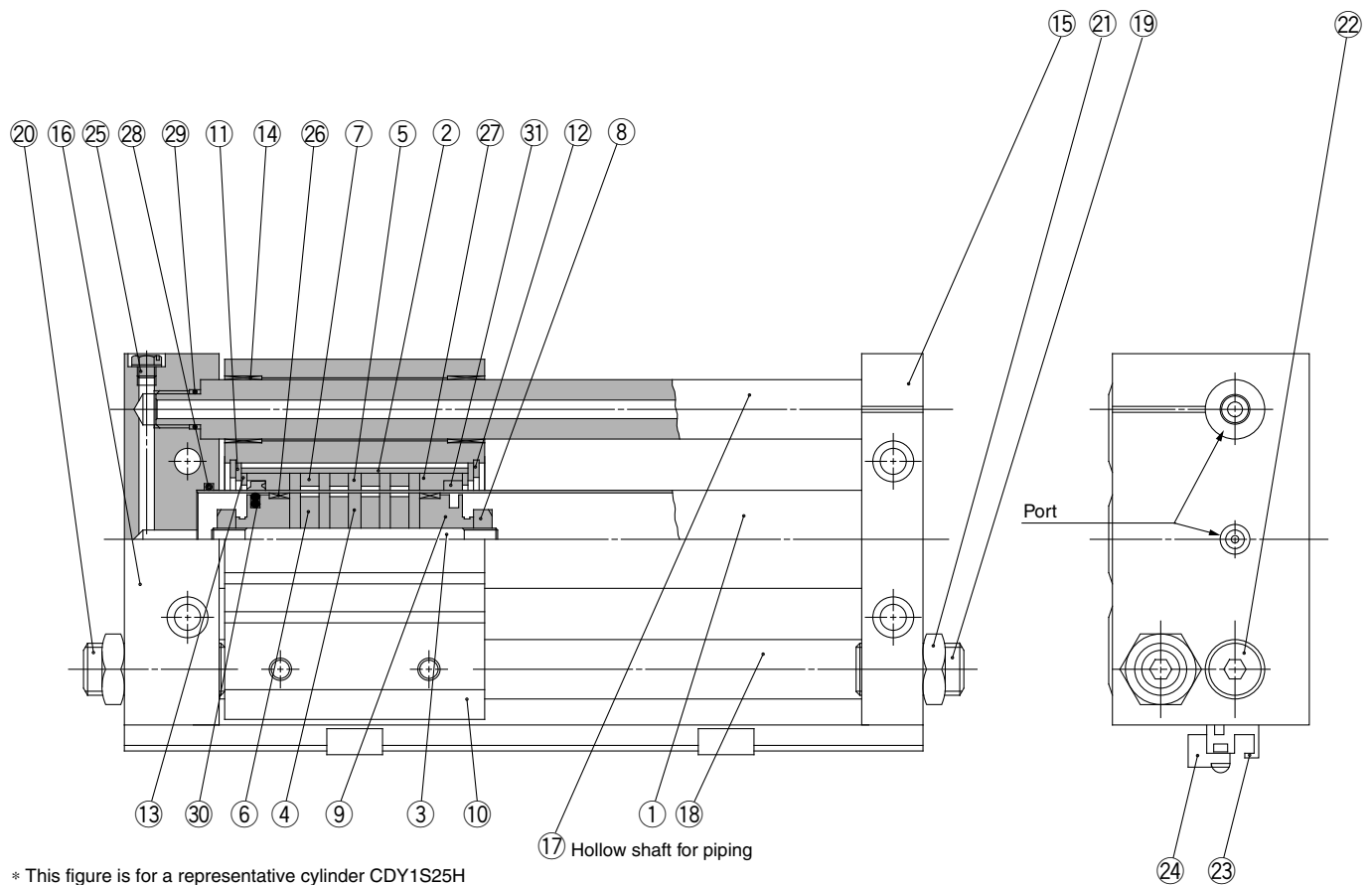


Series CY1S

Construction

Slider type/Slide bearing

CY1S6 to 40



* This figure is for a representative cylinder CDY1S25H

Component Parts

No.	Description	Material	Note
1	Cylinder tube	Stainless steel	
2	External slider tube	Aluminum alloy	
3	Shaft	Stainless steel	
4	Piston side yoke	Rolled steel	Zinc chromated
5	External slider side yoke	Rolled steel	Zinc chromated
6	Magnet A	—	
7	Magnet B	—	
8	Piston nut	Carbon steel	Zinc chromated
9	Piston	Aluminum alloy ^{Note 1)}	Chromated
10	Slide block	Aluminum alloy	Anodized
11	Slider spacer	Rolled steel	Nickel plated
12	Retaining ring	Carbon tool steel	Nickel plated
13	Spacer	Rolled steel	Nickel plated
14	Bushing	Oil retaining bearing material	
15	Plate A	Aluminum alloy	Anodized
16	Plate B	Aluminum alloy	Anodized
17	Guide shaft A	Carbon steel	Hard chrome plated
18	Guide shaft B	Carbon steel	Hard chrome plated
19	Adjusting bolt A	Chromium molybdenum steel	
20	Adjusting bolt B	Chromium molybdenum steel	
21	Hexagon nut	Carbon steel	Nickel plated
22	Hexagon socket head cap screw	Chromium molybdenum steel	
23	Switch mounting rail	Aluminum alloy	

Note 1) Brass for ø6, ø10 and ø15.

Note 2) Piston nuts are not included for ø6, ø10 and ø15.

No.	Description	Material	Note
24	Auto switch	—	
25	Plug	Brass	
26*	Wear ring A	Special resin	
27*	Wear ring B	Special resin	
28*	Cylinder tube gasket	NBR	
29*	Guide shaft gasket	NBR	
30*	Piston seal	NBR	
31*	Scraper	NBR	

Replacement Parts: Seal Kit

Bore size (mm)	Kit no.	Contents
6	CY1S6-PS-N	Set of nos. above 27, 28, 29, 30 Nos. above 26, 27, 28, 29, 30, 31
10	CY1S10-PS-N	
15	CY1S15-PS-N	
20	CY1S20-PS-N	
25	CY1S25-PS-N	
32	CY1S32-PS-N	
40	CY1S40-PS-N	

* Seal kit includes 27 to 30 for ø6. 26 to 31 are for ø10 to ø40. Order the seal kit, based on each bore size.

* Seal kit includes a grease pack (ø6, ø10: 5 and 10 g, ø15 to ø40: 10 g).

Order with the following part number when only the grease pack is needed.

Grease pack part no. for ø6, ø10: GR-F-005 (5 g) for external sliding parts,

GR-S-010 (10 g) for tube interior

Grease pack part no. for ø15 to ø40: GR-S-010 (10 g)