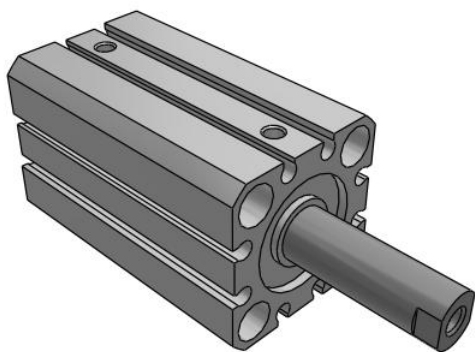




## C(D)QSW, Compact Cylinder, Double Acting, Double Rod CDQSWB25-30D

### Datasheet

### General series information

- Rods at both ends of cylinder
- Bore sizes: 12, 16, 20, 25 (mm)
- Strokes from 5mm through 50mm depending upon bore size
- Mounts: through hole/both ends tapped, foot, flange
- Variety of switches and a variety of lead wire lengths



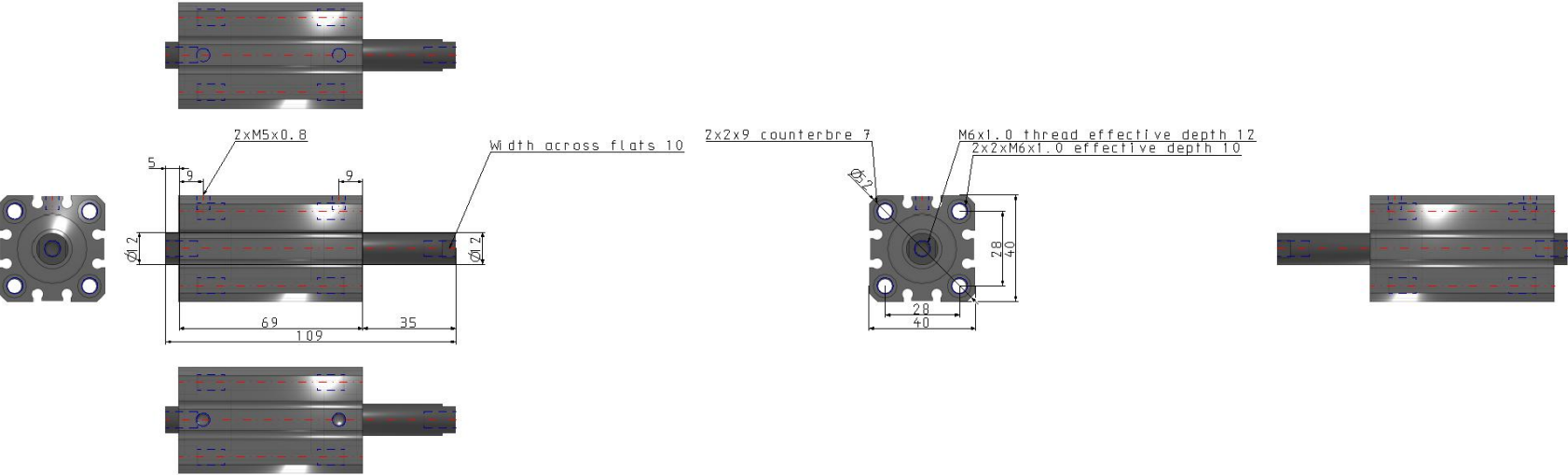
Double-acting cylinder with double piston rod

### Standard specifications

|                                        |                                    |
|----------------------------------------|------------------------------------|
| Magnet                                 | D (Built-in)                       |
| Mounting                               | B (Through Hole, Both Ends Tapped) |
| Bore Size                              | Ø25 mm                             |
| Stroke                                 | 30 mm                              |
| Option                                 | Standard(Rod End Female Thread)    |
| Auto Switch                            | No Switch                          |
| Lead Wire or Prewired Connector        | 0.5 m                              |
| Number                                 | 2 pcs.                             |
| Rod End Options                        | None                               |
| Pressure medium                        | Air                                |
| Maximum temperature of pressure medium | 60 °C                              |
| Minimum temperature of pressure medium | -10 °C                             |
| Maximum operating pressure             | 1.0 MPa                            |
| Minimum operating pressure             | 0.05 MPa                           |
| Proof pressure                         | 1.5 MPa                            |
| Maximum ambient temperature            | 60 °C                              |
| Minimum ambient temperature            | -10 °C                             |
| Number of pneumatic connections        | 2 pcs.                             |

|                                                         |                  |
|---------------------------------------------------------|------------------|
| Pneumatic input connection                              | M5               |
| Mode of operation of drive                              | Double acting    |
| Theoretical cylinder force, advance stroke (at 0.5 MPa) | 189 N            |
| Theoretical cylinder force, return stroke (at 0.5 MPa)  | 189 N            |
| Maximum piston speed                                    | 500 mm/s         |
| Piston rod end                                          | Internal thread  |
| Geometric form of the piston rod                        | Round piston rod |
| Female thread of rod end                                | M6               |
| Minimum piston speed                                    | 50 mm/s          |
| Lubrication                                             | Non-lube         |

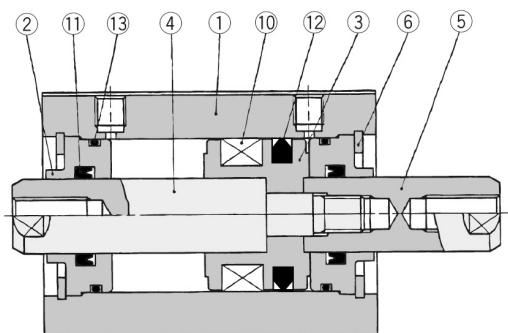
Dimensions



## Constructions

### Construction

With auto switch (Built-in magnet)  
 ø20, 25



#### Component Parts

| No. | Description   | Material                | Note              |
|-----|---------------|-------------------------|-------------------|
| 1   | Cylinder tube | Aluminium alloy         | Hard anodised     |
| 2   | Collar        | Aluminium bearing alloy | Anodised          |
| 3   | Piston        | Aluminium alloy         | Chromated         |
| 4   | Piston rod A  | Stainless steel         |                   |
| 5   | Piston rod B  | Stainless steel         |                   |
| 6   | Snap ring     | Carbon tool steel       | Phosphate coating |
| 10  | Magnet        | —                       |                   |
| 11  | Rod seal      | NBR                     |                   |
| 12  | Piston seal   | NBR                     |                   |
| 13  | Tube gasket   | NBR                     |                   |

## Additional information

Catalogue

[CQS\\_EU.pdf](#)