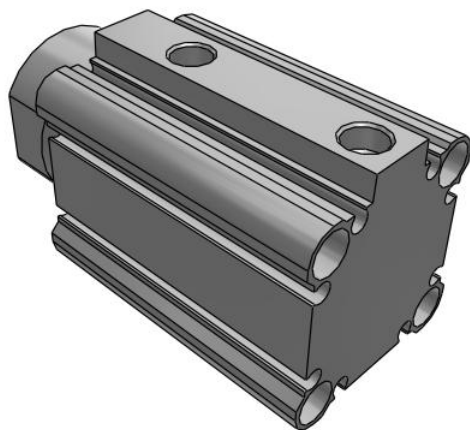




RS(D)Q-Z, Stopper Cylinder, Fixed Mounting Height RSDQB32TF-20BZ

Datasheet

General series information

- 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 cylinder with spring loaded

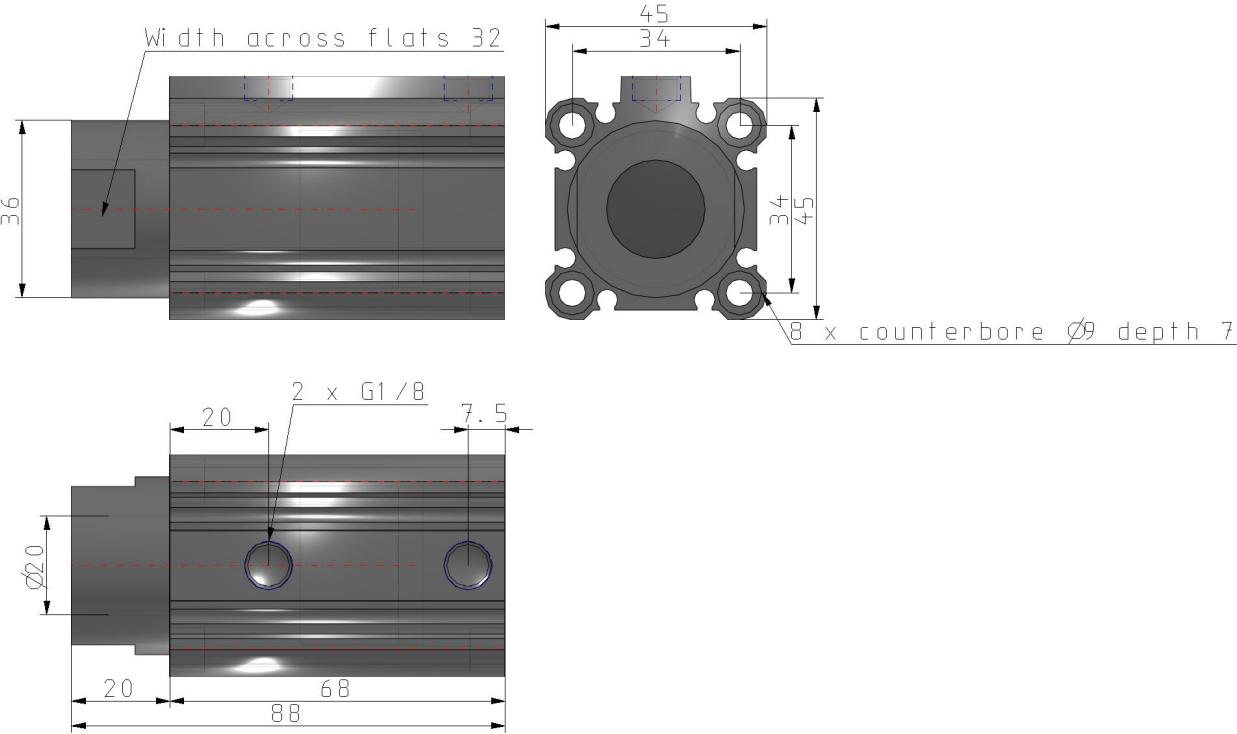
Standard specifications

Magnet	D (Built-in)
Mounting	B (Through Hole, Standard)
Bore Size	32mm
Port Thread	TF (Bore 20: M5 Thread, Bore 32 to 50: G)
Stroke	20mm
Action	B (Double Acting/Spring Loaded)
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 0
Weight	0.450 Kg

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

Dimensions



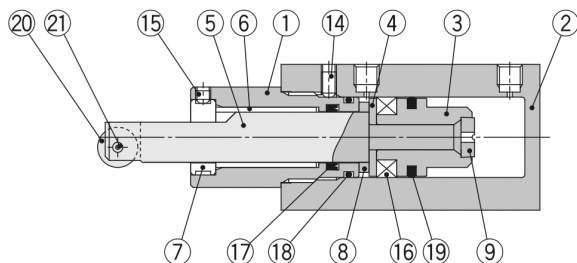
Specifications are subject to change without prior notice and any obligation on the part of the manufacturer.

