



BSV-Series Sample Valves

Features

- Valve body made from solid bar
- Drainable
- Connections suitable for orbital welding
- Available with single or dual ports
- Hermetically sealed against environment
- Optimum cleanability
- Change of seals without special tools
- Options for pneumatic actuator: no lever, with self-closing lever and with lever for open position
- Manual hand wheel

Materials

- Product contact materials: 1.4404/AISI 316L, PTFE bellows
- Non product contact materials: 1.4301/AISI 304

Specifications

- Maximum temperature: **250°F (121°C)**
- Maximum cleaning temperature: **275°F (135°C)** for 20 minutes
- Maximum pressure: **116 PSI**
- Actuator control air pressure: **87-145 PSI**
- Surface finish: Internal product contact surface finish ≤ 32 Ra



single port manual hand wheel



dual port manual hand wheel

Clamp Valve Size	Weld Port Size	Single Port Manual Part #	Dual Port Manual Part #
1/2"	1/4"	BSVS-HC050B025	BSVD-HC050B025
	3/8"	BSVS-HC050B375	BSVD-HC050B375
	1/2"	BSVS-HC050B050	BSVD-HC050B050
1" - 1-1/2"	1/4"	BSVS-HC100B025	BSVD-HC100B025
	3/8"	BSVS-HC100B375	BSVD-HC100B375
	1/2"	BSVS-HC100B050	BSVD-HC100B050
2"	1/4"	BSVS-HC200B025	BSVD-HC200B025
	3/8"	BSVS-HC200B375	BSVD-HC200B375
	1/2"	BSVS-HC200B050	BSVD-HC200B050
2-1/2"	1/4"	BSVS-HC250B025	BSVD-HC250B025
	3/8"	BSVS-HC250B375	BSVD-HC250B375
	1/2"	BSVS-HC250B050	BSVD-HC250B050
3"	1/4"	BSVS-HC300B025	BSVD-HC300B025
	3/8"	BSVS-HC300B375	BSVD-HC300B375
	1/2"	BSVS-HC300B050	BSVD-HC300B050
4"	1/4"	BSVS-HC400B025	BSVD-HC400B025
	3/8"	BSVS-HC400B375	BSVD-HC400B375
	1/2"	BSVS-HC400B050	BSVD-HC400B050

Size	Repair Kit Part #
1/2" to 4"	BSV-NRKS050400

NOTE: Repair kit contains: (1) silicone O-ring, (1) PTFE bellows