

Check Valve



Various End Connections

Reliable Ends
NPT&ISO Male/Female Threads

Fixed Cracking Pressures

Many Choices: From 1/3 psi to 25psi(0.02 to 1.71 bar
SUS304 Peened&passivated spring for a long life cycle

Back Stopped Poppet

Minimize spring stress
Uni-directional flow control

Soft Poppet Seal

Ensures Valve closes bubble tight
Standard Viton for sus 316 body

Design

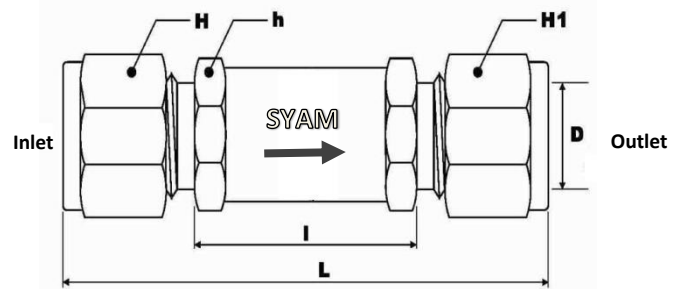
Operating pressures up to 2000psi(140kg)
Maximum Orifice for High Rate Flow
Cv from 0.16 to 8.0

- Back stopped poppet mini, izes spring stress
- Clacking pressures include: 1/3, 1, 5, 10, 25psi
- Port connections include male, female and tube fittings.
Size: 1/4" through 1/2", 6mm through 12mm
- 100% factory tested.
- Pressure Rating:
SUS-316 1/4" to 1/2": 2000psi(140kgs)
- Temperature Rating:
Viton -40°C to 180°C (-65°F to 350°F)
- Orifice: 0.078" to 0.656" (2.0mm to 16.7mm)
- Cv: 0.18 to 6.65

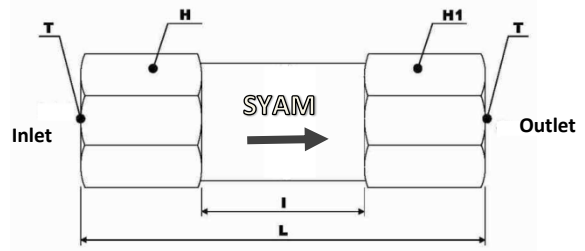
Materials of Construction

Body	SUS 316
O-RING	Viton
Gasket	SUS 316
Poppet	SUS 316
Spring	SUS302

- Check Valve
- Table of Dimensions



Part No.	Tube OD		D	h	H	H1	I	L
	6mm	8						
SM-CV6M	6mm	6	6.2	14	14	14	31	66
SM-CV8M	8mm	8	8.2	17	16	16	32	68
SM-CV10M	10mm	10	10.2	19	19	19	32	72
SM-CV12M	12mm	12	12.2	22	22	22	37.5	82.5
SM-CV4	1/4	6.35	6.53	14	14	14	30.4	66
SM-CV6	3/8	9.52	9.7	17	17	17	30.8	70
SM-CV8	1/2	12.7	12.88	22	22	22	37.5	82.5



Part No.	T	H	H1	I	L
SM-CV-T	1/4	17	17	17.5	50
SM-CV-3T	3/8	22	22	22	60