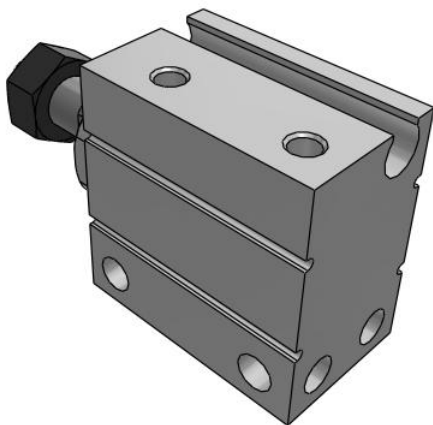




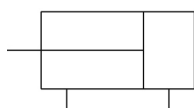
C(D)UJ, Miniature Free Mount Cylinder

CDUJB10-4DM

Datasheet

General series information

- Miniature free mount
- Space saving compact cylinder
- Available in 4mm to 20mm bore size.



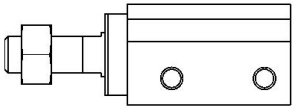
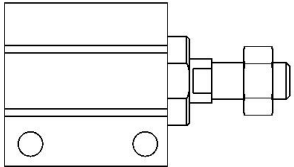
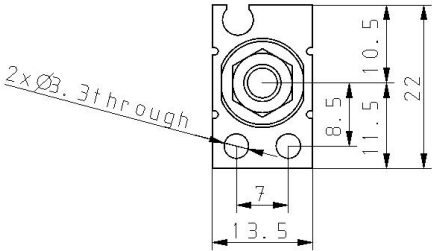
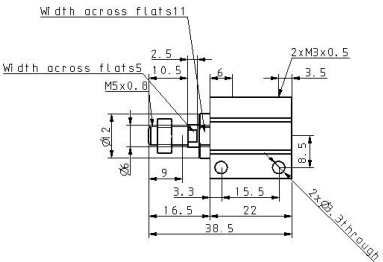
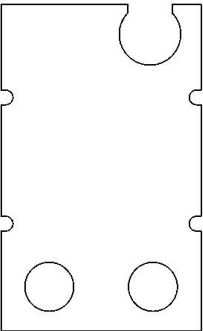
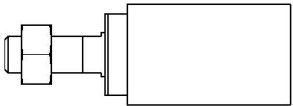
Double-acting, single-rod cylinder

Standard specifications

Bore Size	10
Stroke	4 mm
Action	D (Double Acting)
Rod End Thread	M (Rod End Male Thread)
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 Magnet)
Mounting Direction	B (Lateral Mounting)
Auto Switch	No Switch
Clean Series	Without Clean Series
Pressure medium	Air
Maximum operating pressure	0.7 MPa
Minimum operating pressure	0.1 MPa
Proof pressure	1.05 MPa
Theoretical cylinder force, advance stroke (at 0.5 MPa)	39.26 N
Theoretical cylinder force, return stroke (at 0.5 MPa)	25.13 N
Malethread of rod end	Male Thread
Ambient and fluid temperature	-10 to 70 °C
Stroke length tolerance	0 - +0.5
F449 - Rod_end_thread_tolerance	JIS class 2

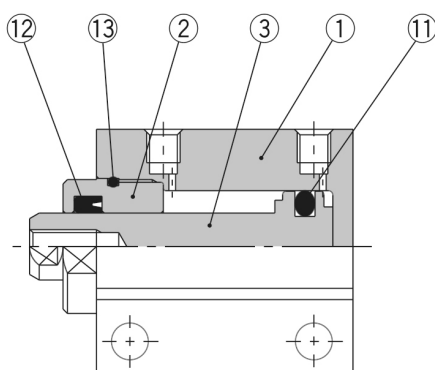
F450 - Mounting	Through-hole
Piston speed	50 - 500 mm/s
Weight	0.023 Kg

Dimensions

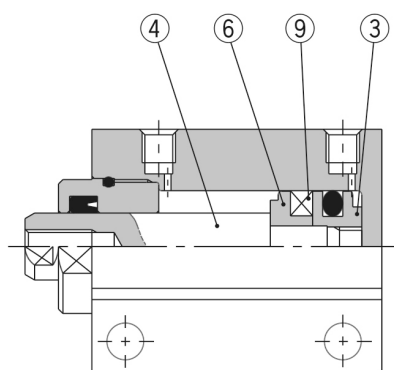


Constructions

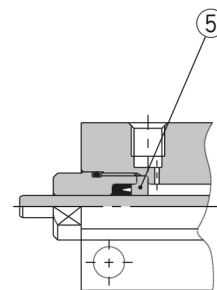
Double Acting



Without magnet



Built-in magnet



Ø 4

Component Parts

No.	Description	Material	Note
1	Cylinder tube	Aluminum alloy	Hard anodized
2	Rod cover	Copper alloy	Electroless nickel plated
3	Piston	Without switch	Stainless steel
		With switch	Aluminum alloy
4	Piston rod	Stainless steel	Chromated
5	Seal retainer	Aluminum alloy	Chromated (CUJB4 only)
6	Magnet retainer	Aluminum alloy	Chromated
7	Return spring	Piano wire	
8	Bronze element	Sintered metallic BC	
9	Magnet	—	
10	Rod end nut	Iron	Nickel plated
11	Piston seal	NBR	
12	Rod seal	NBR	
13	Tube gasket	NBR	

Additional information

Catalogue

[CUJ-C_EU.pdf](#)

Operation manuals

[cuj_cuj_-om0001j.pdf](#)