

## Features

1. This line-type model is compact and lightweight.
2. The fluororubber seat packing provides good sealability, allowing seals with a back pressure of 0.1 MPa.
3. The unique seal shape offers excellent cracking characteristics.
4. Some models have received ministerial certification for use with high-pressure gases.

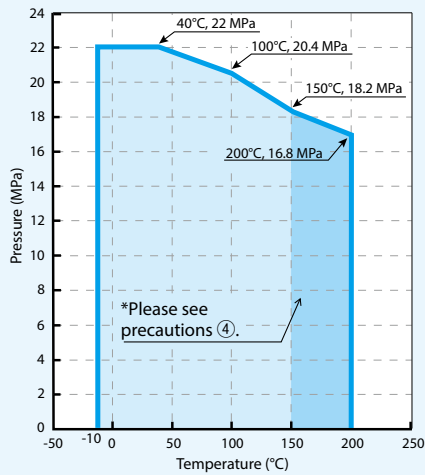


## Technical Data

Working Pressure (MPa)	Temperature (°C)
22	-10 to +200

※Please see the temperature and pressure rating for details.

### Temperature and Pressure Rating



### Pressure

Cracking Pressure (kPa)	Back Seal Pressure (MPa)
6.86	At least 0.1

※Please see precautions (2) and (3) concerning cracking pressure.

## Materials

Description	Materials
Body	※ SUS316
Disk	※ SUS316
Seat packing	※ Fluororubber
Spring	※ SUS316WPA

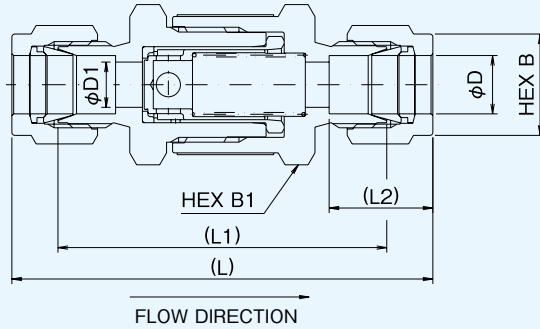
※: Wetted part

Note: May use SUS316, 304, ASTM-spec material (SUS316 equivalent)

### Operating Precautions

- ① The seat seal requires back pressure of at least 0.1 MPa.
- ② The cracking pressure indicates the pressure at a constant rate of flow. The valve will start to open at a lower pressure than the indicated value.
- ③ The cracking pressure may be slightly higher than the indicated cracking pressure when the valve is used for the first time and when left closed for extended periods of time.
- ④ Please contact us before ordering if you plan to use the valve at a temperature of 150°C or higher.
- ⑤ Since this valve uses a fluororubber seat packing, it cannot be used with fluids that would corrode it (for example, ammonia, fluorocarbons, acetic acid, nitrous oxide, ethylene oxide, or acetone). If you are unsure whether the sealant is suitable for use with a given fluid, please contact us before ordering.
- ⑥ To prevent galling of parts that come into contact with gas in the valve, it uses fluorine-based grease suitable for oxygen and oil-free parts. If you require a grease-less model, please contact us.
- ⑦ Ordinarily, check valves are designed for flow-direction control only. Please do not use them as switchable check valves or relief valves.

## New V-Lok Type



### Dimensions

UNIT (mm)

Nominal Diameter D	Orifice Diameter D1	Face to Face Dimension		Pipe Connection Part			B1	Cv Value (Max.)	Weight (approximate) g	Ordering Numbers
		L	L1	L2	B					
					in	mm				
6.35	4	60.5	45.6	15.2	9/16	14.3	17	0.35	65	PUCL-922-6.35-0.07-V
9.52	7.5	71	56.3	16.8	11/16	17.5	23	1.1	125	PUCL-922-9.52-0.07-V
12.7	7.5	76.5	56.3	22.9	7/8	22.2	23	1.1	165	PUCL-922-12.7-0.07-V

### Ordering Numbers

P U C L — 
 9 2 2 — 
 6 . 3 5 — 
 0 . 0 7 — 
 V

- ① Body Material  
Stainless Steel
- ② Valve Type  
Check Valve
- ③ End Connections  
9: **New V-Lok** Type
- ④ Working Pressure  
22 MPa
- ⑤ Connection Sizes  
6.35: **New V-Lok** 6.35  
9.52: **New V-Lok** 9.52  
12.7: **New V-Lok** 12.7
- ⑥ Cracking Pressure  
0.07: 0.007 MPa
- ⑦ **New V-Lok** Type