



### Features

- Compact and lightweight, mounting from 3 directions.
- Rotary angle 90°, 180°, 270°.
- Both rods have locating plane.
- Spin the rod with built-in vane mechanism.

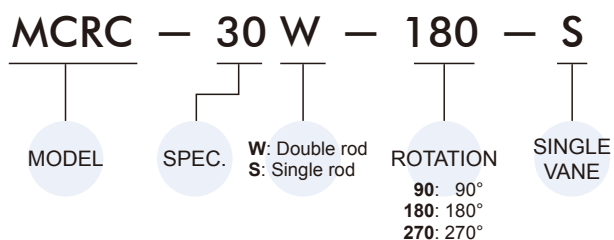
### Specification

| Model                                  | MCRC           |      |      |
|----------------------------------------|----------------|------|------|
| Acting type                            | Double acting  |      |      |
| Specification                          | 30             |      |      |
| Port size                              | M5×0.8         |      |      |
| Rotation                               | 90°            | 180° | 270° |
| Acting angle tolerance                 | 0~+4°          |      |      |
| Medium                                 | Air (Non-lube) |      |      |
| Max. operating pressure                | 1 MPa          |      |      |
| Min. operating pressure                | 0.15 MPa       |      |      |
| Proof pressure                         | 1.5 MPa        |      |      |
| Ambient temperature                    | +5~+60°C       |      |      |
| Allowable kinetic energy (J)           | 0.02           |      |      |
| Load (N)                               | Radial         | 30   |      |
|                                        | Axial          | 25   |      |
| Rotation time adjustment range (s/90°) | 0.04~0.3 (※)   |      |      |
| Weight (g)                             | 200            | 195  | 190  |

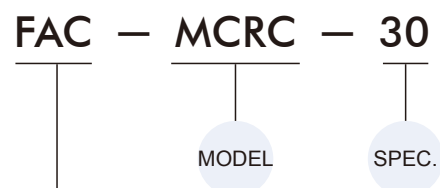
\* When the operation speed is lower than the lower speed limit, the rod may jitter or stop.

Please use the product in the range as table shown.

