

C(D)UW, Free Mount Cylinder, Double Rod CDUW16-20D

Datasheet

General series information

- Free mount cylinder, double rod type
- Bore sizes from 6mm to 32mm available
- Stroke lengths up to 50mm
- Space saving
- Auto-switch capable



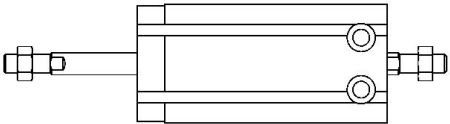
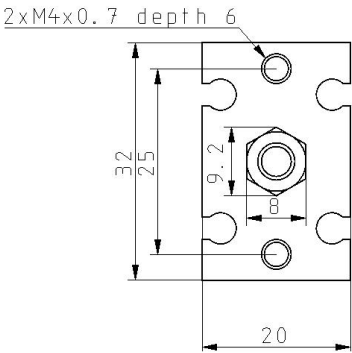
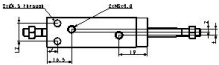
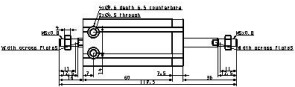
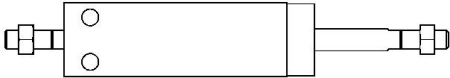
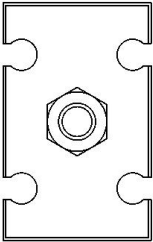
Double-acting cylinder with double piston rod

Standard specifications

Magnet	D (Built-in Magnet)
Bore Size	16 mm
Port Thread	M5x0.8; Rc1/8 for ø32
Stroke	20 mm
Auto Switch	No Switch
Lead Wire or Prewired Connector	0.5 m (Or None in the Case of No Switch)
Number	2 pcs. (Or None in the Case of No Switch)
Maximum operating pressure	0.7 MPa
Minimum operating pressure	0.10 MPa
Proof pressure	1.05 MPa
Theoretical cylinder force, advance stroke (at 0.5 MPa)	86 N
Type of cushioning	Rubber Bumper
Piston rod end	Male Thread
Lubrication	Non-lube
Fluid	Air
Ambient and fluid temperature	-10 - 60 °C
Stroke length tolerance	0+1.0 mm
Thread Tolerance	JIS Class2

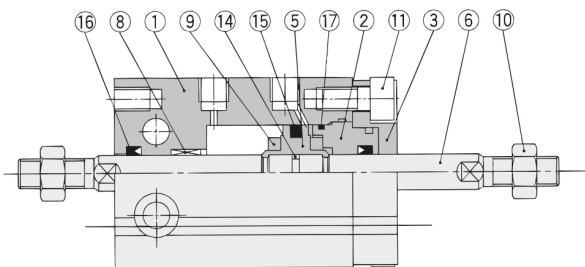
Piston speed	50 - 500 mm/s
Weight	0.113 Kg

Dimensions



Constructions

ø16 to 32 With auto switch



Component Parts

No.	Description	Material	Note
1	Cylinder tube	Aluminum alloy	Hard anodized
2	Rod cover	Aluminum bearing alloy	Chromated
3	Rod cover retainer	Aluminum alloy	Hard anodized
4	Piston	Brass	ø6
5	Piston	Brass	ø6, ø10
		Aluminum alloy	ø16 to ø32, Chromated
6	Piston rod	Stainless steel	
7	Piston rod	Stainless steel	ø6
8	Bushing	Oil-impregnated sintered alloy	

Component Parts

No.	Description	Material	Note
9	Bumper	Urethane	
10	Rod end nut	Carbon steel	Nickel plated
11	Hexagon socket head cap screw	Carbon steel	Nickel plated
12	Magnet	Magnetic material	
13	Auto switch	—	
14	Piston gasket	NBR	
15*	Piston seal		
16*	Rod seal		
17*	Gasket		

Additional information

Catalogue

[CU_B_EU.pdf](#)

Operation manuals

[OM_CU_OM0002EN-A.pdf](#)