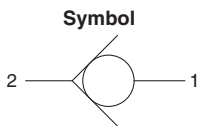


5.0 MPa Check Valve VCHC40 Series

How to Order



VCHC40 - **06** **G**



• **Thread type**
(Conforming to ISO1179-1 on the pneumatic/hydraulic G thread)

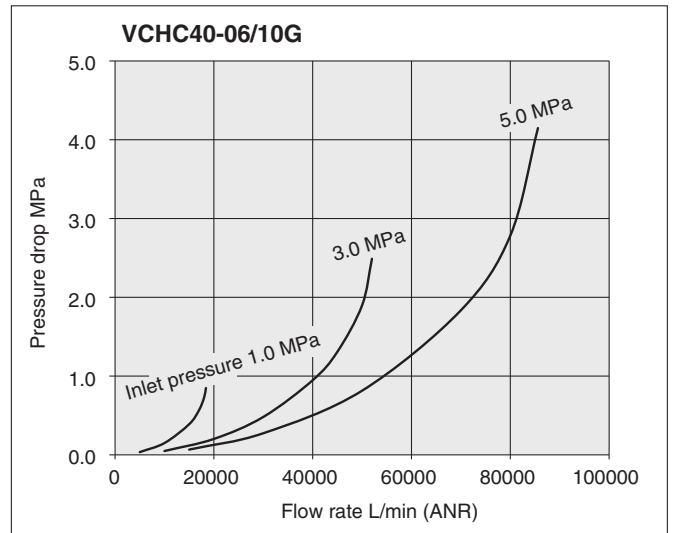
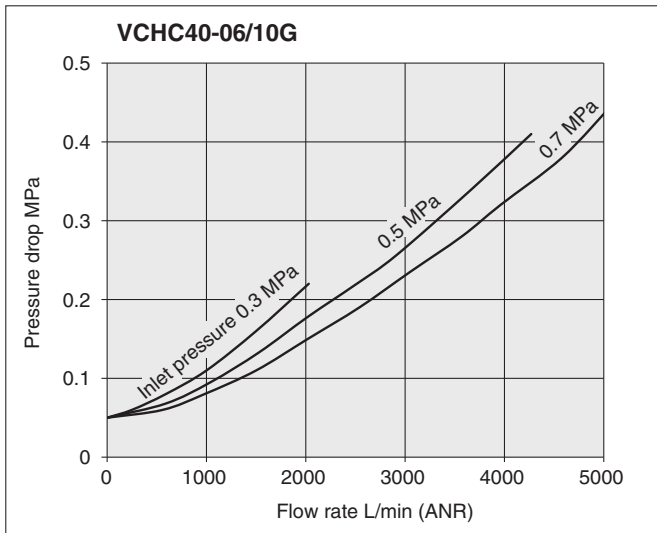
• **Port size**

| | |
|----|-----|
| 06 | 3/4 |
| 10 | 1 |

Specifications

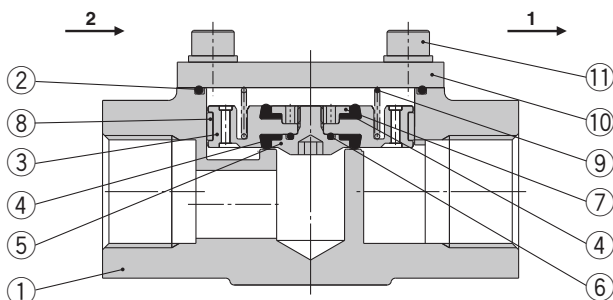
| Model | VCHC40 |
|--------------------------|---|
| Operating pressure | 0.05 to 5.0 MPa |
| Cracking pressure | 0.05 MPa |
| Orifice diameter | ø16 |
| Flow characteristics | |
| C value (Effective area) | 28 dm ³ /(s·bar) (140 mm ²) |
| b | 0.15 |
| Cv | 7.4 |
| Fluid | Air |
| Fluid temperature | 5 to 80°C |
| Ambient temperature | 5 to 80°C |
| Body material | Brass |
| Seal material | Polyurethane elastomer |
| Port size | G3/4, 1 (Conforming to ISO1179-1 on the pneumatic/hydraulic G thread) |
| Mounting orientation | Unrestricted |
| Weight | 1.02 kg |

Flow Rate Characteristics



Note) The flow rate characteristics are representative values.

Construction



Component Parts

| No. | Description | Material |
|-----|---|-----------------------------------|
| 1 | Body | Brass |
| 2 | O-ring | NBR |
| 3 | Piston | Aluminum + Hard anodized |
| 4 | Poppet | Polyurethane elastomer |
| 5 | Set screw | Stainless steel |
| 6 | O-ring | NBR |
| 7 | Nut | Stainless steel |
| 8 | Guide ring | Resin |
| 9 | Spring | Stainless steel |
| 10 | Plate | Steel + Electroless nickel plated |
| 11 | Hexagon socket head cap screw (with SW) | Carbon steel |

VCHC40 Series

Dimensions

VCHC40

