The selection is detailed on page 4

BX65

Instrument Stop Valve

Product application

Shut-off and throttle valves for liquid, gas and steam pressure measuring instruments

Stainless steel models can be used in aggressive media and aggressive environments

Process industry: Machinery manufacturing, general equipment construction,

Chemical and petrochemical industries, power stations, mining, onshore and offshore applications, and environmental technologies

Product description

Stop valves separate the process from measuring instruments such as pressure gauges, switches or transmitters. By closing this valve, the instrument can be safely removed for services such as recalibration or replacement. The exhaust valve allows the instrument to be safely vented prior to disassembly or zero check. With a non-rotating spindle tip, wear on sealing elements is reduced. This results in a significant increase in service life, especially with frequent opening and closing.

The anti-blowout design of the valve improves work safety, especially in applications with high pressure loads.
As an alternative, Rodeweig offers professional valves and pressure measuring instruments as well as other accessories assembled into an out-of-the-box solution, also known as connection. To ensure the performance of the entire system, additional leak tests are performed on the connections.

Functional characteristics

Low wear design thanks to the non-rotating spindle tip in the bonnet

Low torque and smooth operation of the valve handle even under high pressure

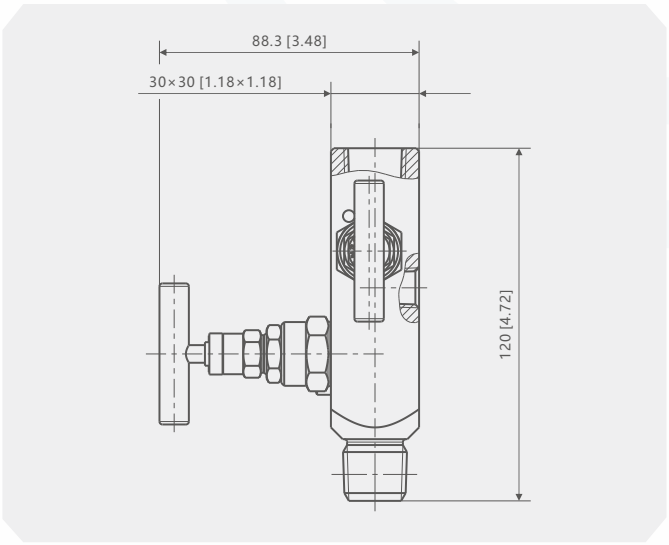
Explosion-proof valve cover design improves safety

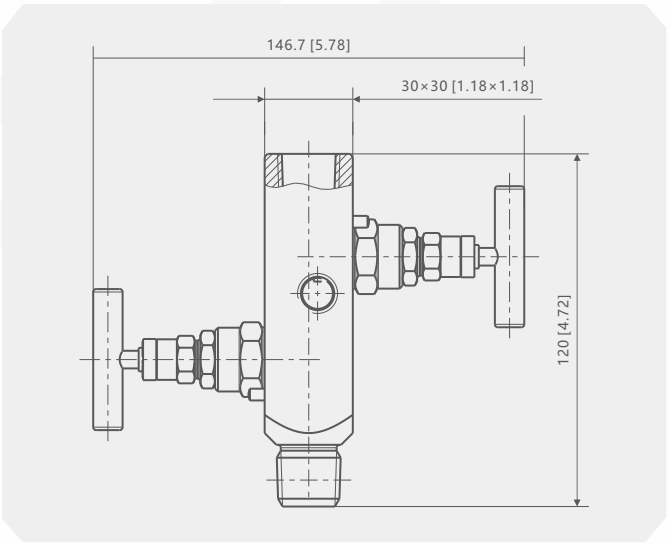
Valve and meter combinations can be customized according to customer requirements (connection)

Technical parameter

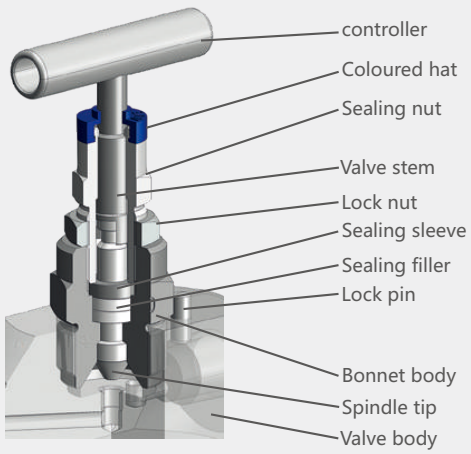
Standard term	
design	ASME B16.34, Valves - Flanges, threads and welded ends
	ASME B1.20.1, Pipe thread, general purpose (in.)
	ASME B31.3, process piping
	MSS SP-99, valves for measuring instruments
test	API 598, Valve inspection and testing
	ISO 5208, Pressure test of metal valves with leakage rate A
	MSS SP-61, valve pressure test
Material requirement	NACE MR0175 / ISO 15156 for hydrogen sulphide environments in oil and gas production
	NORSOK M-630, specification for pipe use
marking	Mark MSS SP-25 on the valve
Process connection/ instrument connection	1/2 NPT external thread / 1/2 NPT internal thread
	1/2 NPT internal thread / 1/2 NPT internal thread
	1/4 NPT external thread / 1/4 NPT internal thread
	1/4 NPT internal thread / 1/4 NPT internal thread
	G 1/2 external thread/G 1/2 internal thread
Exhaust connection	1/2 NPT internal thread, plug screws included in delivery but not preloaded
Install	No mounting holes
	Suitable for mounting bracket with mounting hole
Allowable working pressure	≤ 420 bar or 6,000 psi
	≤ 690 bar or 10,000 psi
Bonnet design	Standard version (see page 3)
Special design function	none
	For oxygen free, oil free and grease free

Size mm





Size mm



specification	
Meet the standard	ASME VIII div. 1 and MSS SP-99
	TA-Luft (VDI 2440) and ISO-15848-1 (option)
Dust cap color code	Blue: Off
	Red: exhaust
Spindle tip	No rotation, low wear, explosion-proof
Valve seat	Metal to metal, back seat design
Valve hole size	4 mm [0.16 in]

BX65-Selection composition

Selection example **BX65** H / U / V (1 / 2 / 3)

1.Meter connection specification	A	1 NPT	
	B	1/2NPT	
	C	1/4NPT	
	D	M14*1.5	
	E	M20*1.5	
	F	M27*2	
	G	G 1	
	H	G1/2	
	I	G1/4	
	T( )	Other connection specifications	
2.Field connection specification	N	1 NPT	
	O	1/2NPT	
	P	1/4NPT	
	Q	M14*1.5	
	R	M20*1.5	
	S	M27*2	
	T	G 1	
	U	G1/2	
	V	G1/4	
	T( )	Other connection specifications	
3.Material	X	Carbon steel	
	V	304SS	
	Z	316L	
	T( )	Other materials	

Instructions:

It indicates that the BX65 globe valve is G1/2 connected to the instrument and G1/2 connected to the field. The material is 304 stainless steel。

Product Certification

Compliance and approval; Rodeweig pressure meets key standards and certifications for process measurement technology; Thus guaranteeing the highest reliability in such Settings;