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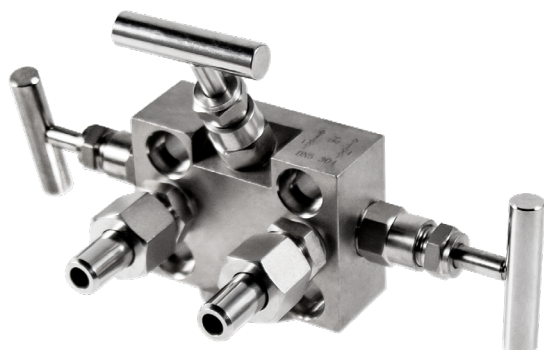
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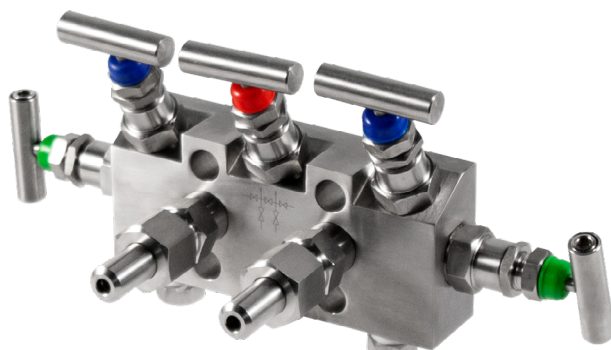
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Аксессуары для установки — клапанные блоки серии FZ. Технические характеристики.



FZ30



FZ50

Description

FZ series valve manifolds are mainly used for input signal switching on and switching off, pressure balance and discharge operation of pressure/differential pressure transmitters, convenient for instruments installation, maintenance and inspection. Valve manifolds are divided into stop valve, 2-valve manifolds, 3-valve manifolds and 5-valve manifolds.

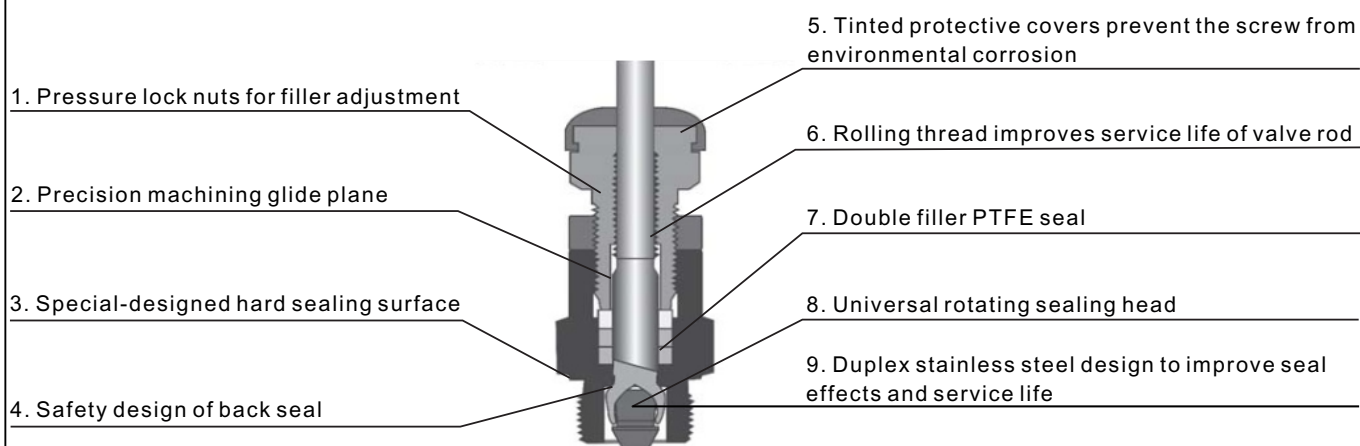
FZ series valve manifolds are widely used in industries of petroleum, chemical, metallurgical, power, liquid, natural gas and various of conveying pipelines.

