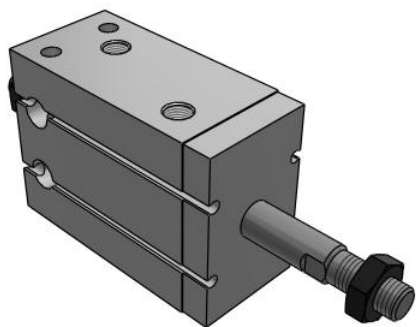




C(D)UW, Free Mount Cylinder, Double Rod CDUW32TF-25D

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

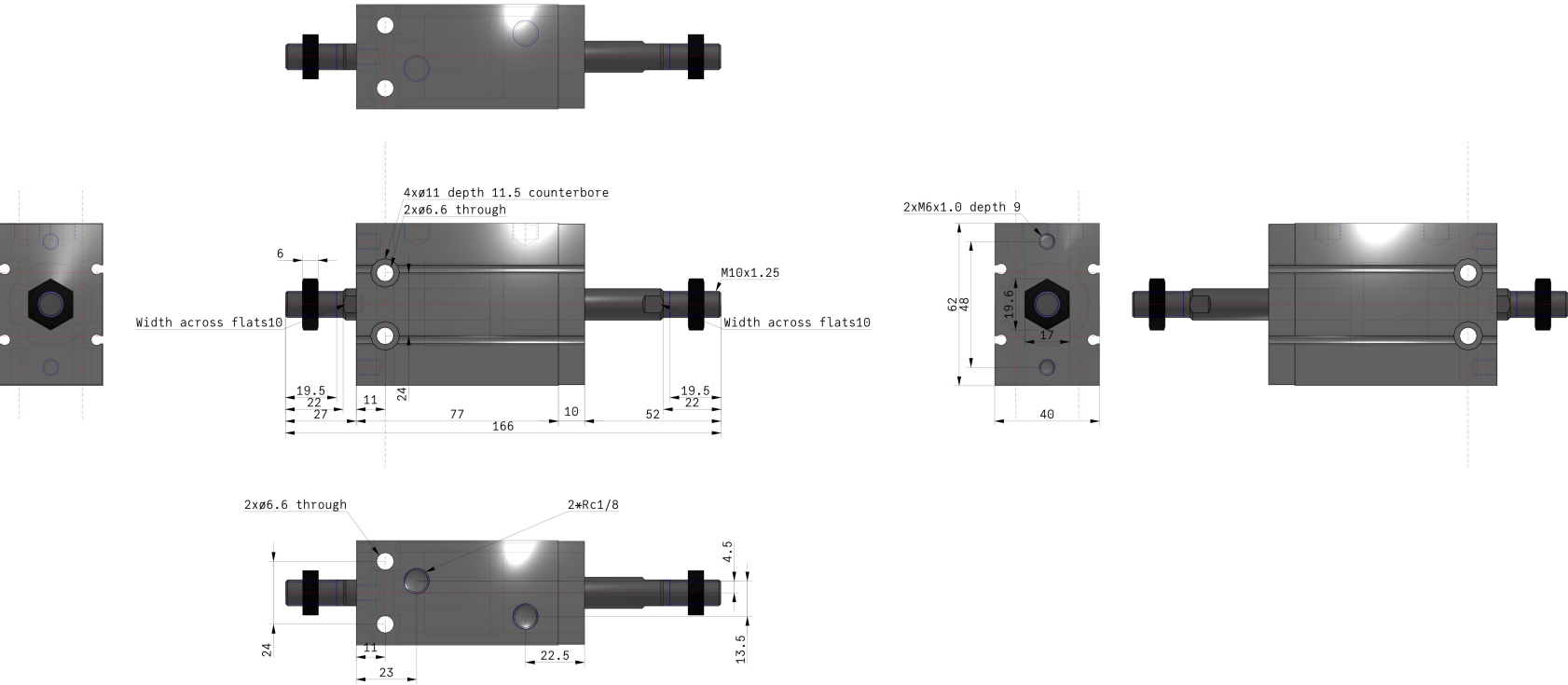
Standard specifications

Magnet	D (Built-in Magnet)
Bore Size	32 mm
Port Thread	TF (G1/8)
Stroke	25 mm
Auto Switch	No Switch
Lead Wire or Pre-wired Connector	0.5 m (Or None in the Case of No Switch)
Number	2 pcs. (Or None in Case of No Switch)
Maximum operating pressure	0.7 MPa
Minimum operating pressure	0.08 MPa
Proof pressure	1.05 MPa
Theoretical cylinder force, advance stroke (at 0.5 MPa)	346 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
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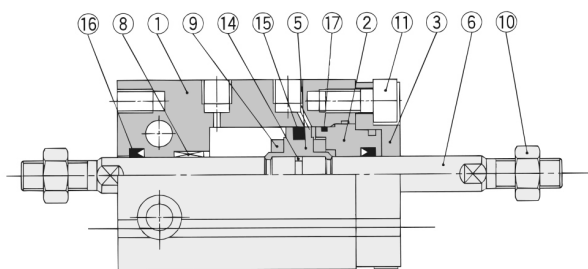
Specifications are subject to change without prior notice and any obligation on the part of the manufacturer.

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
6	Piston rod	Aluminum alloy	ø16 to ø32, Chromated
7	Piston rod	Stainless steel	
8	Bushing	Oil-impregnated sintered alloy	ø6

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](#)