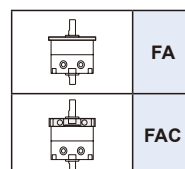
### Order example



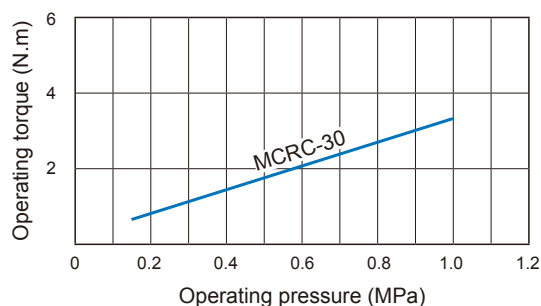
### Mounting accessories

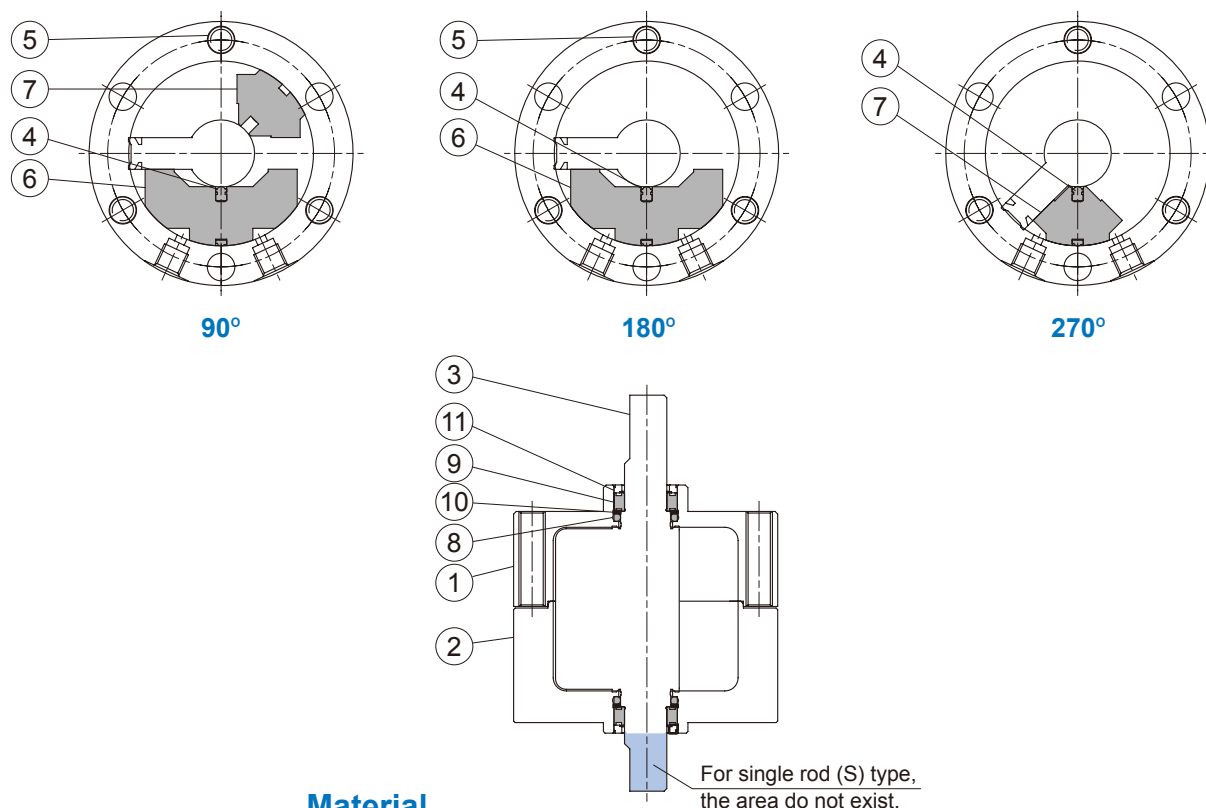


#### MOUNTING TYPE



### Torque diagram

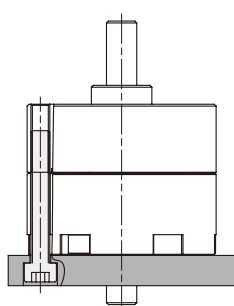




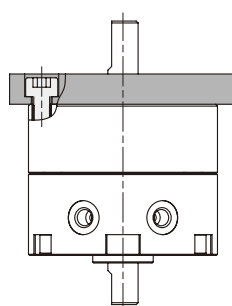
### Material

| No. | Part name       | Material        | Q'y |      |      |
|-----|-----------------|-----------------|-----|------|------|
|     |                 |                 | 90° | 180° | 270° |
| 1   | Upper body      | Aluminum        | 1   |      |      |
| 2   | Lower body      | Aluminum        | 1   |      |      |
| 3   | Shaft           | Carbon          | 1   |      |      |
| 4   | Packing         | NBR             | 1   |      |      |
| 5   | Bolt            | Stainless steel | 3   |      |      |
| 6   | Adjusting block | Plastic         | 1   | 1    | 0    |
| 7   | Adjusting block | Plastic         | 1   | 0    | 1    |
| 8   | O-ring          | NBR             | 2   |      |      |
| 9   | Ball bearing    | Bearing steel   | 2   |      |      |
| 10  | Gasket          | Stainless steel | 2   |      |      |
| 11  | Retaining ring  | Stainless steel | 2   |      |      |

