

# Plate Cylinder

## MPG Series

### List for ordering code of accessories

| Accessories<br>Bore size | Mounting accessories |           |            | Knuckle   |           |           |           | Sensor switch |         |
|--------------------------|----------------------|-----------|------------|-----------|-----------|-----------|-----------|---------------|---------|
|                          | LB                   | FA        | SDB        | FC        | RC        | I         | Y         | CMSH          | DMSH(S) |
| 6                        | F-MPG6LB             | F-MPG6FA  | F-MPG6SDB  | F-MPG6FC  | F-MPG6RC  | F-M3×050I | F-M3×050Y | CMSH          | DMSH(S) |
| 8                        | F-MPG10LB            | F-MPG10FA | F-MPG8SDB  | F-MPG10FC | F-MPG10RC | F-M4×070I | F-M4×070Y |               |         |
| 10                       |                      |           | F-MPG10SDB |           |           |           |           |               |         |
| 12                       | F-MPG16LB            | F-MPG16FA | F-MPG12SDB | F-MPG16FC | F-MPG16RC | F-M5×080I | F-M5×080Y |               |         |
| 16                       |                      |           | F-MPG16SDB |           |           |           |           |               |         |

### Accessory selection

| Cylinder model | Accessories | Mounting accessories [Note1] |    |     | Knuckle [Note2] |   |    |    | Sensor switch |         |
|----------------|-------------|------------------------------|----|-----|-----------------|---|----|----|---------------|---------|
|                |             | LB                           | FA | SDB | I               | Y | FC | RC | CMSH          | DMSH(S) |
| MPG            | No magnet   | ●                            | ●  | ×   | ●               | ● | ●  | ●  | ×             | ×       |
|                | With magnet | ●                            | ●  | ×   | ●               | ● | ●  | ●  | ●             | ●       |
| MPGH           | No magnet   | ×                            | ×  | ●   | ●               | ● | ●  | ●  | ×             | ×       |
|                | With magnet | ×                            | ×  | ●   | ●               | ● | ●  | ●  | ●             | ●       |

### Material of accessories

| Accessories<br>Bore size | Mounting accessories |    |     | Knuckle |   |    |    |
|--------------------------|----------------------|----|-----|---------|---|----|----|
|                          | LB                   | FA | SDB | I       | Y | FC | RC |
| 6~16                     | △                    | △  | △   | ◇       | ◇ | □  | □  |

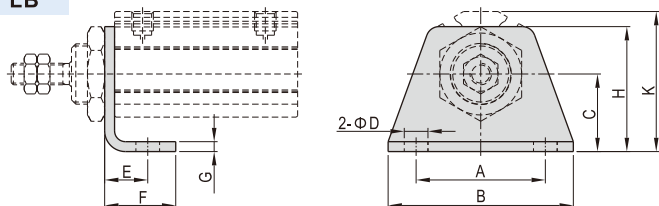
△—SPCC; □—POM; ◇—Carbon steel

[Note1] SDB is attached with relevant PIN.

[Note2] Please refer to P515~518 for knuckle detail.

