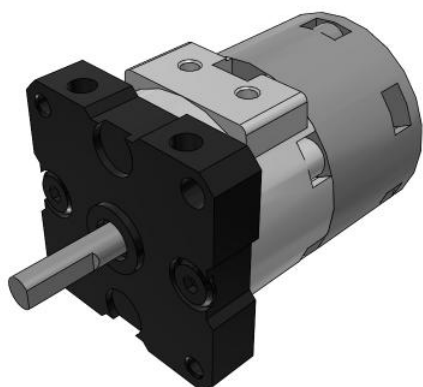


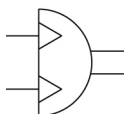


C(D)RBU2*U10~40-Z, Rotary Actuator, Free Mount w/Angle Adjuster, Vane Type CRBU2WU10-180SZ

Datasheet

General series information

- Free mount type.
- With Angle Adjuster.
- 12% weight reduction.
- Possible to move the plate mounting position as desired.
- Many mounting variations.



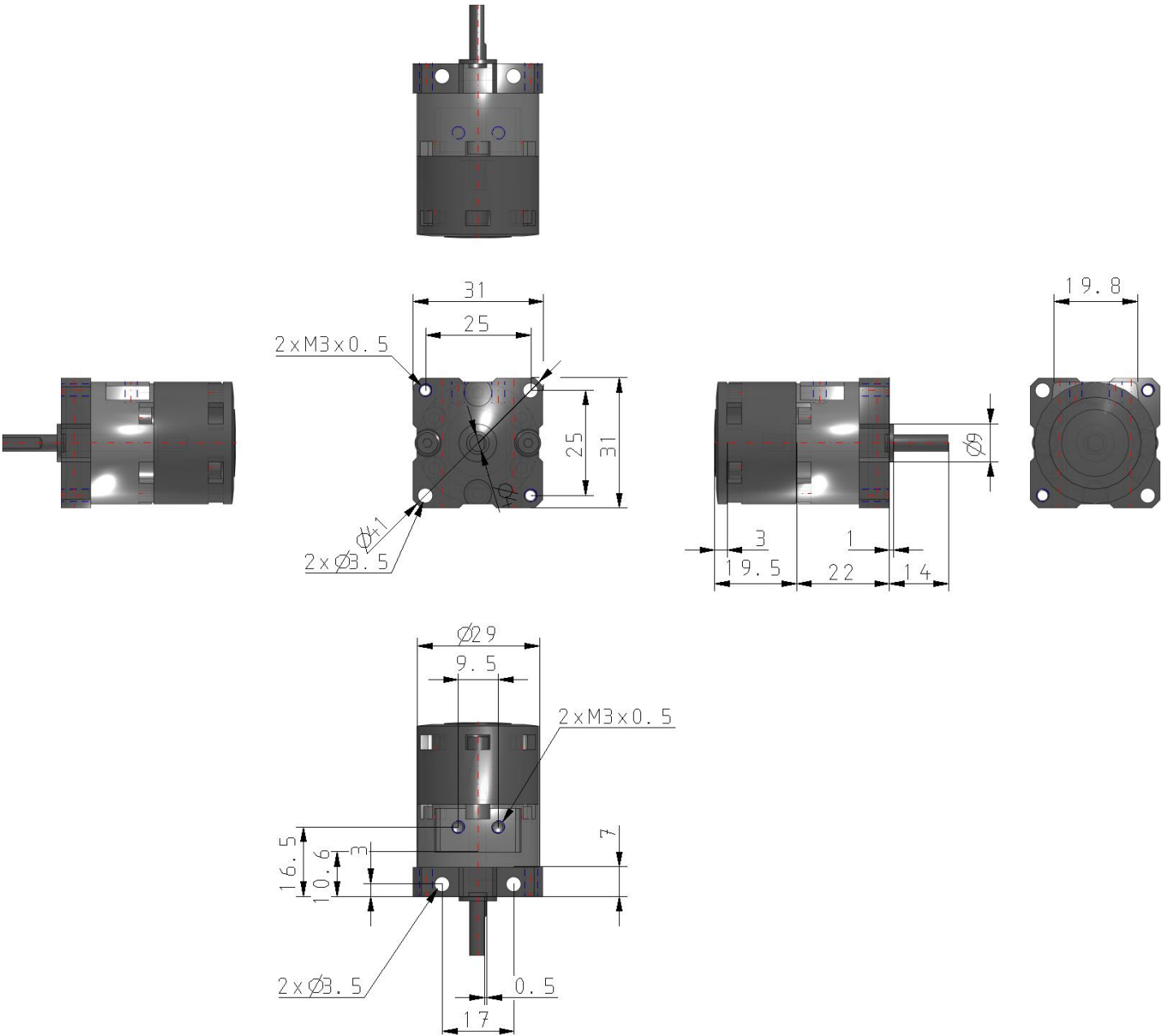
Semi-rotary actuator, double acting

Standard specifications

Magnet	None
Shaft Type	W (Single flat)
Size	10 mm
Rotating Angle	180 (180°)
Vane Type	S (Single Vane)
Auto Switch	No Switch
Electrical Entry/Lead Wire Length	0.5m
Number	2 pcs.
Pressure medium	Air (Non-lube)
Maximum temperature of pressure medium	60 °C
Minimum temperature of pressure medium	5 °C
Maximum operating pressure	0.7 MPa
Minimum operating pressure	0.2 MPa
Proof pressure	1.05 MPa
Maximum ambient temperature	60 °C
Minimum ambient temperature	5 °C
Number of pneumatic connections	2 pcs.
Pneumatic input connection	M3 x 0.5

Pneumatic exhaust connection	M3 x 0.5
Geometric form of the piston rod	Single rod
Rotation time adjustment range s/90°	0.03 to 0.3
Shaft load: Allowable radial load	15 N
F118- Shaft-load-thrust	10 N
Weight	0.056 Kg

Dimensions

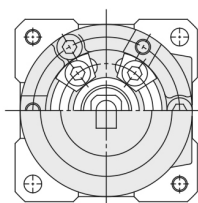


