

**General Description:** Parker sanitary check valves are utilized within processing systems to to avoid product return. The disk opens when the pressure under the disc is greater than that existing in the upper part of the valve. The valve closes when the pressures are balanced. A greater counter pressure will allow the valve to close.

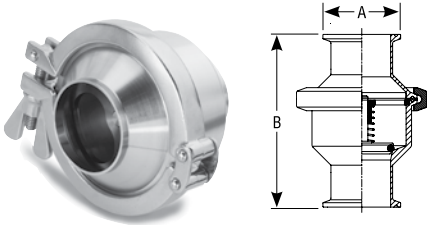
These valves are made from high-grade 316L heat traceable stainless steel. When properly installed, these valves are fully drainable and meet 3A standards. Valves can be easily disassembled and re-assembled for cleaning or maintenance.

Standard configuration is sanitary clamp with EPDM seal and 32 RA sanitary polish. Weld and threaded versions are available upon special request.

**Features:**

- **Material:** 316L Stainless steel (construction from forged parts)
- **Seal Material:** EPDM (other materials on demand)
- **Surface Finish:** 32 RA Mechanical Sanitary Polish
- **Connections:** Sanitary Clamp (standard), weld connection available
- **Working Temperature:** Maximum: 121°C. (EPDM)  
For higher temperatures other seals will be required
- **Max Pressure:** 145 PSI
- **Opening Pressure:**

1.0"	1.5"	2.0"/4.0"
4.35 PSI	2.9 PSI	1.45 PSI



Size	Part No.	A (in.)	B (in.)
1.0	PDCV-1.0-C-316L-(Specify Elastomer)	0.87	5.125
1.5	PDCV-1.5-C-316L-(Specify Elastomer)	1.37	5.125
2.0	PDCV-2.0-C-316L-(Specify Elastomer)	1.87	5.125
2.5	PDCV-2.5-C-316L-(Specify Elastomer)	2.37	6.375
3.0	PDCV-3.0-C-316L-(Specify Elastomer)	2.87	7.50
4.0	PDCV-4.0-C-316L-(Specify Elastomer)	3.84	8.125

AVAILABLE ELASTOMERS	
EPDM	Standard
PTFE	PTFE
UI	Buna
PX	Platinum Cured Silicone
SFY	Viton

**Part No. Breakdown Example**

**PDCV-2.0-C-316L-E\***

**PDCV** - Disk Check Valve

**2.0** - 2"

**C** - Clamp Connection

**316L** - 316L Stainless Steel

**E\*** - (EDPM Elastomers standard)