



VALVES

Relief Valves

BiS offer a comprehensive range of stainless steel safety relief and relief valves for use on a wide range of media, from low pressure valves that vent to atmosphere, to high pressure (1379 bar, 20,000 psi) piped return valves. Typically, low pressure valves offer a pop-open characteristic, while higher pressure valves offer proportional or metering style operation.

BiS relief valves are CE marked to denote approval as Category IV safety accessories under the 97/23/EC Pressure Equipment Directive.

Many options are available, including cartridge and manifold mounted versions, and many valves are available in exotic materials, including monel, inconel, hastelloy and titanium.



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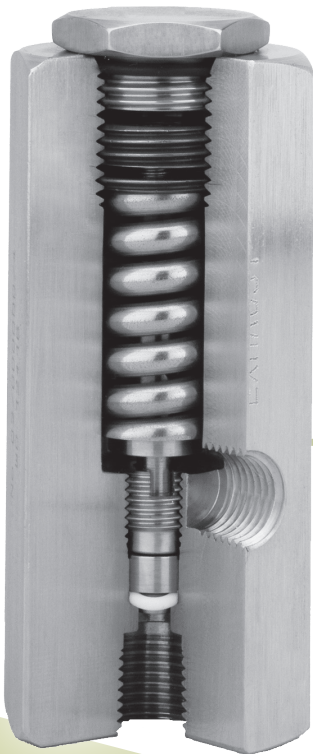
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	Connection	Max Pressure	Media	Valve Type
Safety Relief Valves	1/4"	40 bar (580 psi)	Liquids & Gases	S25 & TS25
	3/8"	40 bar (580 psi)	Liquids & Gases	S37 & TS37
	1/2"	40 bar (580 psi)	Liquids & Gases	S50 & TS50
	3/4"	40 bar (580 psi)	Liquids & Gases	S75 & TS75
	1"	28 bar (406 psi)	Liquids & Gases	S100 & TS100
Relief Valves	1/4"	1,379 bar (20,000 psi)	Liquids	RL25
	1/4"	414 bar (6,000 psi)	Liquids & Gases	RL25-G
	3/8"	1,379 bar (20,000 psi)	Liquids	RL37
	3/8"	414 bar (6,000 psi)	Liquids & Gases	RL37-G
	1/2"	1,034 bar (15,000 psi)	Liquids	RL50
	1/2"	414 bar (6,000 psi)	Liquids & Gases	RL50-G
	3/4"	1,034 bar (15,000 psi)	Liquids	RL75
	3/4"	414 bar (6,000 psi)	Liquids & Gases	RL75-G
	1"	207 bar (3,000 psi)	Liquids	RL100
1"	207 bar (3,000 psi)	Liquids & Gases	RL100-G	

Relief Valves

Safety Relief Valves



- ✓ Set pressures from 0.7 bar to 40 bar
- ✓ 1/4" to 1" ports, typically NPT or BSP
- ✓ Vent to atmosphere and threaded exhaust designs
- ✓ Pop open characteristic for maximum discharge capacity
- ✓ Elastomeric sealing technology for virtually zero leakage at 90% of set pressure
- ✓ Suitable for liquid and gas applications
- ✓ Various seal options available



Relief Valves

- ✓ Set pressures from 27 bar to 1379 bar
- ✓ 1/4" to 1" ports available
- ✓ NPT, BSP and medium pressure port options
- ✓ Subsea variants available
- ✓ Liquid and gas duty variants
- ✓ Various seal options
- ✓ Cartridge versions available