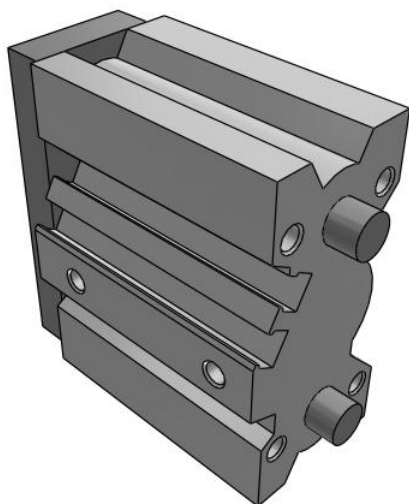


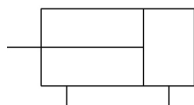


## MGQL (ø12 to ø32), Compact Guide Cylinder, Ball Bushing Bearing MGQL16-20

Datasheet

### General series information

- Compact guide cylinder
- Ball bushing bearing
- Bore sizes: 12, 16, 20, 25, 32 (mm)
- Strokes from 1mm through 200mm depending upon bore size
- Variety of switches and a variety of lead wire lengths.



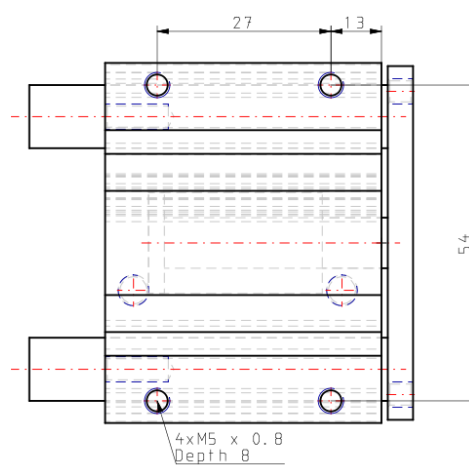
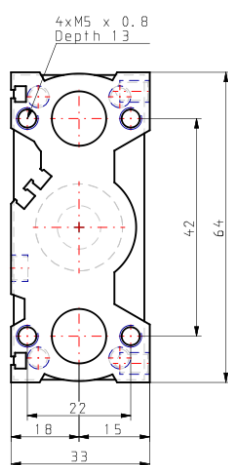
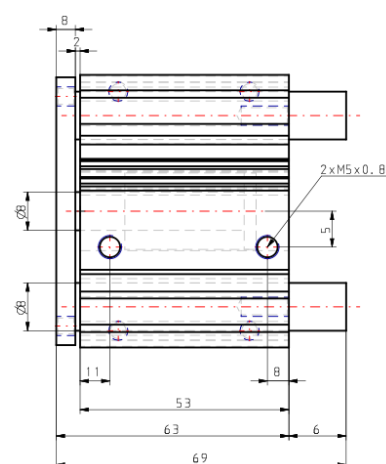
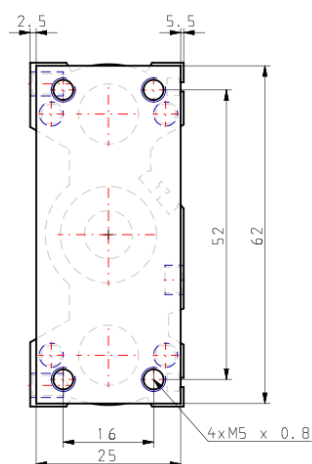
Double-acting, single-rod cylinder

### Standard specifications

|                                                    |                                           |
|----------------------------------------------------|-------------------------------------------|
| Bore Size                                          | 16mm                                      |
| Thread Type                                        | Metric (Bore ø12 to ø16) & Rc(PT)         |
| Stroke                                             | 20                                        |
| 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                                      |
| Pressure medium                                    | Air                                       |
| Maximum temperature of pressure medium             | 60 °C                                     |
| Maximum temperature of pressure medium with magnet | -10 °C (No freezing)                      |
| Maximum operating pressure                         | 1.0 MPa                                   |
| Minimum operating pressure                         | 0.12 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                              | M5 x 0.8                   |
| Mode of operation of drive                              | Double acting              |
| Theoretical cylinder force, advance stroke (at 0.5 MPa) | 101 N                      |
| Theoretical cylinder force, return stroke (at 0.5 MPa)  | 76 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                          | $\pm 0.10^\circ$           |
| Lubrication                                             | Non-lube                   |
| Weight                                                  | 0.390 Kg                   |

## Dimensions



## Additional information

Catalogue

[MGQ\\_EU.pdf](#)