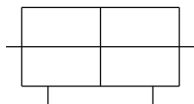


## C(D)85W, ISO Cylinder, Double Acting, Double Rod CD85WE8-50-B

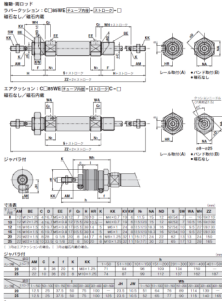
- ISO cylinder, double acting, double rod
- Fluid: air
- Bore sizes (mm): 8, 10, 12, 16, 20, 25
- Strokes (mm): up to 300 (depending on bore)
- Auto switches available (order separate)



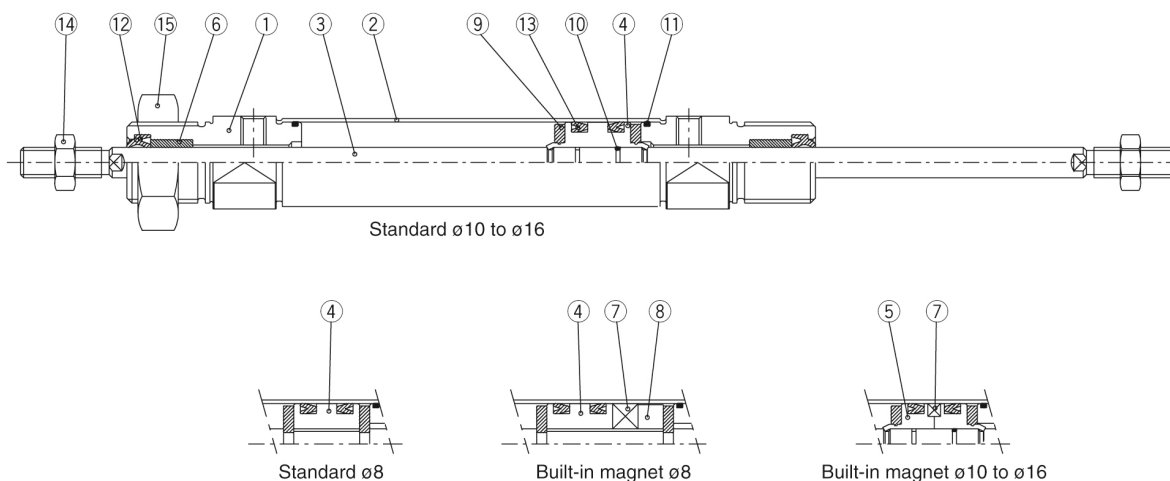
Double-acting cylinder with double piston rod

|                                                    |                                           |
|----------------------------------------------------|-------------------------------------------|
| Magnet                                             | D (Built-in)                              |
| Bore Size                                          | Ø8 mm                                     |
| Stroke                                             | 50                                        |
| Cushion                                            | Rubber Cushion                            |
| Rod Boot                                           | Standard                                  |
| Switch Mounting                                    | B (Band)                                  |
| Auto Switch                                        | No Switch                                 |
| Lead Wire or Prewired Connector                    | 0.5m (Or None in the Case of No Switch)   |
| Number                                             | 2 pcs. (Or None in the Case of No Switch) |
| Rod End Options                                    | None                                      |
| Temperature Resistance                             | None                                      |
| Made of Stainless Steel                            | None                                      |
| Long Stroke                                        | None                                      |
| -                                                  | Compressed Air                            |
| Maximum temperature of pressure medium with magnet | 80°C                                      |
| Minimum temperature of pressure medium with magnet | -20°C                                     |
| Maximum operating pressure                         | 1 MPa                                     |
| Minimum operating pressure                         | 0.1 MPa                                   |
| Proof pressure                                     | 1.5 MPa                                   |

|                                         |                 |
|-----------------------------------------|-----------------|
| Maximum ambient temperature with magnet | 80°C            |
| Minimum ambient temperature with magnet | -20°C           |
| Pneumatic input connection              | M5              |
| Maximum piston speed                    | 1500 mm/s       |
| Type of cushioning                      | Rubber bumper   |
| Piston rod end                          | External thread |
| Male thread of rod end                  | M4              |



# Double acting: Double rod C□85WE 8 to 16 Rubber bumper (Disassembly is not possible)



## Component Parts

| No. | Description   | Material        | Quantity | Remarks               |
|-----|---------------|-----------------|----------|-----------------------|
| ①   | Rod cover     | Aluminum alloy  | 2        | White anodized        |
| ②   | Cylinder tube | Stainless steel | 1        |                       |
| ③   | Piston rod    | Stainless steel | 1        | 2 for ø8              |
| ④   | Piston A      | Brass           | 1        |                       |
| ⑤   | Piston B      | Brass           | 2        | (Switch style piston) |
| ⑥   | Bushing       | Sintered bronze | 2        |                       |
| ⑦   | Magnet        |                 | 1        | (Switch style only)   |
| ⑧   | Spacer        | Brass           | 1        |                       |

| No. | Description   | Material     | Quantity | Remarks            |
|-----|---------------|--------------|----------|--------------------|
| ⑨   | Bumper        | Urethane     | 2        |                    |
| ⑩   | Piston gasket | NBR          | 1        | 2 for switch style |
| ⑪   | Tube gasket   | NBR          | 2        |                    |
| ⑫   | Rod seal      | NBR          | 2        |                    |
| ⑬   | Piston seal   | NBR          | 2        |                    |
| ⑭   | Rod end nut   | Carbon steel | 2        | Nickel plated      |
| ⑮   | Mounting nut  | Carbon steel | 1        | Nickel plated      |

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