Main parameters

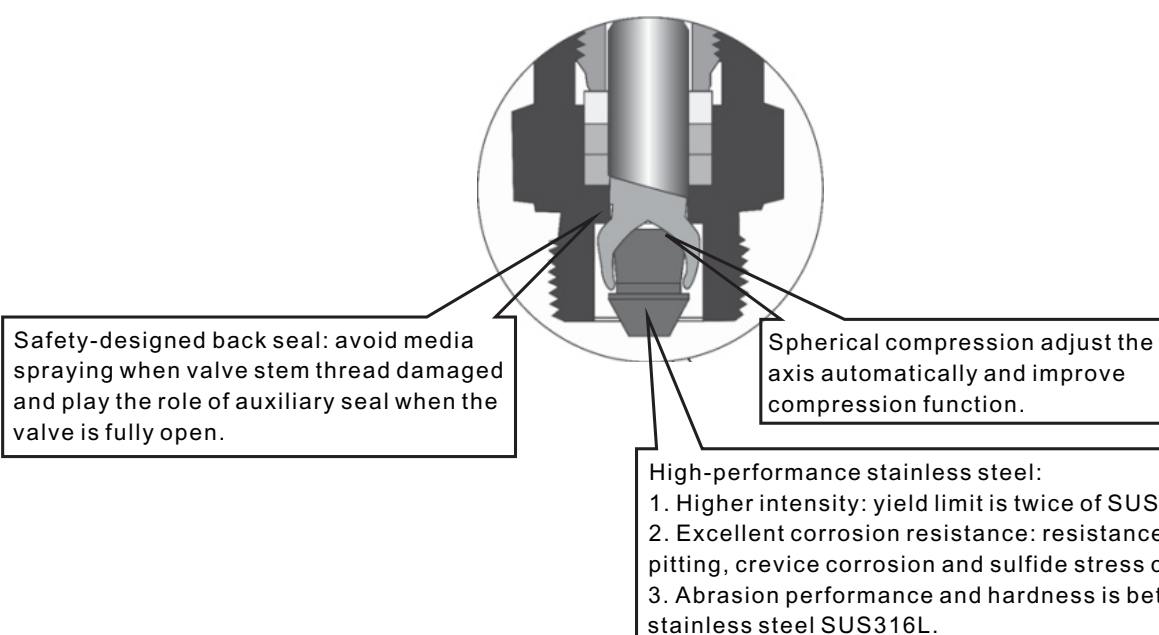
Safety shotpin	Adopting stainless steel pin to prevent the valve seat out off the valve body due to vibration.
Valve body design	Integral structure, firm and reliable.
Valve seat seal	Stainless steel seal, safe and reliable.
Valve spool	High-performance duplex stainless steel and spherical positioning function to improve sealing performance and service life of the valve.
Lubricating grease	Imported grease used between the sealing gasket and adjusting screw to reduce friction and improve sealing performance.
Material	SUS316, SUS304, Monel, Hastelloy C
Marked cover	Green, red, blue mark for pressure-leading valve, balance valve, draining valve respectively
Stuffing box filler	PTFE
Working pressure	32MPa, 42MPa
Working temperature	≤150°C
Ambient temperature	-30°C ~93°C

