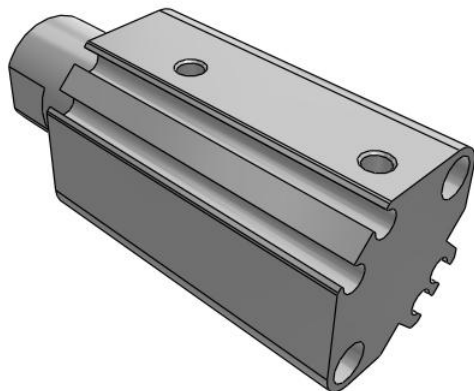
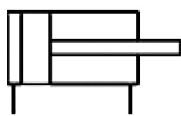




## RS(D)Q-Z, Stopper Cylinder, Fixed Mounting Height RSDQB16-15DZ

### Datasheet

- Fixed Height Stopper Cylinder, Double / Single Acting
- Bore sizes (mm): 16, 20, 32, 40, 50
- Strokes up to 30 mm
- 10 rod end configurations available
- Compact auto switch mountable on 4 surfaces.



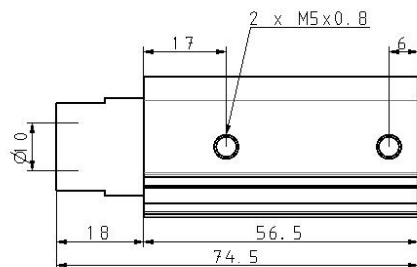
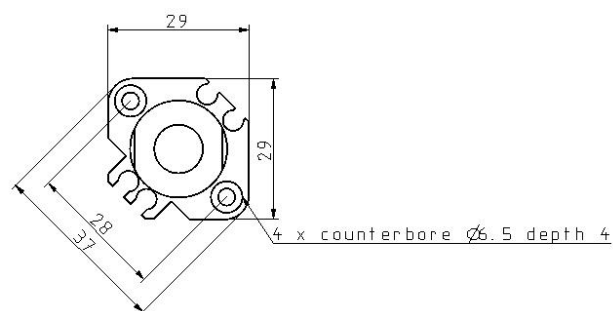
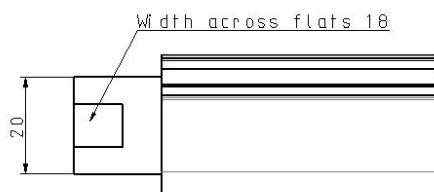
Double acting cylinders

### Standard specifications

|                                         |                                           |
|-----------------------------------------|-------------------------------------------|
| Magnet                                  | D (Built-in)                              |
| Mounting                                | B (Through Hole, Standard)                |
| Bore Size                               | 16mm                                      |
| Port Thread                             | Bore 16: M Thread; Bore 20 to 50: Rc      |
| Stroke                                  | 15mm                                      |
| Action                                  | D (Double Acting)                         |
| Rod End                                 | Round Bar Style                           |
| Mounting Bolt                           | None                                      |
| 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) |
| Made to Order                           | None                                      |
| Pressure medium                         | Air                                       |
| Maximum operating pressure              | 1.0 MPa                                   |
| Proof pressure                          | 1.5 MPa                                   |
| Maximum ambient temperature with magnet | 60 °C                                     |
| Minimum ambient temperature with magnet | -10 °C                                    |
| Maximum piston speed                    | 500 mm/s                                  |
| Type of cushioning                      | Rubber bumper                             |

|                         |                         |
|-------------------------|-------------------------|
| Minimum piston speed    | 50 mm/s                 |
| Lubrication             | Not required (Non-lube) |
| Stroke length tolerance | +1.4<br>0               |
| Weight                  | 0.140 Kg                |

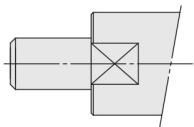
## Dimensions



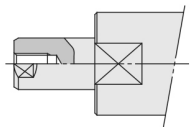
## Constructions

### Rod end configuration:

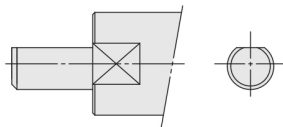
#### Round bar (—)



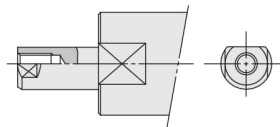
#### Round bar with female thread (F)



#### Chamfered (K)

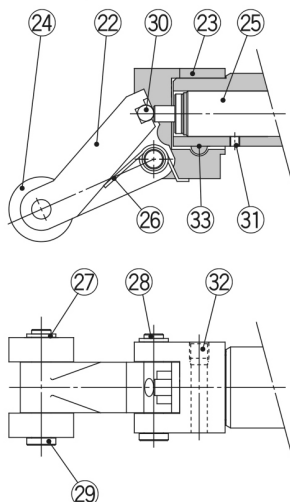


#### Chamfered with female thread (G)



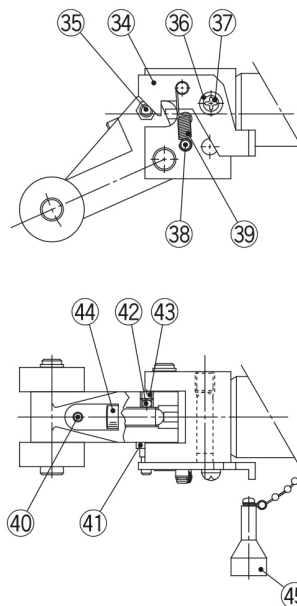
### Lever (Fixed absorber type)

(Ø 32, Ø 40, Ø 50 only)

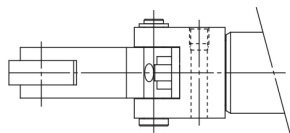


### Lever (Adjustable absorber type)

(Ø 32, Ø 40, Ø 50 only)



Only one roller is provided for Ø 32.



### Component Parts

| No. | Description                   | Material                         |
|-----|-------------------------------|----------------------------------|
| 22  | Lever                         | Cast iron                        |
| 23  | Lever holder                  | Rollled steel                    |
| 24  | Roller B                      | Resin                            |
| 25  | Shock absorber                | —                                |
| 26  | Lever spring                  | Stainless steel wire             |
| 27  | C retaining ring for axis     | Carbon tool steel                |
| 28  | Lever pin                     | Carbon steel                     |
| 29  | Roller pin                    | Carbon steel                     |
| 30  | Steel ball                    | High carbon chrome bearing steel |
| 31  | Hexagon socket head set screw | Chromium molybdenum steel        |
| 32  | Hexagon socket head set screw | Chromium molybdenum steel        |
| 33  | One-side tapered pin          | Carbon steel                     |

| No. | Description                     | Material                  |
|-----|---------------------------------|---------------------------|
| 34  | Bracket                         | Carbon steel              |
| 35  | Pin B                           | Carbon steel              |
| 36  | Spacer                          | Carbon steel              |
| 37  | Cross recessed round head screw | Rollled steel             |
| 38  | Pin A                           | Rollled steel             |
| 39  | Bracket spring                  | Steel wire                |
| 40  | Hexagon socket head set screw   | Chromium molybdenum steel |
| 41  | Spring washer                   | Steel wire                |
| 42  | Urethane ball                   | Urethane                  |
| 43  | Hexagon socket head set screw   | Chromium molybdenum steel |
| 44  | Adjustment bolt                 | Bearing steel             |
| 45  | Cancel cap                      | Aluminium alloy           |

## Additional information

Catalogue

[RSQ-A\\_EU.pdf](#)

Operation manuals

[OM\\_RSQ\\_OM0080EN-Q.pdf](#)