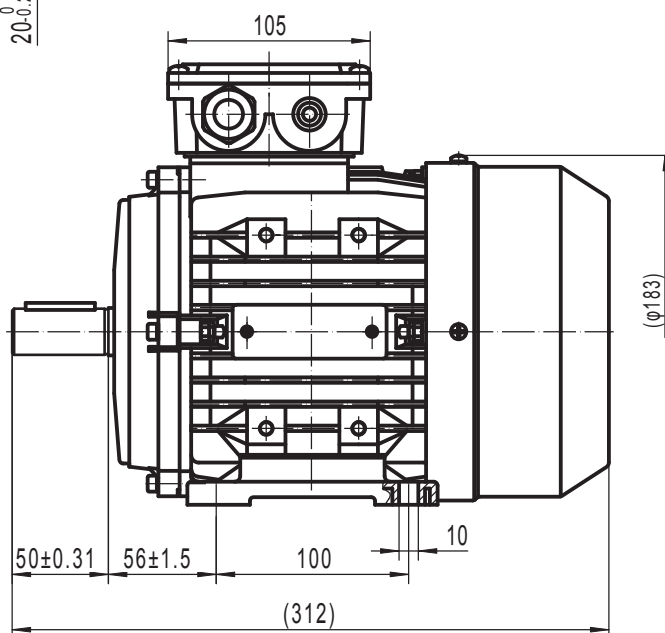
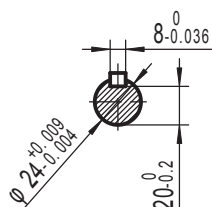
## Three-phase asynchronous motor in aluminum

Motor type MS90S-2 1,5KW 230/400V B3 ATEX ZON 2/22  
Brand BUSCK  
Item number Q3020901

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 230       | 1,5      | 50           | 5,7       | 2840      |
| 400       | 1,5      | 50           | 3,28      | 2840      |
| 460       | 1,73     | 60           | 3,28      | 3408      |

|                        |              |                          |                         |
|------------------------|--------------|--------------------------|-------------------------|
| Duty                   | S1           | Efficiency class         | IE1                     |
| Enclosure              | IP65         | Efficiency, load 100%    | 78,5                    |
| Insulation class       | F            | Power fact, load 100%    | 0,84                    |
| Cooling                | IC411 (TEFC) | Painting                 | Standard                |
| Max. ambient temp.     | 40°C         | Color                    | RAL 9005                |
| Min. ambient temp.     | -20°C        | Weight kg                | 12                      |
| Max. temp. rise        | 80 K         | Sound pressure Lp dB(A)  | 72                      |
| Max altitude, masl     | 1000         | Bearing DE               | 6205-2Z/C3              |
|                        |              | Bearing NDE              | 6205-2Z/C3              |
| Torque, Nm             | 5,04         | Balance grade            | Normal                  |
| Starting torque ratio  | 2,2          | Inertia kgm <sup>2</sup> | 0,0014                  |
| Pull up torque ratio   | 1,5          | Cable entries            | Metal cable gland 1xM20 |
| Pull out torque ratio  | 2,4          |                          |                         |
| Starting current ratio | 6            |                          |                         |

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



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