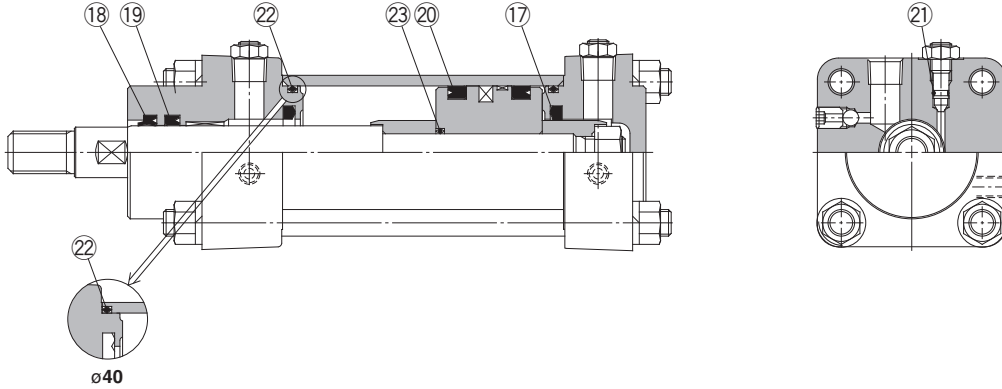


Tie-rod Type Hydraulic Cylinder/Double Acting, Single Rod

Series CHA

ø40, ø50, ø63, ø80
ø100, ø125, ø160

Construction



* The numbers are the same as the "Construction" of the Best Pneumatics No.8 Series CHA.

Seal Kit List

| No. | Description | Material | Note |
|-----|----------------------|----------|--|
| ⑰ | Cushion seal | — | 23 is a non-replaceable part, so it is not included in the seal kit. |
| ⑱ | Wiper ring | NBR | |
| ⑲ | Rod seal | NBR | |
| ⑳ | Piston seal | NBR | |
| ㉑ | Needle valve seal | NBR | |
| ㉒ | Cylinder tube gasket | NBR | |
| ㉓ | Piston gasket | NBR | |

Replacement Parts: Seal Kit

| Bore size (mm) | Seal kit no. | Content |
|----------------|--------------|--------------------------------------|
| 40 | CHA40-PS | Set of left nos. ⑰, ⑱, ⑲, ⑳, ㉑, ㉒ |
| 50 | CHA50-PS | |
| 63 | CHA63-PS | |
| 80 | CHA80-PS | |
| 100 | CHA100-PS | |
| 125 | CHA125-PS | |
| 160 | CHA160-PS | |

* Seal kit consists of items ⑰ through ㉒ and can be ordered using the seal kit number for each bore size.

Tie-rod Nut Tightening Torque

| Bore size (mm) | Tightening torque(N·m) |
|----------------|------------------------|
| 40 | 10.8 ± 1.1 |
| 50 | 24.5 ± 2.4 |
| 63 | 24.5 ± 2.4 |
| 80 | 38.2 ± 3.8 |
| 100 | 38.2 ± 3.8 |
| 125 | 68.6 ± 6.8 |
| 160 | 107.8 ± 10.7 |

* Gradually tighten the tie-rod nuts equally from opposing corners so that the tightening torques become the same as those listed above.