



VALVES

Check Valves

BiS offer a comprehensive range of stainless steel check valves and shuttle valves for use on a wide range of operating media. The check valves are available with port sizes from 1/4" to 2" and the shuttle valves are available with port sizes from 1/4" to 1/2".

The check valves are suitable for use on liquid and gases, with pressures up to 1379 bar (20,000 psi). The sealed poppet technology used in the valve design offers excellent leakage performance throughout the pressure range.

The shuttle valves are available for pressure ranges up to 690 bar (10,000 psi) and variants are available for both liquid and gas duty.



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	Nominal Size	Max Pressure		Media	Valve Type
Check Valves	1/4"	621 bar	(9,000 psi)*	Liquids & Gases	C25
	3/8"	621 bar	(9,000 psi)*	Liquids & Gases	C37
	1/2"	621 bar	(9,000 psi)*	Liquids & Gases	C50
	3/4"	621 bar	(9,000 psi)*	Liquids & Gases	C75
	1"	621 bar	(9,000 psi)*	Liquids & Gases	C100
	1 1/4"	483 bar	(7,000 psi)*	Liquids & Gases	C125
	1 1/2"	414 bar	(6,000 psi)*	Liquids & Gases	C150
	1/4"	828 bar	(12,000 psi)*	Liquids & Gases	NR25
	1/4"	1,379 bar	(20,000 psi)*	Liquids & Gases	NR25 (20K)
	3/8"	828 bar	(12,000 psi)*	Liquids & Gases	NR37
	1/2"	828 bar	(12,000 psi)*	Liquids & Gases	NR50
	1/2"	1,379 bar	(20,000 psi)*	Liquids & Gases	NR50 (20K)
	3/4"	828 bar	(12,000 psi)*	Liquids & Gases	NR75
	1"	621 bar	(9,000 psi)*	Liquids & Gases	NR100
	1 1/4", 1 1/2", 2"	414 bar	(6,000 psi)*	Liquids & Gases	NR200
Shuttle Valves	1/4"	690 bar	(10,000 psi)	Liquids	SV25
	1/4"	552 bar	(8,000 psi)*	Liquids & Gases	SV50/25
	3/8"	552 bar	(8,000 psi)*	Liquids & Gases	SV50/37
	1/2"	552 bar	(8,000 psi)*	Liquids & Gases	SV50/50

Check Valves

Check Valves

- ☑ Manifold mount and cartridge versions available
- ☑ Suitable for liquid and gas duty
- ☑ Virtually zero leakage from elastomeric sealing technology
- ☑ Suitable for use in subsea environments
- ☑ Various seal and port options available
- ☑ NACE MR-01-75 compliant versions available
- ☑ Variants available for use with corrosive fluids
- ☑ Available with non standard cracking pressures

Shuttle Valves

- ☑ Variants available for liquid and gas duty
- ☑ Various port and seal options available
- ☑ Variants available for use in subsea environments
- ☑ Compact cartridge versions available
- ☑ NACE MR-01-75 compliant versions available

