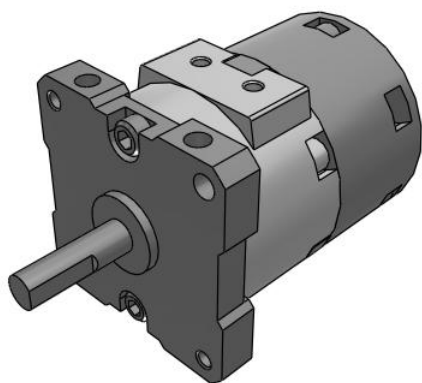
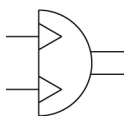




## C(D)RBU2\*U10~40-Z, Rotary Actuator, Free Mount w/Angle Adjuster, Vane Type CRBU2WU15-180SZ

### Datasheet

- 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*

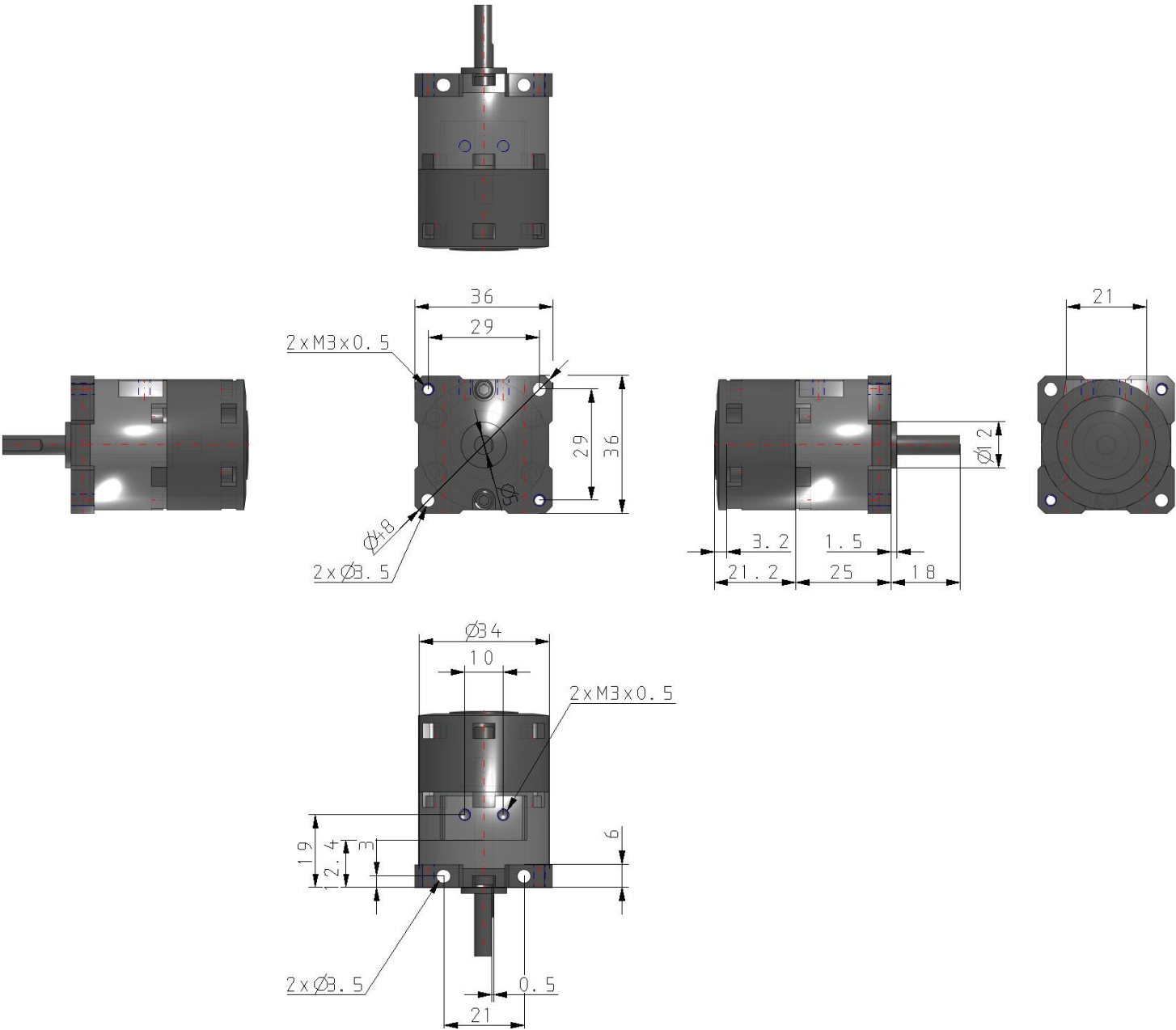
### Standard specifications

|                                      |                 |
|--------------------------------------|-----------------|
| Magnet                               | None            |
| Shaft Type                           | W (Single flat) |
| Size                                 | 15 mm           |
| Rotating Angle                       | 180 (180°)      |
| Vane Type                            | S (Single Vane) |
| Auto Switch                          | No Switch       |
| Electrical Entry/Lead Wire Length    | 0.5m            |
| Number                               | 2 pcs.          |
| -                                    | 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          | 5 °C            |
