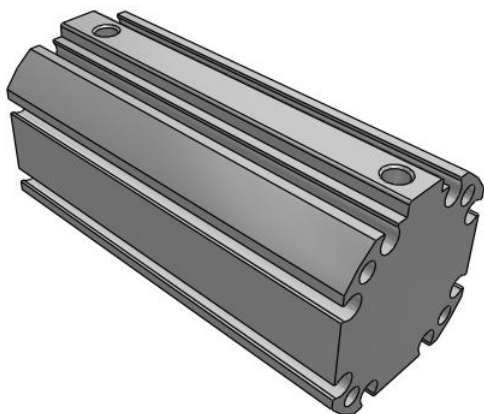




## JC(D)Q, Compact Cylinder, Double Acting Single Rod JCDQ25-50

Datasheet

### General series information

- Double acting, single rod, compact cylinder.
- Lightweight 25 g (ø12 stroke 5).
- Bore sizes (mm): 12 ~ 100.
- Strokes up to 50 mm.
- Bumper cushion.
- Auto switches can be mounted on 4 surfaces.



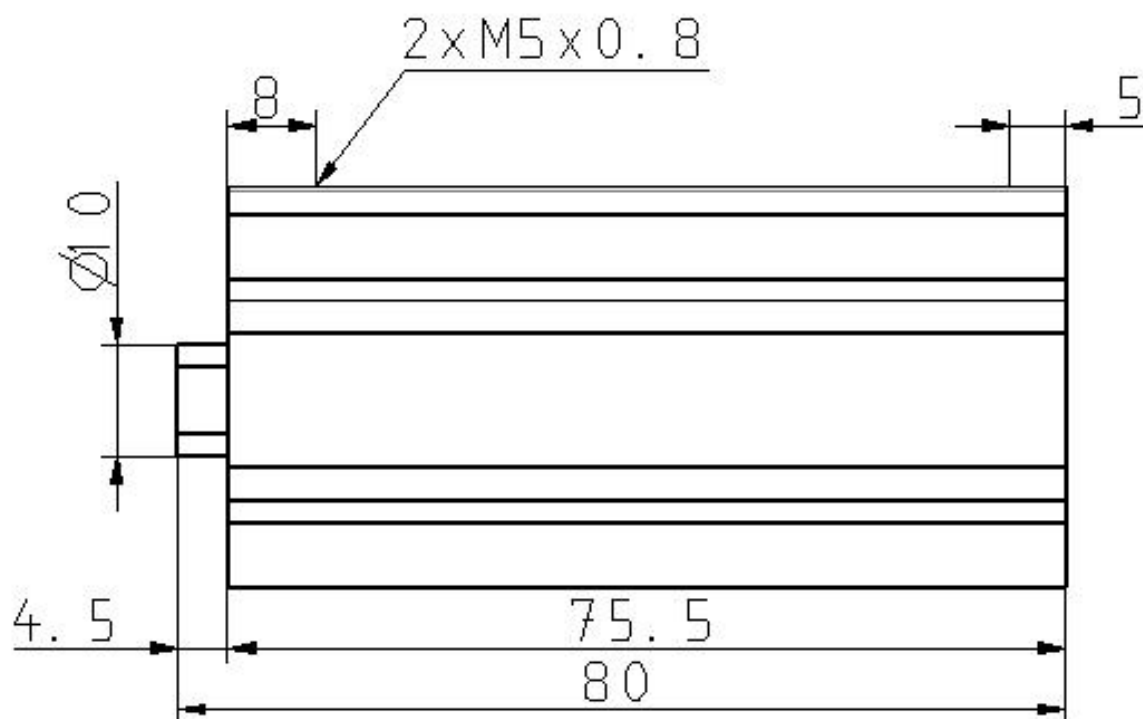
Double-acting, single-rod cylinder

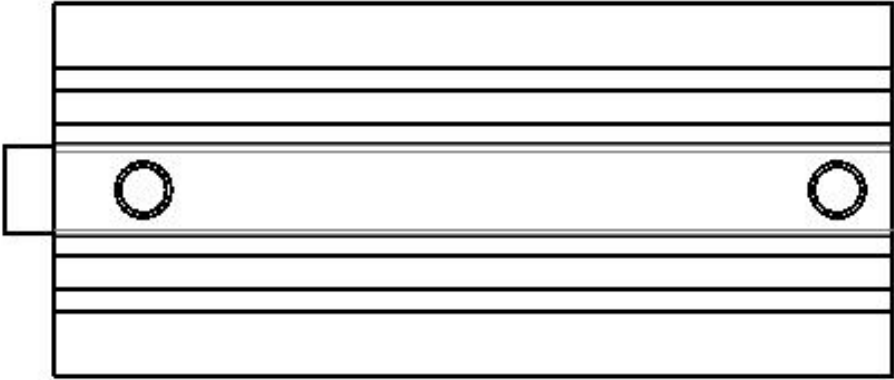
### Standard specifications

|                                        |                                           |
|----------------------------------------|-------------------------------------------|
| Mounting                               | Through-hole (Standard)                   |
| Bore Size                              | 25 mm                                     |
| Stroke                                 | 50 mm                                     |
| 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) |
| Magnet                                 | D (Built-in)                              |
| Auto Switch                            | No Switch                                 |
| Port Thread Type                       | M thread: ø12 to ø40, Rc: 50 to 100       |
| Pressure medium                        | Air                                       |
| Maximum temperature of pressure medium | 60 °C                                     |
| Minimum temperature of pressure medium | 5 °C                                      |
| Maximum operating pressure             | 0.7 MPa                                   |
| Minimum operating pressure             | 0.05 MPa                                  |
| Proof pressure                         | 1.0 MPa                                   |
| Maximum ambient temperature            | 60 °C                                     |
| Minimum ambient temperature            | 5 °C                                      |
| Number of pneumatic connections        | 2 pcs.                                    |

|                                                         |                         |
|---------------------------------------------------------|-------------------------|
| Pneumatic input connection                              | M5 x 0.8                |
| Theoretical cylinder force, advance stroke (at 0.5 MPa) | 245 N                   |
| Theoretical cylinder force, return stroke (at 0.5 MPa)  | 206 N                   |
| Maximum piston speed                                    | 500 mm/s                |
| Type of cushioning                                      | Rubber bumper           |
| Piston rod end                                          | Female thread           |
| Geometric form of the piston rod                        | Single rod              |
| Minimum piston speed                                    | 50 mm/s                 |
| Lubrication                                             | Not required (Non-lube) |
| Weight                                                  | 0.155 Kg                |

## Dimensions





Specifications are subject to change without prior notice and any obligation on the part of the manufacturer.

## Additional information

Catalogue

[JCQ-D\\_EU.pdf](#)