Constructions

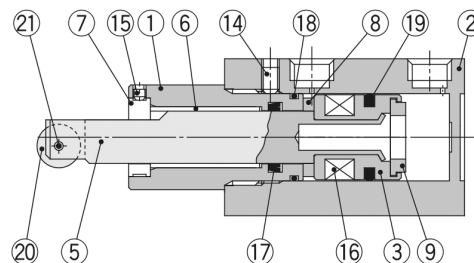
Double acting (D)

Rod end configuration: Roller (R)

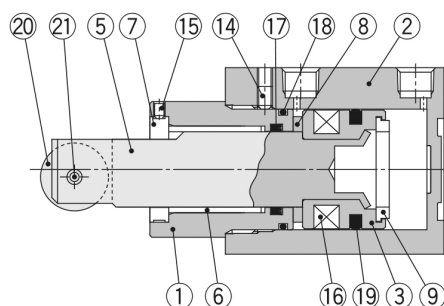
Ø 16



Ø 20

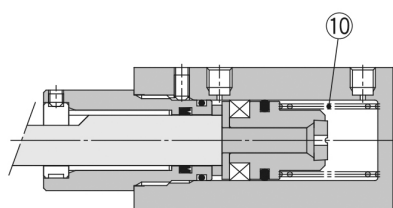


Ø 32, Ø 40, Ø 50

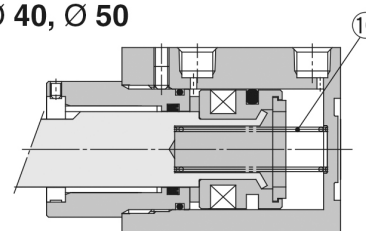


Double acting with spring loaded (B)

Ø 16

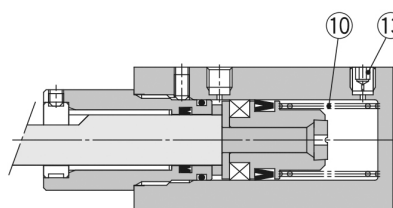


Ø 20, Ø 32, Ø 40, Ø 50

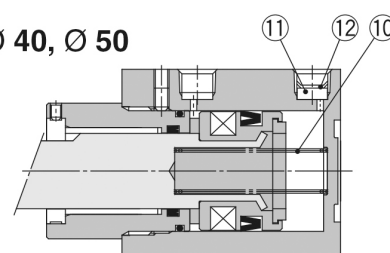


Single acting / spring extend (T)

Ø 16



Ø 20, Ø 32, Ø 40, Ø 50



Component Parts

No.	Description	Material	Note
1	Rod cover	Aluminium alloy	Anodised
2	Cylinder tube	Aluminium alloy	Hard anodised
3	Piston	Aluminium alloy	
4	Spacer for switch	Aluminium alloy	Ø 16 only
5	Piston rod	Ø 16, Ø 20: Stainless steel Ø 32, Ø 40, Ø 50: Carbon steel	Hard chrome plating
6	Bushing	Bearing alloy	
7	Non-rotating guide	Rolled steel	Non-rotating type only Excluding the round bar type rod end
8	Bumper A	Urethane	
9	Bumper B	Urethane	
10	Return spring	Steel wire	Zinc chromated (Excluding double acting)

No.	Description	Material	Note
11	Element	Sintered metallic BC	Ø 20 to Ø 50 only (Single acting only)
12	Retaining ring	Carbon tool steel	Ø 20 to Ø 50 only (Single acting only)
13	Plug with fixed orifice	Alloy steel	Ø 16 only (Single acting only)
14	Hexagon socket head set screw	Chromium molybdenum steel	
15	Hexagon socket head set screw	Chromium molybdenum steel	Non-rotating type only Excluding the round bar type rod end
16	Magnet	—	
17	Rod seal	NBR	
18	Gasket	NBR	
19	Piston seal	NBR	
20	Roller A	Resin	
21	Spring pin	Carbon tool steel	

Additional information

Catalogue	RSQ-A_EU.pdf
Operation manuals	OM_RSQ_OM0080EN-Q.pdf