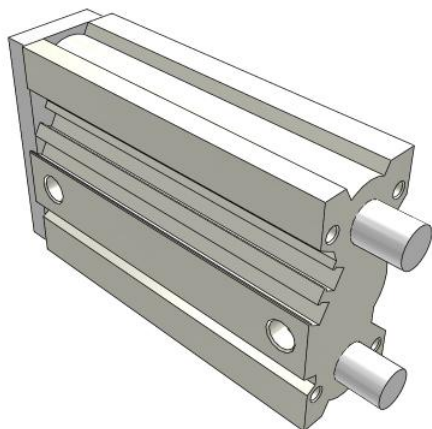




## MGQM (ø12 to ø32), Compact Guide Cylinder, Slide Bearing MGQM20-75

### Datasheet

### General series information

- Compact guide cylinder
- Bore sizes: 12, 16, 20, 25, 32 (mm)
- Strokes from 10mm through 200mm depending upon bore size
- Variety of switches and a variety of lead wire lengths.



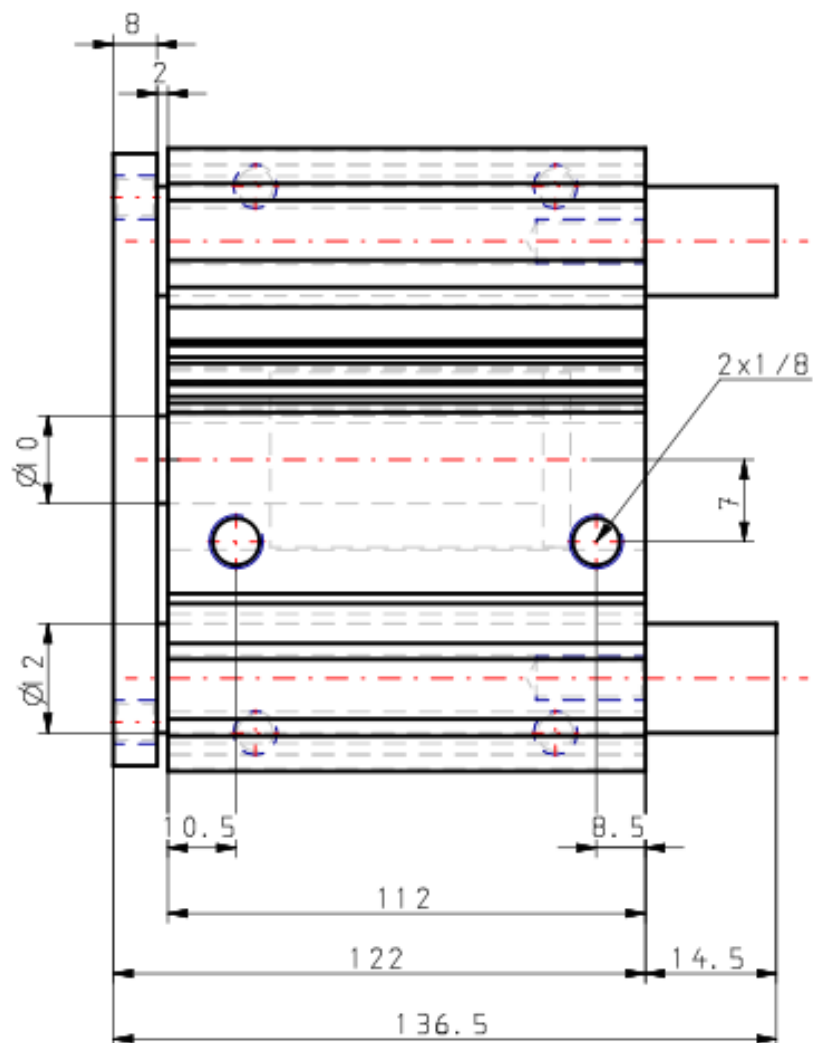
Double-acting, single-rod cylinder

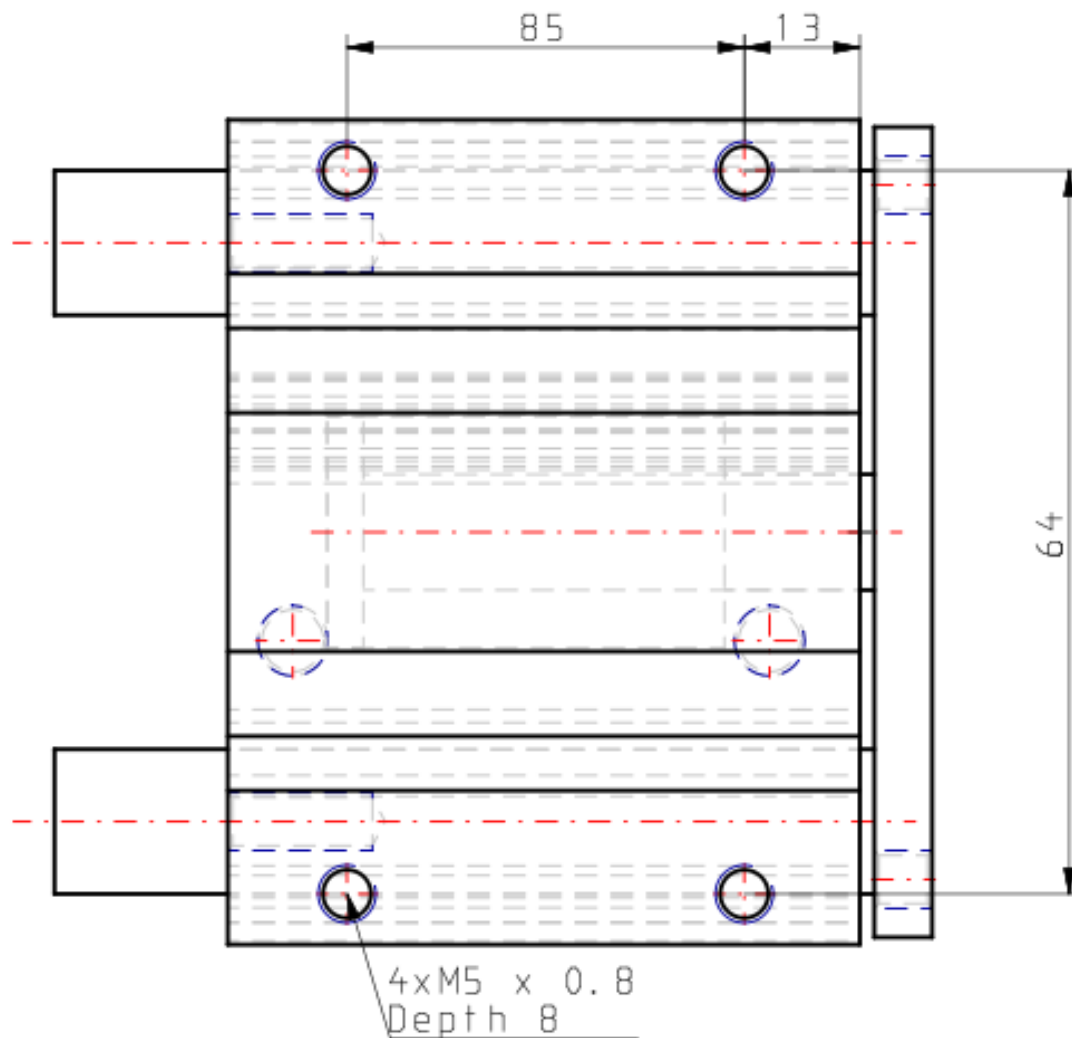
### Standard specifications

|                                        |                                           |
|----------------------------------------|-------------------------------------------|
| Bore Size                              | 20 mm                                     |
| Thread Type                            | Metric (Bore ø12 to ø16) & Rc(PT)         |
| Stroke                                 | 75                                        |
| Auto Switch                            | No Switch                                 |
| Lead Wire or Prewired Connector        | 0.5m (Or None in the Case of No Switch)   |
| Number                                 | 2 pcs. (Or None in the Case of No Switch) |
| Rod End Options                        | None                                      |
| Temperature Resistance                 | None                                      |
| Low Speed                              | None                                      |
| Fluororubber Seal                      | None                                      |
| Pressure medium                        | Air                                       |
| Maximum temperature of pressure medium | 60 °C                                     |
| Minimum temperature of pressure medium | -10 °C (No freezing)                      |
| Maximum operating pressure             | 1.0 MPa                                   |
| Minimum operating pressure             | 0.1 MPa                                   |
| Proof pressure                         | 1.5 MPa                                   |
| Maximum ambient temperature            | 60 °C                                     |
| Minimum ambient temperature            | -10 °C (No freezing)                      |
| Number of pneumatic connections        | 2 pcs.                                    |

|                                                         |                            |
|---------------------------------------------------------|----------------------------|
| Pneumatic input connection                              | Rc 1/8                     |
| Mode of operation of drive                              | Double acting              |
| Theoretical cylinder force, advance stroke (at 0.5 MPa) | 157 N                      |
| Theoretical cylinder force, return stroke (at 0.5 MPa)  | 118 N                      |
| Maximum piston speed                                    | 500 mm/s                   |
| Type of cushioning                                      | Rubber bumper on both ends |
| Minimum piston speed                                    | 50 mm/s                    |
| Non-rotating accuracy of plate                          | $\pm 0.07^\circ$           |
| Lubrication                                             | Non-lube                   |
| Weight                                                  | 0.960 Kg                   |

## Dimensions





## Additional information

Catalogue

[MGQ\\_EU.pdf](#)