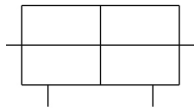


CXSWM, Dual Rod Cylinder, Double Rod, Slide Bearing CXSWM10-20

Datasheet

General series information

- Dual rod cylinder: double rod
- Bore sizes: 6, 10, 15, 20, 25, 32 (mm)
- Strokes from 10mm through 100mm depending upon bore size
- Variety of switches and a variety of lead wire lengths

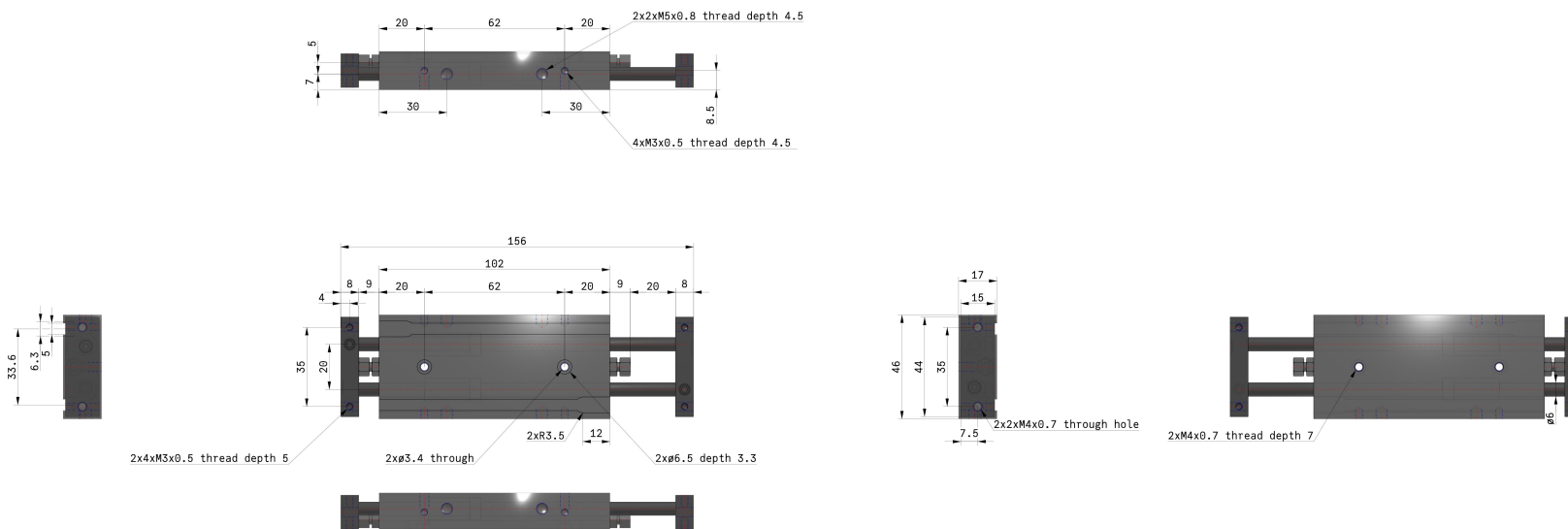


Double-acting cylinder with double piston rod

Standard specifications

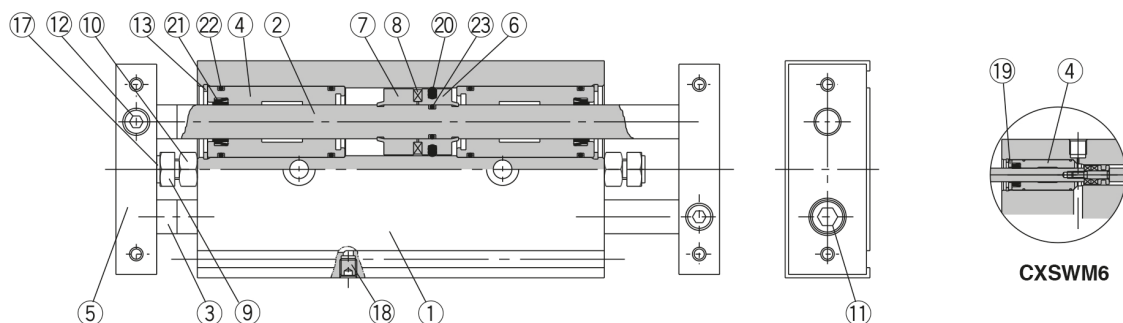
Bore Size	10 mm
Thread	ø6-ø20 Bore: M Thread; ø25,ø32 Bore: Rc 1/8
Stroke	20 mm
Auto Switch	No Switch
Number	2 pcs. [Or None in the Case of No Switch]
Pressure medium	Air (non-lube)
Maximum operating pressure	0.7 MPa
Minimum operating pressure	0.15 MPa
Proof pressure	1.05 MPa
Maximum ambient temperature	60 °C
Minimum ambient temperature	-10 °C
Number of pneumatic connections	2 pcs.
Mode of operation of drive	Double acting
Type of cushioning	Bumper is standard on both sides
Type of stroke reduction	Both sides
Port size	M5
Piston speed	50 - 500 mm/s
Stroke adjustable range	0 to -10mm compared to the standard stroke (Extended end: 5mm; Retracted end: 5mm)

Dimensions



Constructions

CXSWM Slide bearing



Parts list

No.	Description	Material	Note
1	Housing	Aluminum alloy	Hard anodized
2	Piston rod A	Carbon steel	Hard chrome plated
3	Piston rod B	Carbon steel	Hard chrome plated
4	Rod cover/Bearing	Aluminum alloy	
5	Plate	Aluminum alloy	Hard anodized
6	Piston A	Aluminum alloy	Chromated
7	Piston B	Aluminum alloy	Chromated
8	Magnet	Magnetic material	
9	Bumper bolt	Carbon steel	Nickel plated
10	Hexagon nut	Carbon steel	Nickel plated
11	Hexagon socket head cap screw	Chromium steel	Nickel plated
12	Hexagon socket head set screw	Chromium steel	Nickel plated

Note) Piston rod for CXSWL is quenched.

Parts list

No.	Description	Material	Note
13	Snap ring	Special steel	Nickel plated
14	Bumper holder	Synthetic resin	
15	Ball bushing	—	
16	Bearing spacer	Synthetic resin	
17	Bumper	Polyurethane	
18	Plug	Chromium steel	Nickel plated
19	Seal retainer	Aluminum alloy	
20*	Piston seal	NBR	
21*	Rod seal	NBR	
22*	O-ring	NBR	
23	O-ring	NBR	

* Seal kits consist of items 20 through 22, and can be ordered by using the seal kit number corresponding to each bore size. However for CXSWL15, there are two types of O-ring (22). For other sizes, one type of O-ring is available. For CXSWL6, aluminum alloy is used for 16.

Additional information

Catalogue

[CXS_EU.pdf](#)