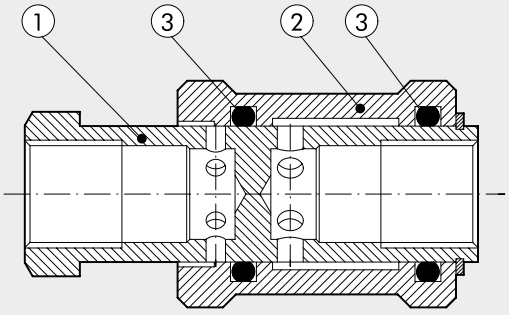
# SLIDE VALVE SERIES VCS

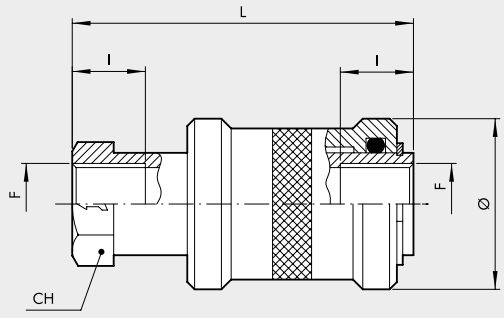
The 3/2 slide valve is normally used as a circuit on-off valve. When the ring nut is moved back, the system downstream is relieved; when the ring nut is moved forward, the system is supplied with compressed air.

| TECHNICAL DATA | | 1/8″ | 1/4″ | 3/8″ | 1/2″ |
|---|---|---|---|---|---|
| Operating pressure | | 0 - 10 bar (0 - 1 MPa) | | | |
| Operating temperature range | °C | –10 to + 80 | | | |
| Fluid | | Lubricated or unlubricated filtered air | | | |
| Flow rate at 6.3 bar (0.63 MPa - 91 psi) ΔP 0.5 bar | Nl/min | 430 | 680 | 1400 | 2200 |
| Flow rate at 6.3 bar (0.63 MPa - 91 psi) ΔP 1bar | Nl/min | 630 | 1040 | 2070 | 3330 |
| Conductance C | Nl/min · bar | 170 | 247 | 537 | 833 |
| Critical ratio b | bar/bar | 0.2 | 0.3 | 0.1 | 0.2 |

## COMPONENTS

① Body: chromium-plated brass
② Ring nut: anodized aluminium
③ Seals: NBR




## DIMENSIONS AND ORDERING CODES

| Code | Description | F | Ø | I | L | CH |
|---|---|---|---|---|---|---|
| **W0970050001** | Slide valves 3/2 | 1/8″ | 25 | 10 | 48 | 11 |
| **W0970050002** | Slide valves 3/2 | 1/4″ | 30 | 12 | 58 | 19 |
| **W0970050003** | Slide valves 3/2 | 3/8″ | 35 | 12 | 68 | 22 |
| **W0970050004** | Slide valves 3/2 | 1/2″ | 40 | 15 | 80 | 27 |