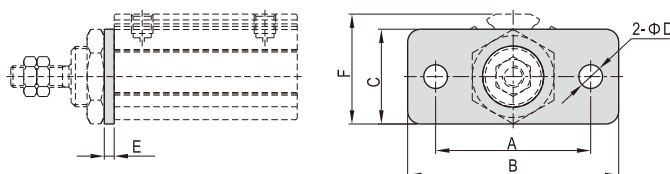
### Dimensions

#### LB



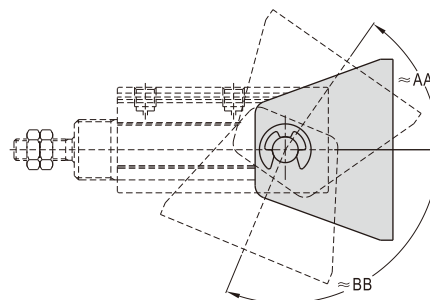
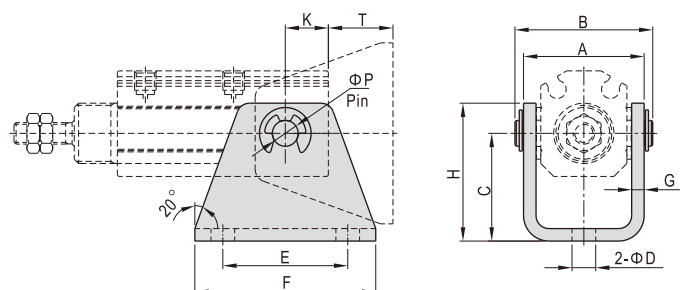
| Bore size/Item | A  | B  | C  | D   | E   | F    | G   | H  | K    |
|----------------|----|----|----|-----|-----|------|-----|----|------|
| 6              | 20 | 28 | 11 | 3.4 | 6.5 | 10.5 | 1.5 | 19 | 21.5 |
| 8              | 24 | 33 | 13 | 4.5 | 7   | 12   | 1.5 | 22 | 23.5 |
| 10             | 24 | 33 | 13 | 4.5 | 7   | 12   | 1.5 | 22 | 25   |
| 12             | 30 | 43 | 18 | 5.5 | 10  | 16.5 | 2.5 | 29 | 31   |
| 16             | 30 | 43 | 18 | 5.5 | 10  | 16.5 | 2.5 | 29 | 32.5 |

#### FA



| Bore size/Item | A  | B  | C  | D   | E   | F    |
|----------------|----|----|----|-----|-----|------|
| 6              | 24 | 32 | 16 | 3.4 | 1.5 | 18.5 |
| 8              | 28 | 37 | 18 | 4.5 | 1.5 | 19.5 |
| 10             | 28 | 37 | 18 | 4.5 | 1.5 | 21   |
| 12             | 36 | 49 | 22 | 5.5 | 2.5 | 24   |
| 16             | 36 | 49 | 22 | 5.5 | 2.5 | 25.5 |

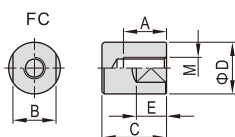
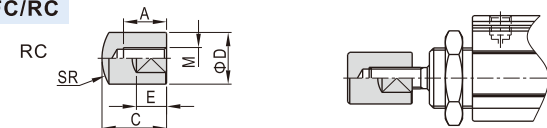
#### SDB



| Bore size/Item | A    | AA* | B    | BB*  | C  | D   | E  | F  | G   | H    | K   | T    | P |
|----------------|------|-----|------|------|----|-----|----|----|-----|------|-----|------|---|
| 6              | 18.5 | 55° | 21.5 | 110° | 16 | 3.4 | 18 | 26 | 1.5 | 20   | 4   | 12   | 3 |
| 8              | 19   | 55° | 23   | 110° | 18 | 4.5 | 21 | 30 | 1.5 | 23   | 5   | 13   | 4 |
| 10             | 20.5 | 65° | 24.1 | 110° | 20 | 4.5 | 24 | 33 | 1.5 | 25.5 | 6.5 | 13.5 | 5 |
| 12             | 25   | 55° | 29   | 110° | 25 | 5.5 | 26 | 39 | 3   | 32   | 10  | 15   | 6 |
| 16             | 28   | 55° | 32   | 110° | 25 | 5.5 | 29 | 42 | 3   | 32   | 10  | 15   | 6 |

\*Note: AA and BB are for reference only.  
Specific value depends on the actual situation.

#### FC/RC



| Bore size/Item | A  | B  | C  | D  | E | M      | SR |
|----------------|----|----|----|----|---|--------|----|
| 6              | 6  | 6  | 11 | 8  | 5 | M3×0.5 | 8  |
| 8              | 8  | 8  | 13 | 10 | 6 | M4×0.7 | 10 |
| 10             | 8  | 8  | 13 | 10 | 6 | M4×0.7 | 10 |
| 12             | 10 | 10 | 15 | 12 | 7 | M5×0.8 | 12 |
| 16             | 10 | 10 | 15 | 12 | 7 | M5×0.8 | 12 |