| Pneumatic input connection           | M3 x 0.5        |
| Pneumatic exhaust connection         | M3 x 0.5        |
| Rotation time adjustment range s/90° | 0.03 to 0.3     |
| Shaft load: Allowable radial load    | 15 N            |
| Shaft load: Allowable thrust load    | 10 N            |

|        |          |
|--------|----------|
| Weight | 0.094 Kg |
|--------|----------|

Specifications are subject to change without prior notice and any obligation on the part of the manufacturer.

Dimensions

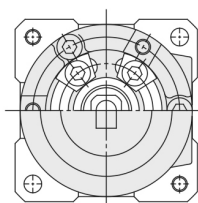


## Constructions

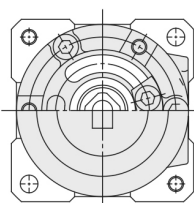
- The unit is common for single vane type and double vane type.

### With angle adjuster

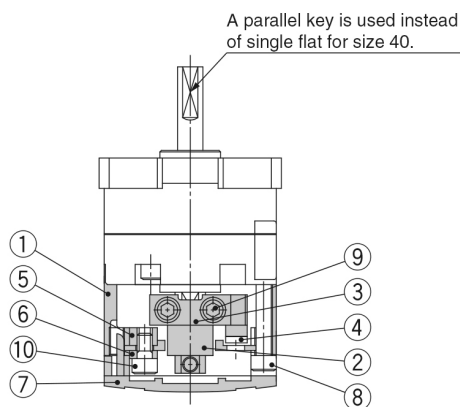
Size: 10, 15, 20, 30, 40



Single vane

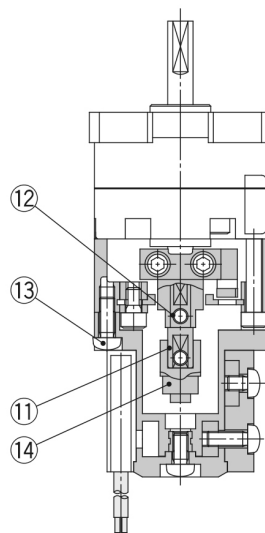


Double vane

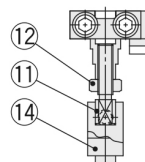


### With auto switch and angle adjuster

Size: 10, 15

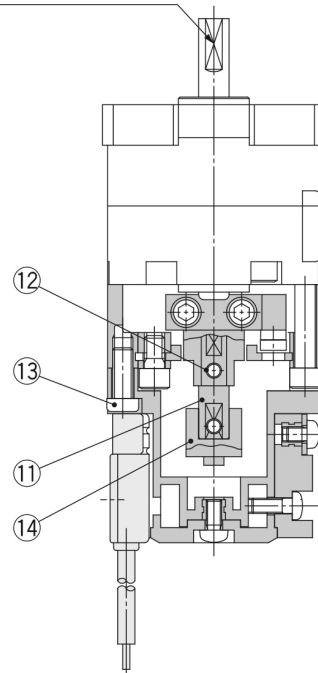


Size: 10



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](#)