

V520

Check Valve



DESCRIPTION

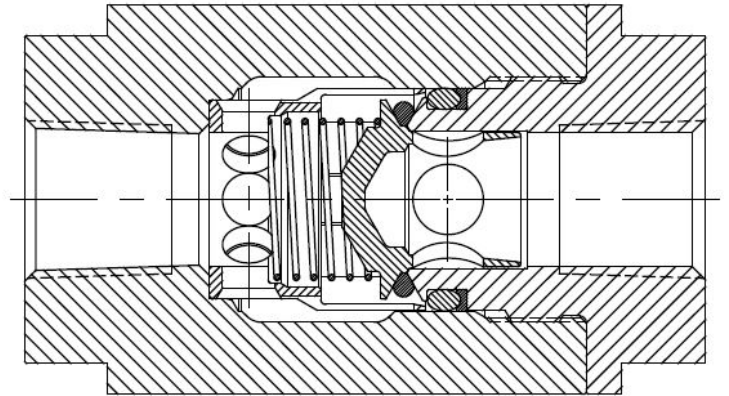
Valcor's V520 Check Valves provide protection against reverse flow with minimal flow restriction by providing a low cracking pressure of less than 1 PSID. The V520's elastomeric seat ensures gas and liquid leak tight shut off in the reverse flow direction. The unique single body design eliminates the potential for external leakage. The V520 check valves are rated for high temperature gas or liquid service and are IEEE 382 compliant.

APPLICATION

The V520 check valves are typically used in any gas or liquid application where the need to prevent backflow in the process system exists.

FEATURES

- Compact size and low weight
- High Cycle Life - Over 100,000 operations in most applications
- 0-2500 PSIG working pressure
- 32°F to 650°F working temperature
- Cv of 1 to 80 available
- Bubble-tight shut-off with gas or liquid
- Stress and seismic analysis available
- Radiation resistance: Standard at 2×10^{-8} rads
- Process connections include NPT, tube, and socket weld ports
- ANSI Class 150 through 2500 standard
- ASME Section III, Class 1, 2, and 3
- Qualified to IEEE 32, 344
- Mountable in any orientation



Operating Pressure & Flow Ratings

Media	Operating Pressure (PSIG)	Cv	Ambient Temp.	Line Size
Liquid or Gas	0-2500	1 to 80	650°F	3/8" to 3"

Custom designs are our specialty. Contact us today to see how we can help on your next project.

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