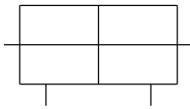


C(D)85W, ISO Cylinder, Double Acting, Double Rod CD85WE25-80-B

Datasheet

- 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

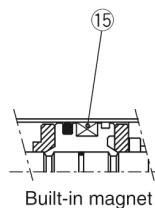
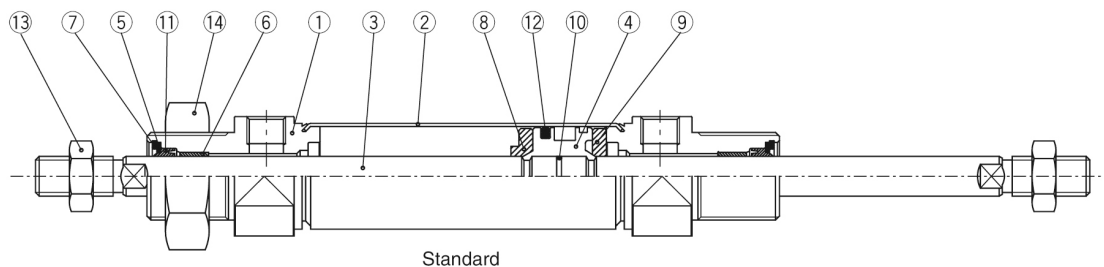
Standard specifications

| | |
|--|---|
| Magnet | D (Built-in) |
| Bore Size | Ø25 mm |
| Stroke | 80 |
| 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 | 0.05 MPa |
| Proof pressure | 1.5 MPa |

| | |
|---|-----------------|
| Maximum ambient temperature with magnet | 80°C |
| Minimum ambient temperature with magnet | -20°C |
| Pneumatic input connection | G 1/8 |
| Maximum piston speed | 1500 mm/s |
| Type of cushioning | Rubber bumper |
| Piston rod end | External thread |
| Male thread of rod end | M10 x 1.25 |
| Weight | 0.598 Kg |

Constructions

C□85WE 20, 25 Rubber bumper



Component Parts

| No. | Description | Material | Quantity | Remarks |
|-----|----------------|-----------------|----------|--------------------|
| ① | Rod cover | Aluminum alloy | 2 | White anodized |
| ② | Cylinder tube | Stainless steel | 1 | |
| ③ | Piston rod | Carbon steel | 1 | Hard chrome plated |
| ④ | Piston | Aluminum alloy | 1 | Chromated |
| ⑤ | Plain washer | Carbon steel | 2 | Nickel plated |
| ⑥ | Bushing | Sintered bronze | 2 | |
| ⑦ | Retaining ring | Carbon steel | 2 | Nickel plated |
| ⑧ | Bumper A | Urethane | 1 | |

| No. | Description | Material | Quantity | Remarks |
|-----|---------------|--------------|----------|---------------------|
| ⑨ | Bumper B | Urethane | 1 | |
| ⑩ | Piston gasket | NBR | 1 | |
| ⑪ | Rod seal | NBR | 2 | |
| ⑫ | Piston seal | NBR | 1 | |
| ⑬ | Rod end nut | Carbon steel | 2 | Nickel plated |
| ⑭ | Mounting nut | Carbon steel | 1 | Nickel plated |
| ⑮ | Magnet | | 1 | (Switch style only) |

Additional information

Catalogue

[C85_C75-A_EU.pdf](#)