



## Model SSCV Stainless Steel Check Valves

### Features

- Available in 1/2", 3/4", 1", 1-1/4", 1-1/2", 2" and 3" NPT connections
- 316 SS body and internals
- 1/4 PSI cracking pressure on spring to minimize resistance and maximize flow (Available with optional 5 PSI cracking pressure)
- Inconel - X - 750 spring to handle extreme temperatures and corrosive applications
- Seam welded body eliminates need for O-rings and gasket seals
- Spring assisted closing of check valve minimizes noise and wear



### Applications

The MEPCO check valve is an all stainless steel in-line check valve for steam, gas, or liquid service. It provides tight shut-off, minimizes water hammer and stops recycling of pumps by preventing back flow of liquid. Typical applications are petrochemical, pulp and paper, textile and food and beverage industries. Our all stainless steel check valves will operate much longer and are less problematic than bronze or cast iron check valves.

NPT - Size	Model	Cracking PSI *	WGT. LBS.
1/2"	SSCV-2	0.25	1
3/4"	SSCV-3	0.25	1.5
1"	SSCV-4	0.25	2.3
1 - 1/4"	SSCV-5	0.25	3.5
1 - 1/2"	SSCV-6	0.25	5.3
2"	SSCV-8	0.25	8.5
3"	SSCV-12	0.25	21

### Materials

Body	316 Stainless Steel
Disc	316 Stainless Steel
Spring	Inconel - X - 750

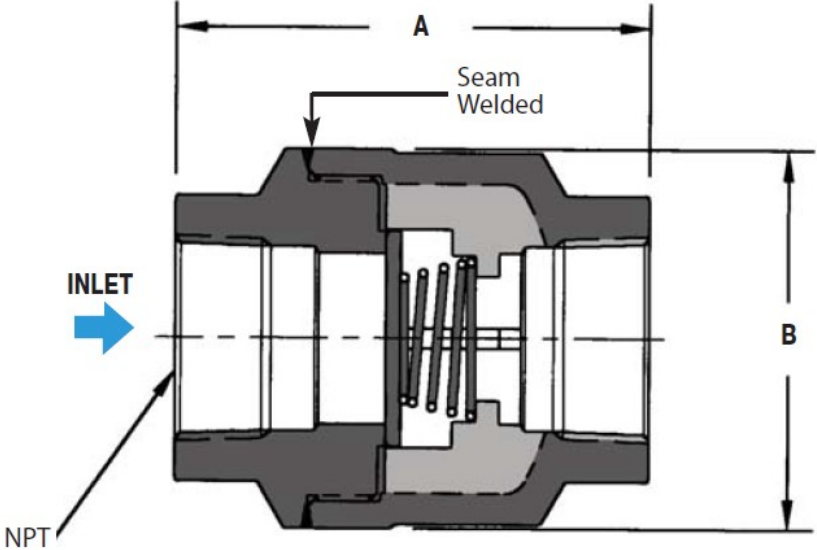
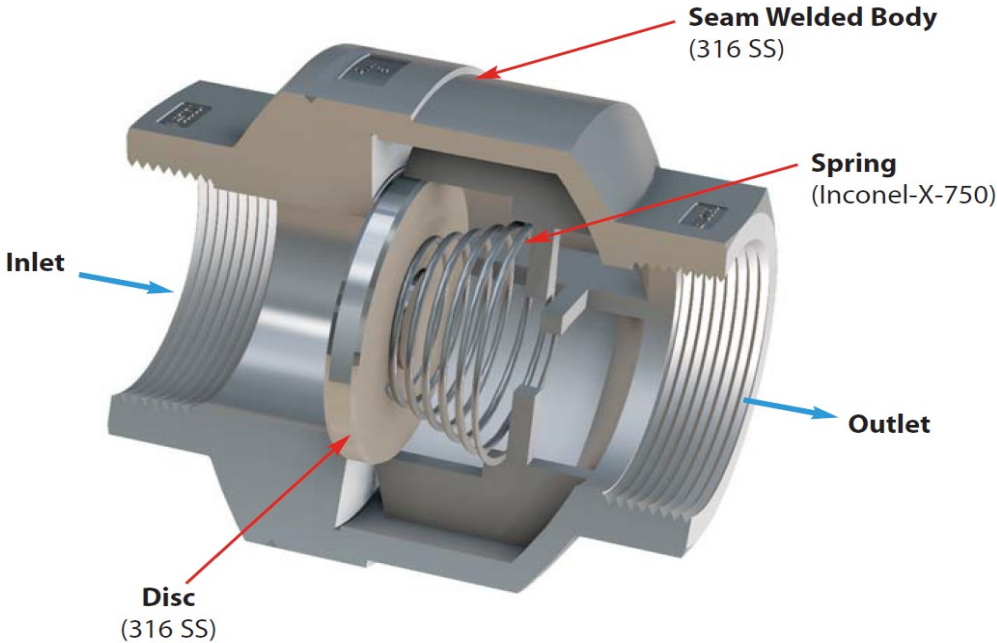
\* Differential Pressure at which valve opens and flow occurs.

**PMO** Max. Operating Pressure is 500 PSIG

**PMA** Max. Allowable Pressure is 750°F PSIG @ 100°F

**TMA** Max. Allowable Temperature is 850°F @ 420 PSIG

**SS Check Valve Construction**



NPT - Size	1/2"	3/4"	1"	1 - 1/4"	1 - 1/2"	2"	3"
<b>A</b>	2.69"	3"	3.32"	3.81"	4.75"	5.03"	6.87"
<b>B</b>	1.62"	2.12"	2.56"	3.06"	3.44"	4.38"	6.19"
Cv	7	13	22	39	54	93	180