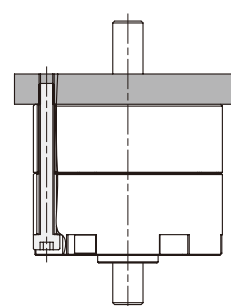
### Mounting methods



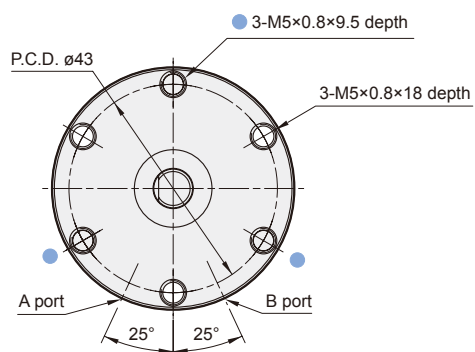
Body tapped



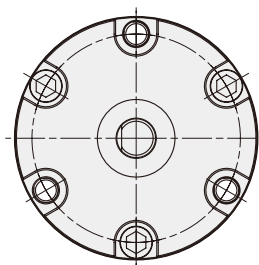
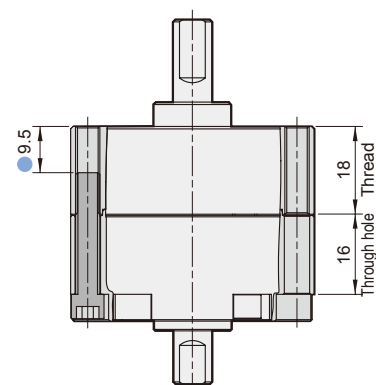
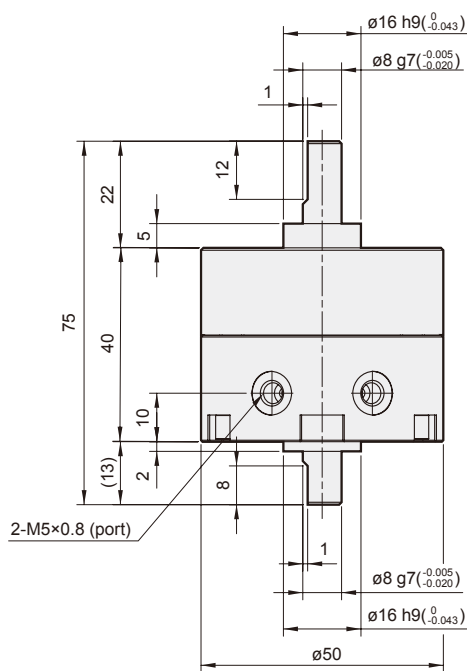
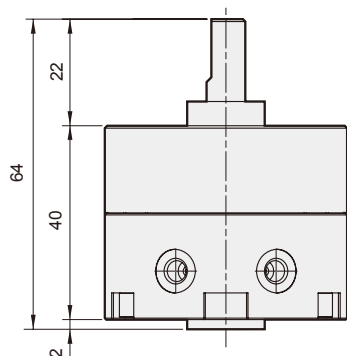
Body tapped



Body through-hole  
(Fixed with the customer's plate)

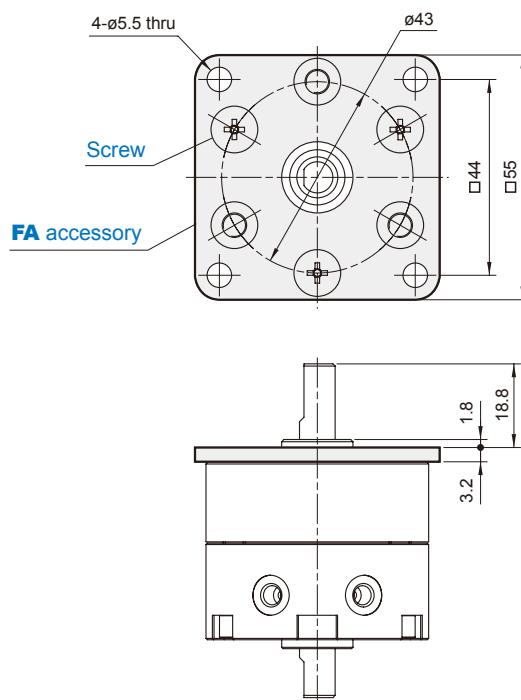


Single rod



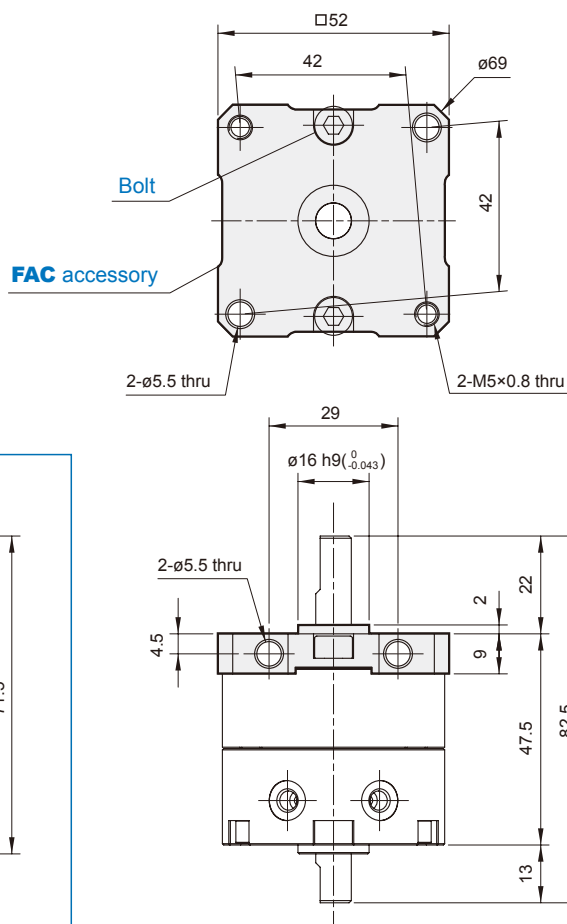
### FA

Material  
FA: Carbon steel  
Screw: Carbon steel



### FAC

Material  
FAC: Aluminum alloy  
Bolt: Carbon steel



Single rod

