



VALVES

Flow Control Valves

BIS offer a comprehensive range of stainless steel shut-off and metering valves for use on a wide range of operating media.

The range includes shut-off valves intended for leak tight isolation and metering valves for flow or speed control, with and without reverse flow check functions.

Designs are available up to 1,379 bar (20,000 psi), with a large number of installation options, including in-line ported and cartridge style valves. New to the range, shut-off valves are now available in configurations that match industry standard porting layouts for medium pressure valves.



Contacts

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	Nominal Size	Max Pressure*		Valve Type
Shut-Off Valves	1/8"	1,379 bar	(20,000 psi)	BNV10 BNV25 BNV25/37 BNV44AE BNV56AE BNV81AE
	1/4"	862 bar	(12,500 psi)	
	3/8"	862 bar	(12,500 psi)	
	1/4"***	1,379 bar	(20,000 psi)	
	3/8"***	1,379 bar	(20,000 psi)	
	9/16"***	1,379 bar	(20,000 psi)	
Metering Valves	1/8"	552 bar	(8,000 psi)	VFMF25/12 VFMF25 FMF25 MF25 MF37 MF50 MF75 MF100
	1/4"	552 bar	(8,000 psi)	
	1/4"	552 bar	(8,000 psi)	
	1/4"	552 bar	(8,000 psi)	
	3/8"	552 bar	(8,000 psi)	
	1/2"	552 bar	(8,000 psi)	
	3/4"	552 bar	(8,000 psi)	
	1"	552 bar	(8,000 psi)	
Metering with Check (micrometer adjustment)	1/4"	552 bar	(8,000 psi)	CMF25 CMF37 CMF50 CMF75 CMF100
	3/8"	552 bar	(8,000 psi)	
	1/2"	414 bar	(6,000 psi)	
	3/4"	414 bar	(6,000 psi)	
	1"	414 bar	(6,000 psi)	
Metering with Check (barrel adjustment)	1/4"	552 bar	(8,000 psi)	IMC25 IMC37 IMC50
	3/8"	552 bar	(8,000 psi)	
	1/2"	552 bar	(8,000 psi)	
Pressure Compensated Flow Control Valves	3/8"	690 bar	(10,000 psi)	PCFR50/37 PCFR50
	1/2"	690 bar	(10,000 psi)	

Flow Control Valves

Shut-off Valves

- ☑ Stainless steel construction for use with a wide range of operating media
- ☑ Non-Rotating Stem Design to reduce seat galling
- ☑ Elastomeric stem seals eliminate need to tighten glands
- ☑ Available with in-line ports, cartridge style for manifold installation, and with industry standard port layouts to suit medium pressure tubing applications

Metering Valves

- ☑ Micrometer or barrel style adjustment for accurate flow control
- ☑ Very fine (VFMF) and fine (FMF) metering control options
- ☑ Models available with integral check valve for uni-directional metering
- ☑ Pressure compensated models provide constant flow with variable pressure differentials