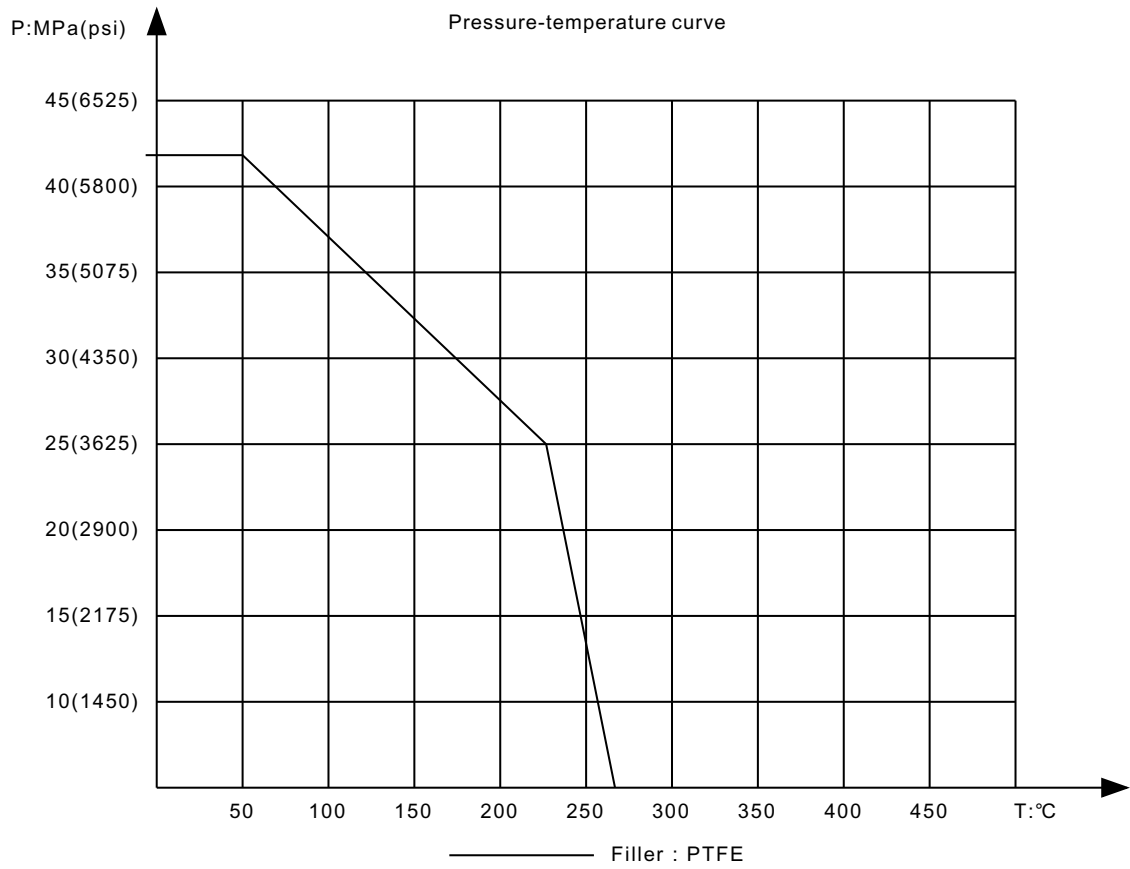
Structure features

Structure features of valve



Structure features of valve spool



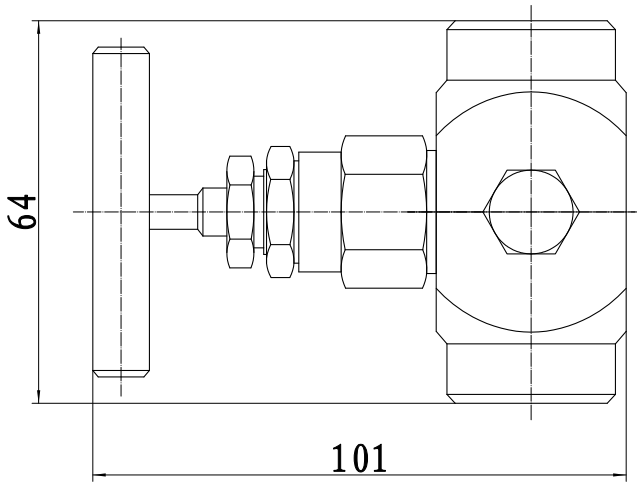
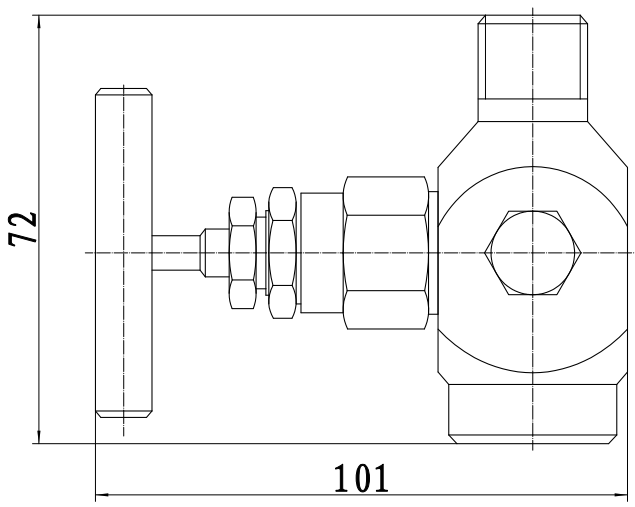
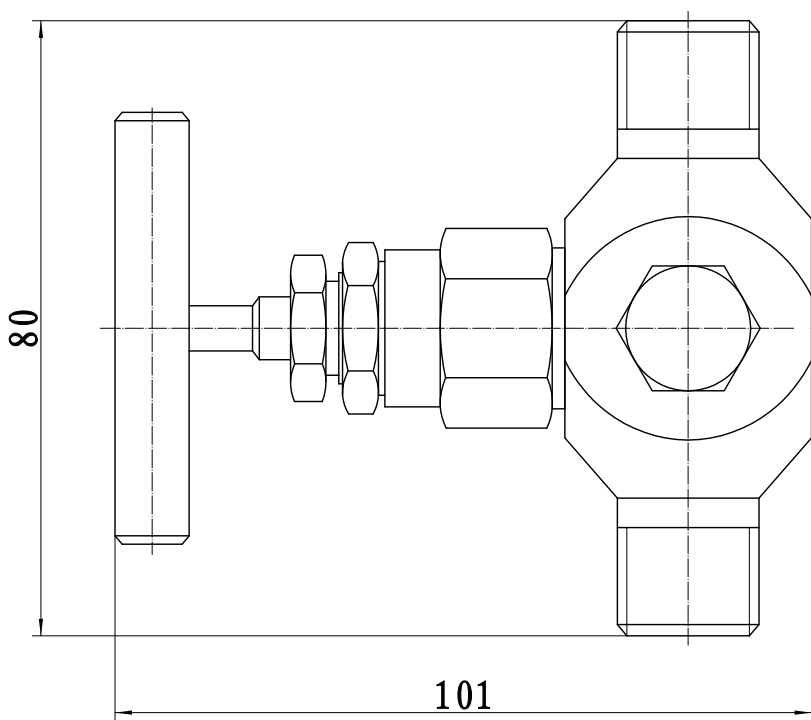
Pressure-temperature curve

FZ10 Stopvalve

The stop valve is used for pressure transmitter installation with thread connection to control the opening and closing of transmitter, or to discharge pressure.

Dimension

Unit: mm

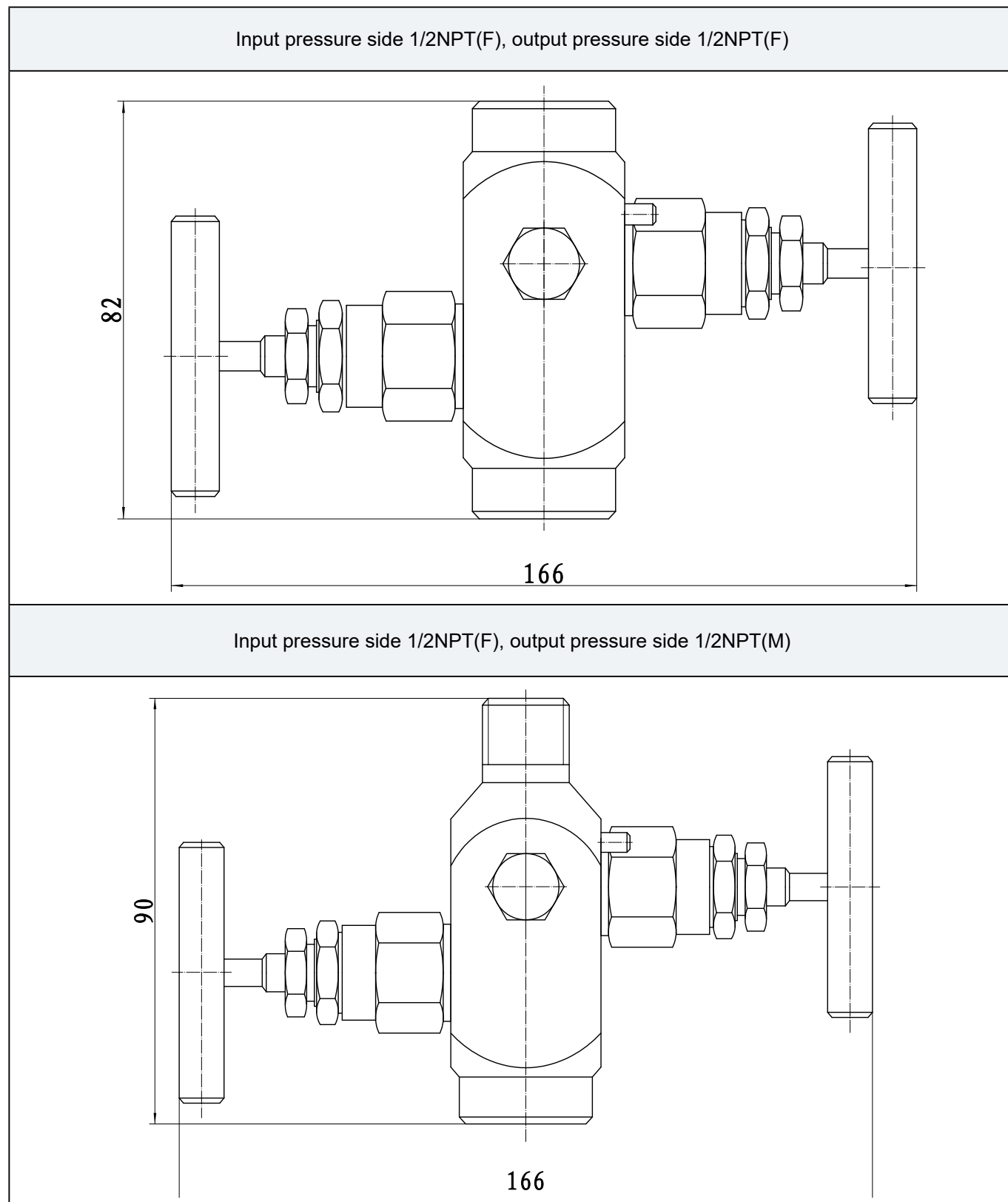
Input pressure side 1/2NPT(F), output pressure side 1/2NPT(F)	Input pressure side 1/2NPT(F), output pressure side 1/2NPT(M)
	
Input pressure side 1/2NPT(M), output pressure side 1/2NPT(M)	
	

FZ20 two-valve manifold

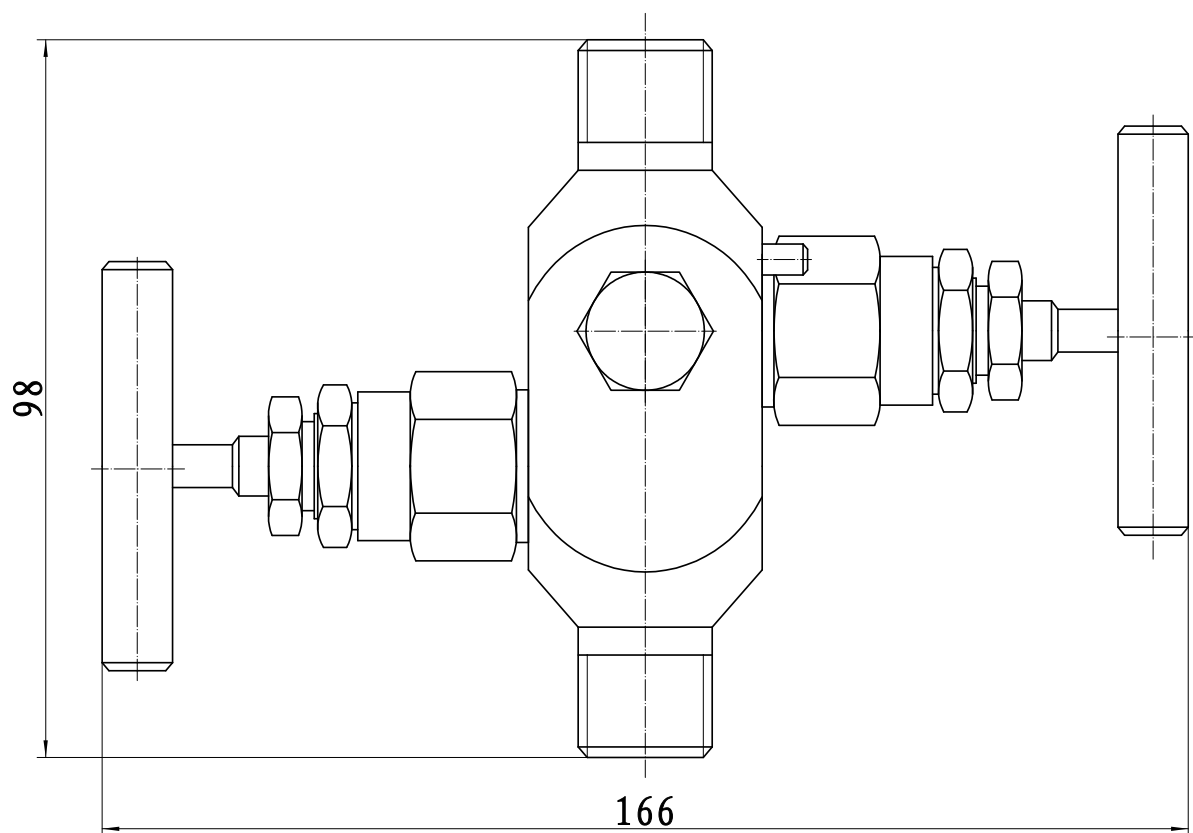
Two-valve manifold is the necessary accessory matched with intelligent pressure transmitters, the function is leading signal from the input-pressure point to the pressure transmitter measurement chamber and make them connected or disconnected. It is generally applied with control instruments at site to provide multiple channels for the instruments, reduce installation workload and improve system reliability.

Dimension

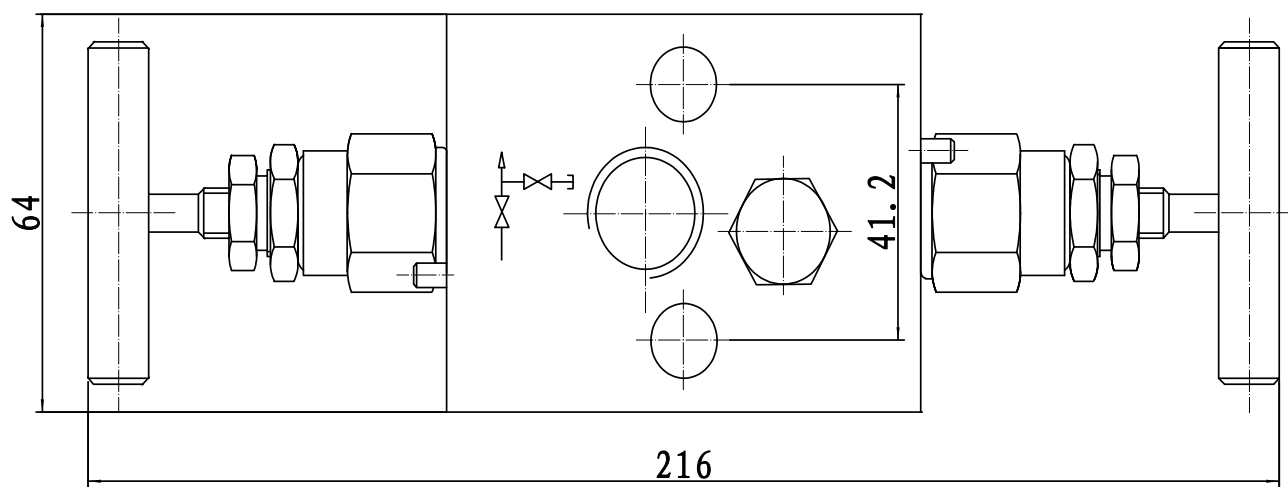
Unit: mm



Input pressure side 1/2NPT(M), output pressure side 1/2NPT(M)



Coplanar two-valve manifold



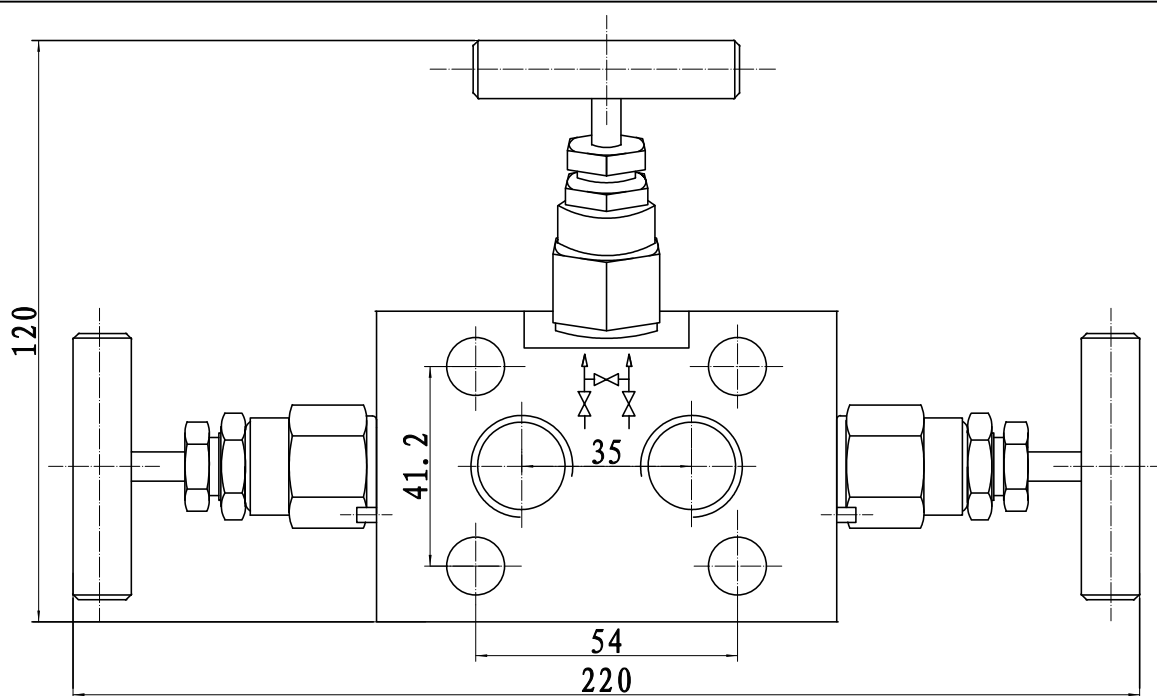
FZ30 three-valve manifold

Three-valve manifold is matched with intelligent pressure transmitters, the function is leading signal from the input-pressure point to the positive and negative measurement chamber of differential pressure transmitter, so to realize the input pressure signal opening, closing or balancing of the transmitter.

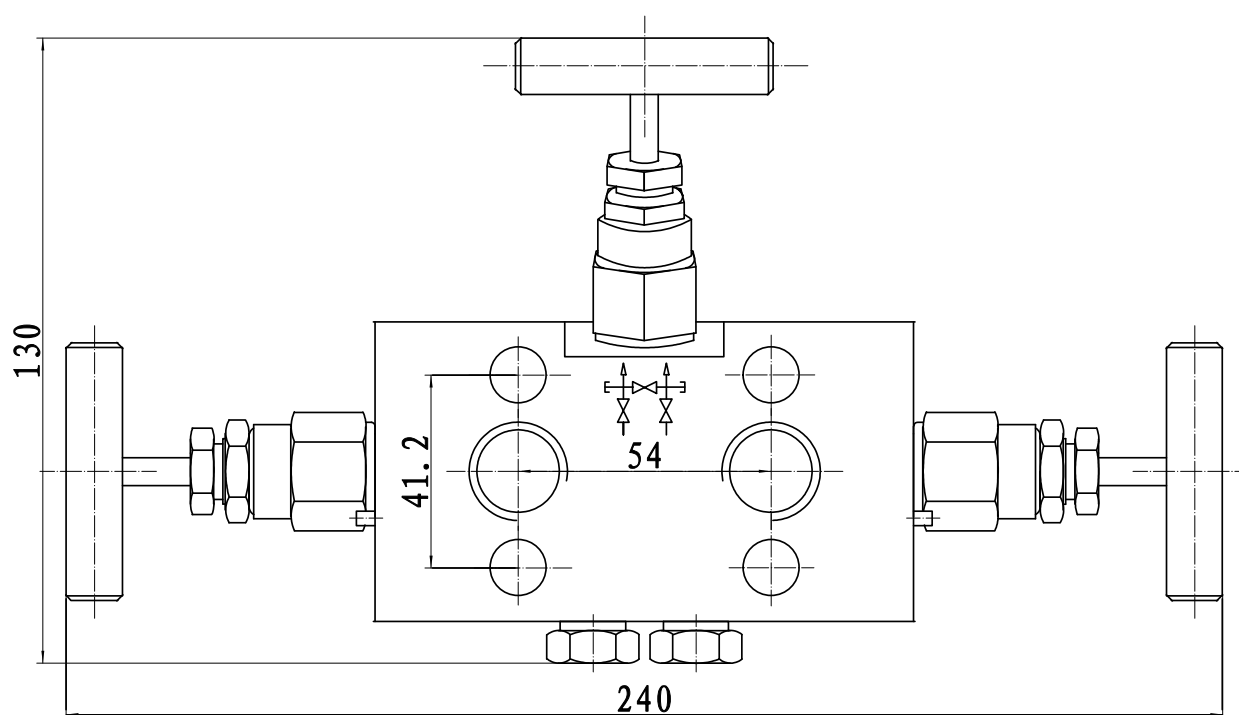
Dimension

Unit: mm

Input pressure side is hole center distance 35mm, output pressure side is flange, without drain hole



Input pressure side is hole center distance 54mm, output pressure side is flange, with drain hole



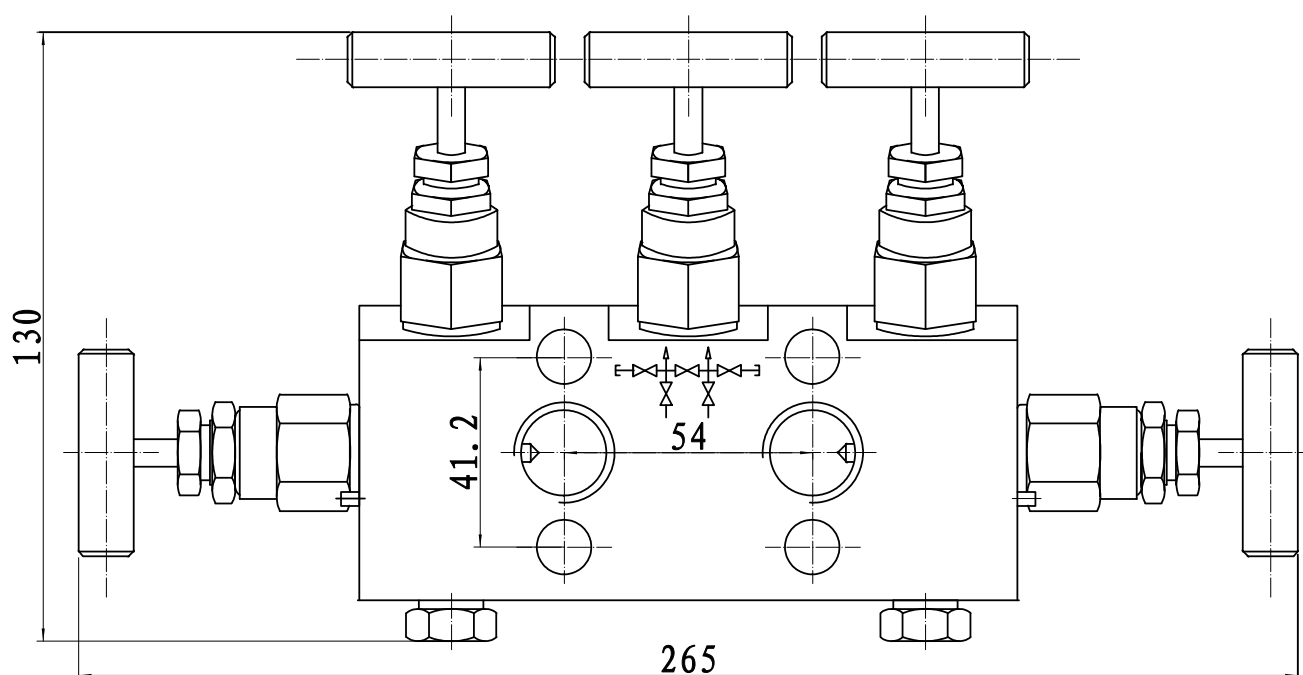
FZ50 five-valve manifold

Five-valve manifold is matched with intelligent pressure transmitters, the function is leading signal from the input-pressure point to the positive and negative measurement chamber of differential pressure transmitter and make them connected or disconnected, including two isolated stop valves, two testing drain valves and a balance valve. Applied two isolated stop valves and two testing drain valves, convenient to isolate (or close), balance and test (or drain) while differential pressure transmitter working.

Dimension

Unit: mm

Input pressure side is hole center distance 54mm, output pressure side is flange, without drain hole



Order Guide

Item	Parameters	Code	Instruction
	Model	FZ	Valve manifold
Valve manifold	Separator	-	Detailed specifications as following
	Code	10	Columnar stop valve
		20	Two-valve manifold
		30	Three-valve manifold
		50	Five-valve manifold
Process connection	Separator	-	Detailed specifications as following
	Input-side connection (Mechanical connection side)	M01	M20×1.5 Male,GB/T 193-2003
		M10	M20×1.5 Female,GB/T 193-2003
		G01	G1/2 Male, GB/T 7307-2001
		G02	G1/4 Male, GB/T 7307-2001
		G03	G1/2 Female, GB/T 7307-2001
		R01	1/2-14NPT Male, GB/T 12716-2011
		R02	1/4-18NPT Male,GB/T 12716-2011
		R03	1/2-14NPT Female,GB/T 12716-2011
		R04	1/4-18NPT Female,GB/T 12716-2011
		E01	M20×1.5 Female, φ14 flexible welding tube (input-side)
		E02	M20×1.5 Male, φ14 flexible welding tube (input-side)
	Output-side connection (Instruments side)	M01	M20×1.5 Male,GB/T 193-2003
		M10	M20×1.5 Female,GB/T 193-2003
		G01	G1/2 Male, GB/T 7307-2001
		G02	G1/4 Male, GB/T 7307-2001
		R01	1/2-14NPT Male, GB/T 12716-2011
		R02	1/4-18NPT Male,GB/T 12716-2011
		R03	1/2-14NPT Female,GB/T 12716-2011

		R04	1/4-18NPT Female,GB/T 12716-2011
		F01	Flange (output-side)
Valve body	Separator	-	Detailed specifications as following
	Material	4	SUS304
		6	SUS316
Center distance	Separator	-	Detailed specifications following
	Center distance between the two sides of the valve body	A	Instruments side 54mm, mechanical connection side 54mm (suitable for three-valve manifold and five-valve manifold)
		B	Instruments side 54mm, mechanical connection side 35mm (suitable for three-valve manifold and five-valve manifold)
		C	Instruments side 54mm, mechanical connection side 33mm (suitable for three-valve manifold and five-valve manifold)
	bleeder	P	1/4-18NPT Female,With plug
		T	1/4-18NPT Female
Nominal pressure	Separator	-	Detailed specifications as following
	Pressure	3	32MPa
		4	42MPa
Screw bolt	Separator	-	Detailed specifications as following
	Material	4	SUS304
		6	SUS316
	specifications	F	UNF 7/16-20
		M	M10×1.5

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