Constructions

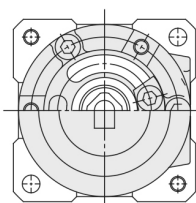
- The unit is common for single vane type and double vane type.

With angle adjuster

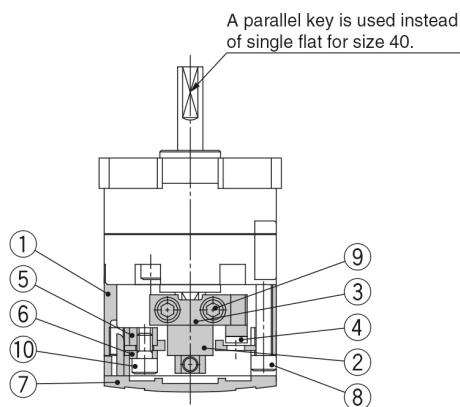
Size: 10, 15, 20, 30, 40



Single vane

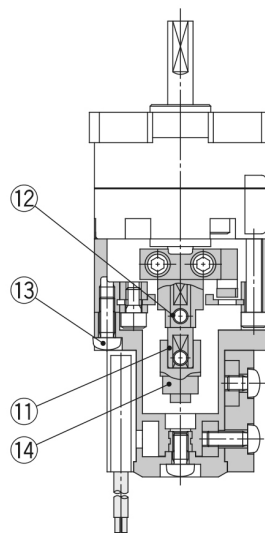


Double vane

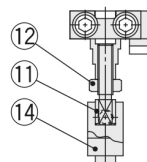


With auto switch and angle adjuster

Size: 10, 15

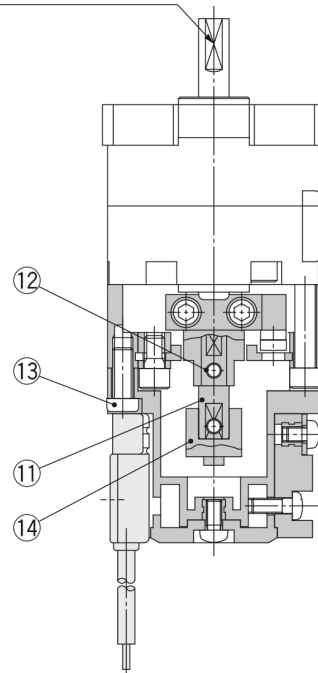


Size: 10



Size: 20, 30, 40

A parallel key is used instead of single flat for size 40.



Component Parts

No.	Description	Material	Note
1	Stopper ring	Aluminium alloy	
2	Stopper lever	Chrome molybdenum steel	
3	Lever retainer	Rolled steel	Zinc chromated
4	Rubber bumper	NBR	
5	Stopper block	Chrome molybdenum steel	Zinc chromated
6	Block retainer	Rolled steel	Zinc chromated
7	Cap	Resin	
8	Hexagon socket head cap screw	Stainless steel	Special screw
9	Hexagon socket head cap screw	Stainless steel	Special screw
10	Hexagon socket head cap screw	Stainless steel	Special screw
11	Joint		
12	Hexagon socket head set screw	Stainless steel	Hexagon nut will be used for size 10 only.
	Hexagon nut	Stainless steel	
13	Cross recessed round head screw	Stainless steel	
14	Magnet lever	—	

Additional information

Catalogue

[CRB2-C_EU.pdf](#)