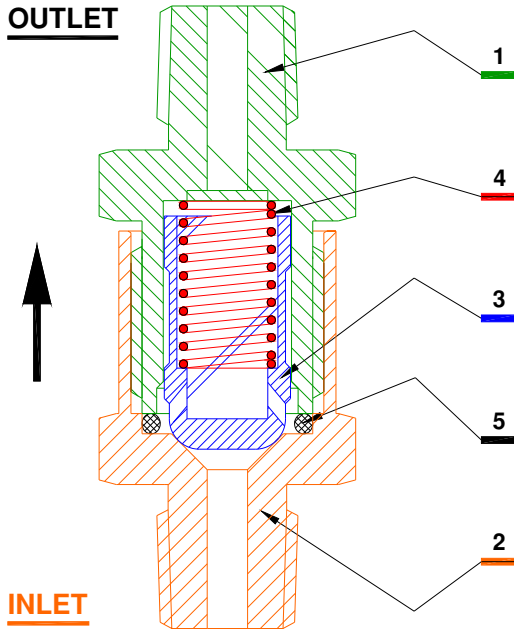




S.D.INDUSTRIES

CHECK VALVE

MODEL : CV



NO	DESCRIPTION	QTY	MATERIAL
1	BODY	1	SS 316
2	CAP	1	SS 316
3	POPPET	1	SS 316
4	SPRING	1	SPRING STEEL
5	SEAT	1	NBR/NEOPRENE

CHECK VALVE

- Check Valves are designed for uni-directional flow control of fluids and gases in industries such as chemical processing, oil and gas production and transmission, pharmaceutical, pulp and paper, power and utilities.

FEATURES

- Resilient, custom molded, blow-out resistant seat design
- Back stopped poppet minimizes spring stress.
- 100% factory tested for both crack and reseal
- Cracking pressures include : 1/3, 1, 5, 10, 25, 75 and 100 Psi

SPECIFICATION

Size

- 1/8", 1/4", 3/8", 1/2", 3/4", 1"

Orifice

- Ø2.4 to Ø16.7

Material

- SS 316, Brass

Pressure Rating

- SS 316 - 1/8" TO 3/4" : 6000 Psig (414 Bar) CWP
1" : 5000 Psig (345 Bar) CWP

- All sizes with PTFE seats: 4000 Psig (276 Bar) CWP

- Brass - 1/8" to 1" : 3000 Psig (207 Bar) CWP

Temperating Rating

- Fluorocarbon Rubber

- -15 °F to 400 °F (-26 °C to 204 °C)

- Buna-N Rubber

- -30 °F to 275 °F (-34 °C to 135 °C)

- Ethylene Propylene Rubber

- -70 °F to 275 °F (-57 °C to 135 °C)

- Neoprene Rubber

- -45 °F to 250 °F (-43 °C to 121 °C)

- PTFE

- -65 °F to 400 °F (-54 °C to 204 °C)

Orifice

- Ø2.4 to Ø16.7