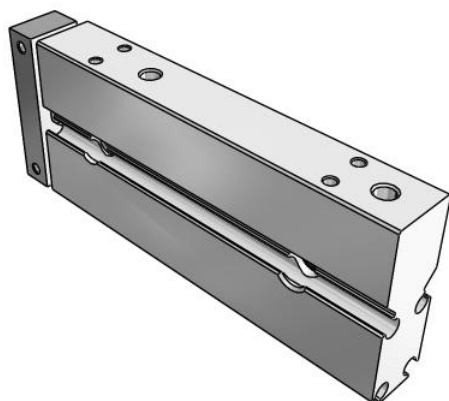


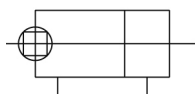


CXSJ, Dual Rod Cylinder, Compact Type

CXSJM10-50

Datasheet

- Dual rod cylinder, compact type
- Slide bearing or ball bushing bearing
- Bore size (mm): 6, 10, 15, 20, 25, 32
- Standard strokes (mm): 10, 20, 30, 40, 50, 75, 100
- Auto switches available
- Made to Order additionally released.



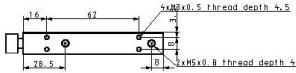
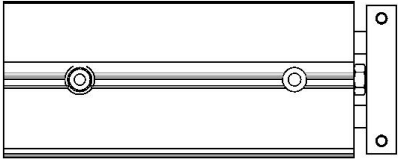
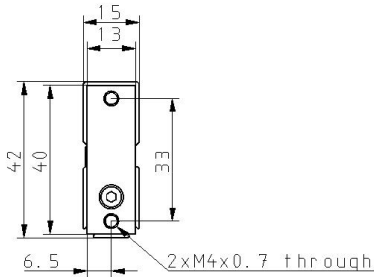
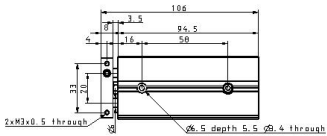
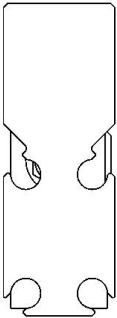
Double-acting cylinder with double non rotating piston rod

Standard specifications

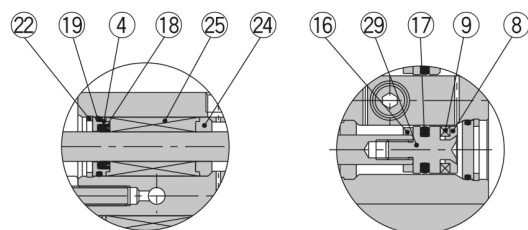
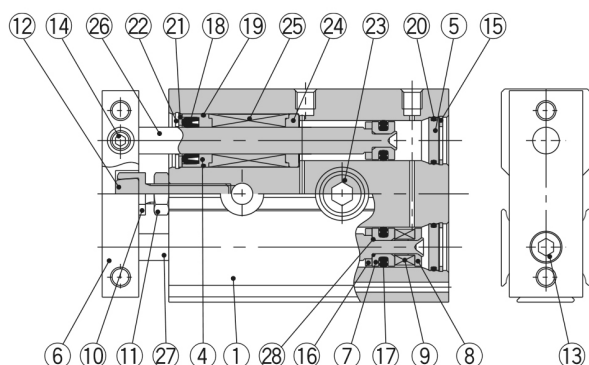
Bearing Style	M (Slide Bearing)
Bore Size	10mm
Thread Type	Rc (or M Thread for 6 to 25 Bore)
Piping	Standard Porting
Stroke	50mm
Auto Switch	No Switch
Lead Wire or Prewired Connector	0.5m [Or None in the Case of No Switch]
Number	2 pcs. [Or None in the Case of No Switch]
Option	None
Maximum operating pressure	0.70 MPa
Minimum operating pressure	0.15 MPa
Proof pressure	1.05 MPa
Number of pneumatic connections	2 pcs.
Pneumatic input connection	M5 x 0.8
Pneumatic output connection	M5 x 0.8
Mode of operation of drive	Double acting
Theoretical cylinder force, advance stroke (at 0.5 MPa)	78 N
Theoretical cylinder force, return stroke (at 0.5 MPa)	50 N

Maximum piston speed	800 mm/s
Type of cushioning	Rubber bumper
Maximum stroke reduction per side	5 mm
Type of stroke reduction	Unilaterally retracted
Tolerance of torsion	0.2°
Port size	M5
Fluid	Air
Ambient and fluid temperature	-10 - 60 °C
Stroke length tolerance	0 - -5 mm
Piston speed	30 - 800 mm/s
Weight	0.180 Kg

Dimensions



Constructions



Rod cover

Piston rod B-side piston

Component Parts: Standard Piping

No.	Description	Material	Note
1	Housing	Aluminium alloy	Hard anodised
2	Piston rod A	Carbon steel (Note)	Hard chromium electroplated
3	Piston rod B	Carbon steel (Note)	Hard chromium electroplated
4	Rod cover	Aluminium bearing alloy	
5	Head cover	Aluminium alloy	anodised
6	Plate	Aluminium alloy	Glossy, self-colouring hard anodised
7	Piston A	Aluminium alloy	Chromated
8	Piston B	Aluminium alloy	Chromated
9	Magnet	Magnetic material	
10	Bumper bolt	Carbon steel	Nickel plated
11	Hexagon nut	Carbon steel	Nickel plated
12	Bumper	Polyurethane	
13	Hexagon socket head cap screw	Chromium steel	Nickel plated
14	Hexagon socket head set screw	Chromium steel	Nickel plated
15	Retaining ring	Special steel	Nickel plated

(Note) Stainless steel for CXSJM6.

No.	Description	Material	Note
16	Bumper B	Polyurethane	
17	Piston seal	NBR	
18	Rod seal	NBR	
19	O-ring	NBR	
20	O-ring	NBR	
21	Seal retainer	Stainless steel	
22	Retaining ring B	Special steel	Nickel plated
23	Bolt holder	Stainless steel	
24	Bearing spacer	Aluminium bearing alloy	
25	Ball bushing	—	
26	Piston rod A	Special steel	Hard chromium electroplated
27	Piston rod B	Special steel	Hard chromium electroplated
28	O-ring	NBR	
29	Piston C	Stainless steel	
30	Bumper holder	Resin	

Additional information

Catalogue

[CXSJ_EU.pdf](#)

Operation manuals

[cxsj_op_man_cxsj-om0002h.pdf](#)