

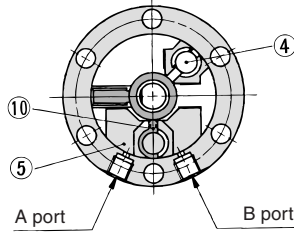
Size: 10, 15, 20, 30, 40

Series CRB2

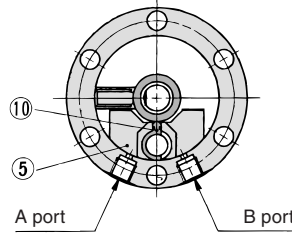
Construction: 10, 15, 20, 30, 40

Single vane type • Figures for 90° and 180° show the condition of the actuators when B port is pressurized, and the figure for 270° shows the position of the ports during rotation.

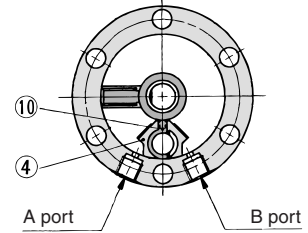
For 90°
(Top view from long shaft side)



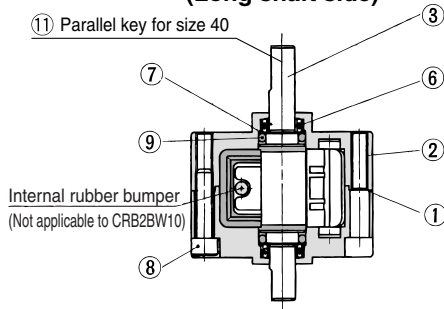
For 180°
(Top view from long shaft side)



For 270°
(Top view from long shaft side)



(Long shaft side)

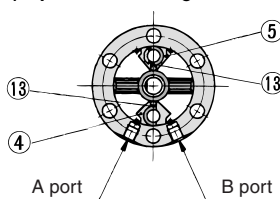


(Short shaft side)

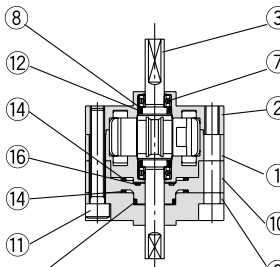
Double vane type

CRB2BW10-□D/Figures below show the intermediate rotation position when A or B port is pressurized.

For 90°
(Top view from long shaft side)

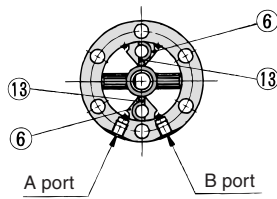


(Long shaft side)



(Short shaft side)

For 100°
(Top view from long shaft side)



(Long shaft side)



(Short shaft side)

Component Parts

| No. | Description | Material | Note |
|-----|--------------|----------------------------------|----------|
| 1 | Body (A) | Aluminum alloy | Anodized |
| 2 | Body (B) | Aluminum alloy | Anodized |
| 3 | Vane shaft | Carbon steel | |
| 4 | Stopper | Stainless steel * | |
| 5 | Stopper | Resin | |
| 6 | Stopper | Stainless steel * | |
| 7 | Bearing | High carbon chrome bearing steel | |
| 8 | Back-up ring | Stainless steel | |
| 9 | Cover | Aluminum alloy | Anodized |

* For size 40, material for no. ④⑥ is die-cast aluminum.

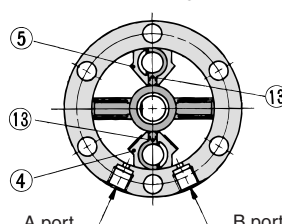
Component Parts

| No. | Description | Material | Note |
|-----|-------------------------------|----------------------------------|---------------|
| 1 | Body (A) | Aluminum alloy | Anodized |
| 2 | Body (B) | Aluminum alloy | Anodized |
| 3 | Vane shaft | Stainless steel * | |
| 4 | Stopper | Resin | For 270° |
| 5 | Stopper | Resin | For 180° |
| 6 | Bearing | High carbon chrome bearing steel | |
| 7 | Back-up ring | Stainless steel | |
| 8 | Hexagon socket head cap screw | Stainless steel | Special screw |
| 9 | O-ring | NBR | |
| 10 | Stopper seal | NBR | Special seal |
| 11 | Parallel key | Carbon steel | Size 40 only |

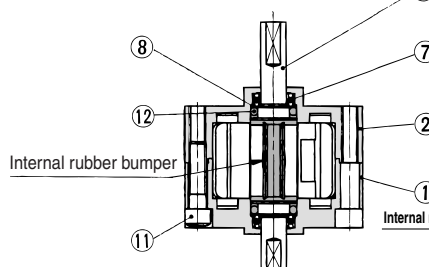
* Carbon steel for CRB2BW30 and CRB2BW40.

CRB2BW15/20/30/40-□D

For 90°
(Top view from long shaft side)

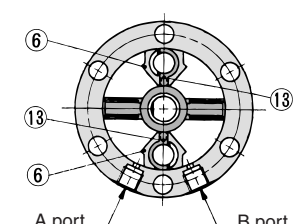


(Long shaft side)

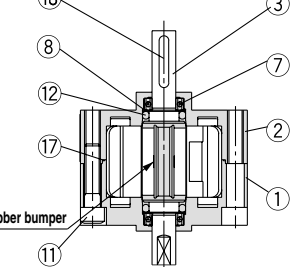


(Short shaft side)

For 100°
(Top view from long shaft side)



(Long shaft side)



(Short shaft side)
For size 40

Component Parts

| No. | Description | Material | Note |
|-----|-------------------------------|-----------------|------------------|
| 10 | Plate | Resin | |
| 11 | Hexagon socket head cap screw | Stainless steel | Special screw |
| 12 | O-ring | NBR | |
| 13 | Stopper seal | NBR | Special seal |
| 14 | Gasket | NBR | Special seal |
| 15 | O-ring | NBR | |
| 16 | O-ring | NBR | |
| 17 | O-ring | NBR | Double vane only |
| 18 | Parallel key | Carbon steel | Size 40 only |