

ZXX/ZXQ REGULATOR

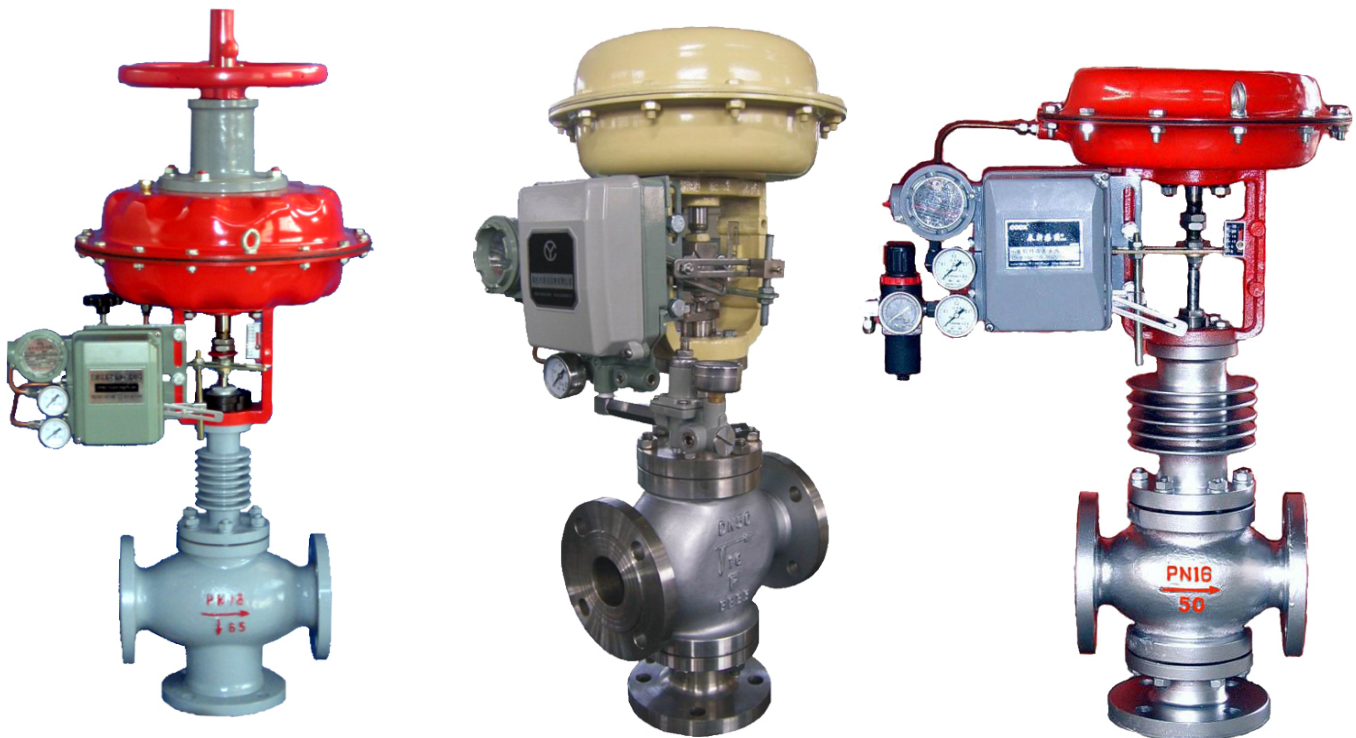
Pneumatic three-way regulating valve

Valve description and operation

ZXX REGULATOR and ZXQ REGULATOR consist of multi-Spring diaphragm pneumatic actuator and

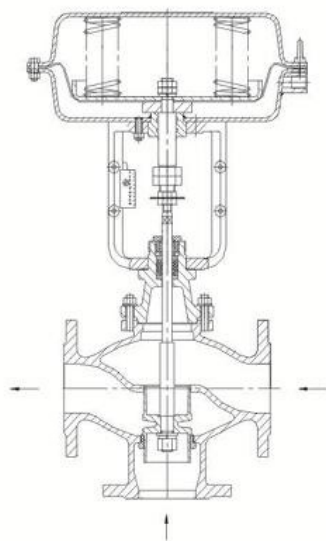
three-way regulating valve, they have the advantages of compact structure, light weight, easy assembly, disassembly and maintenance, with little noise and large flow.

These regulators are designed and manufactured according to the standard of AMSE/API/BS/DIN/GB. And it's widely used in the precise control of gas, liquid and steam medium, the process parameters such as pressure, flow rate, temperature and liquid level can be easily kept in a set value. ZXX REGULATOR is a diverter valve and ZXQ REGULATOR is a mixing valve.

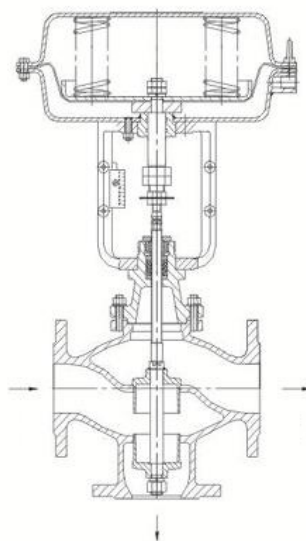


杭州富阳金嘉流体设备有限公司

Hangzhou Fuyang Jinjia Fluid Equipment Co., LTD



ZXQ REGULATOR(Mixing Valve)



ZXX REGULATOR(Diverter Valve)

Valve Parameters

Nominal diameter DN(mm)		25	32	40	50	65	80	100	125	150	200
Coefficient(KV)	Confluence	8.5	13	21	34	53	85	135	210	340	535
	Diverter	8.5	13	21	34	53	85	135	210	340	535
		Can be substituted for confluence structure									
Rated stroke(mm)		16	25			40			60		
Effective area of diaphragm Ae(cm²)		280	400			600			1000		
Nominal pressure (PN)		16;25;40;64									
Flow characteristic		Line; Percentage									
Adjustable (R)		30: 1									
Working Temperature T(℃)		Standard Type: cast iron - 20 ~ 200; