

ZSQR REGULATOR

Pneumatic Shut-Off Three Way Ball Valve

Valve description and operation

Pneumatic Ball Valve is the ball valve equipped with pneumatic actuator and other accessories, such as pilot, gas processing FRL, Limit switch, positioner, control box etc. It both can achieve the control on the spot and the remote control. The operator can control the valve by the switch in control box, it is not necessary to go to the far away, high or not safety place to control it by manual.

JINJIA has two types of Pneumatic Ball Valve, two way and three way. Regarding JINJIA pneumatic shut-off two way ball valve, please visit our JINJIA ZSHO REGULATOR for more

details. And now this is to introduce JINJIA ZSQR REGULATOR is a pneumatic three way ball valve. There are different combination regulating if changing the relative angle between the ball core and the three pipes, usually, there are mixing type and diverting type.

This regulator has the advantages as 1. Small size, compact structure, light weight. 2. Perfect sealing performance. 3. High accuracy output torque, especially for multi-channel scaling system. 4. Suitable for many control methods, including remote control.

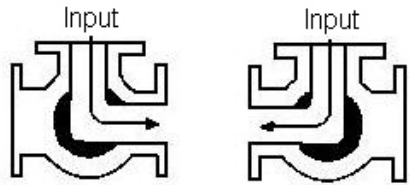
These regulators are designed and manufactured according to the standard of AMSE/API/BS/DIN/GB. Widely used in gas, liquid, steam, oil and other corrosive media pipeline automation control. Especially suitable for the following working place: 1. IC card water meter, heat meter, 2. Central Air-conditioning, fire sprinkler, 3. Solar energy drain valve, high efficiency water-saving, 4. Automatic control systems, water conservancy system, small-scale industrial automation equipment, environmental protection etc.



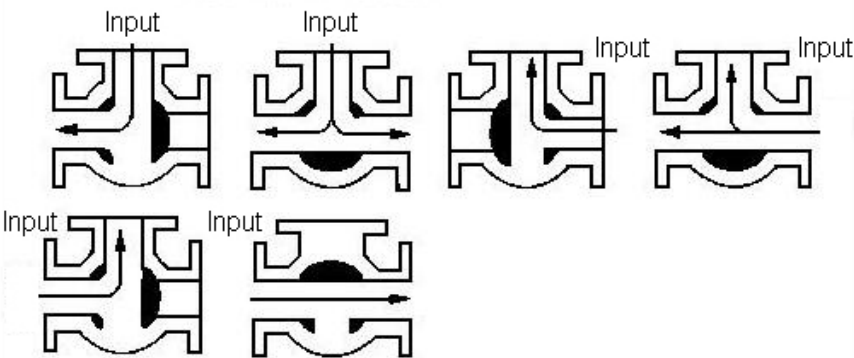
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Hangzhou Fuyang Jinjia Fluid Equipment Co., LTD



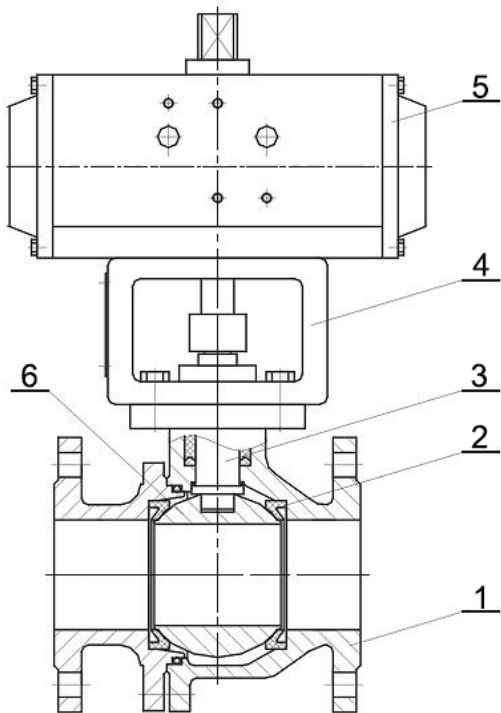
Flow diagram of L type



Flow diagram of T type



Valve Material



Parts	Material
Body/Cover	WCB(ZG230-450);CF8(304);
Core/Seat	304(0Cr18Ni9);316(0Cr17Ni12Mo2);316L(00Cr17Ni14Mo2)
Packing	PTFE;R.TFE;Graphite
Sealing Gasket	XB350;PTFE;
Stem	304;316;316L;17-4PH

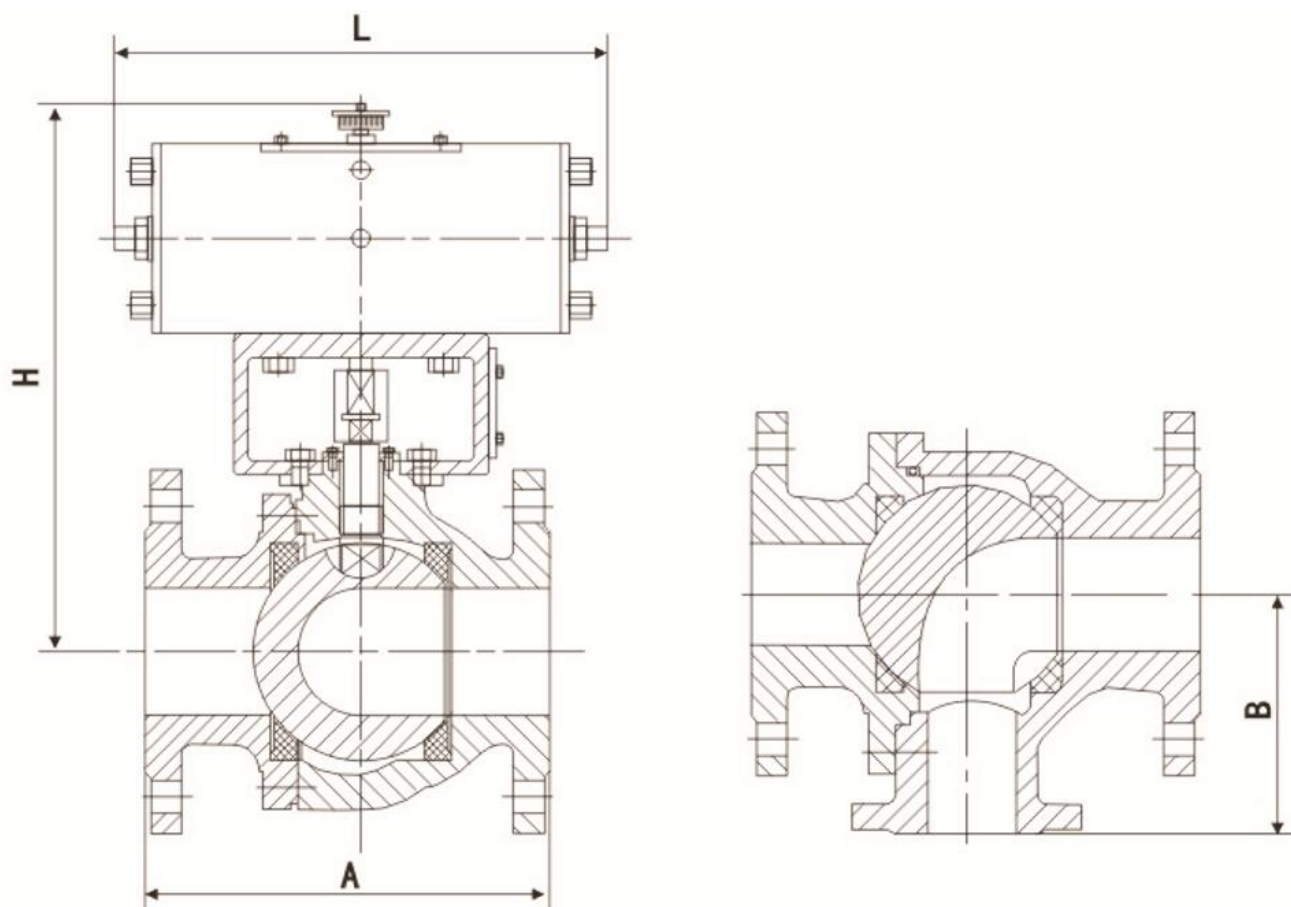
1.Body 2. Valve seat 3. Stem 4.Stents 5. Actuator 6. Valve core

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Valve Parameters

Nominal diameter DN(mm)	15	20	25	32	40	50	65	80	100	125	150	200
Coefficient(KV)	19	38	72	110	170	270	450	510	940	1400	2200	3500
Nominal pressure PN	1.6/4.0/6.4/10.0MPa											
Rotation Angle	90°											
Flow characteristic	Quick opening (on-off)											
Working TemperatureT(°C)	Ordinary : 40~180°C(Soft seal)											
Signal to take over the thread	M10×1											
Operating pressure	400~800KPa											

OverOverall Dimensions



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Units: mm

DN	Actuator		A	L	H	B
	double-acting	single-acting				
15	RC20-DA	RC20-SR	140	187(300)	234	70
25		RC40-SR	165	187(460)	259	82.5
40	RC40-DA		RC60-SR	230	320(460)	265
50		230		320(680)	342	115
65		270			397	135
80		290	405		145	
100		RC60-DA	350	548(680)	427	175
150			RC80-SR	440	548(920)	613
200	ZSH-7	ZSH-7S	580	1040(1387)	736	290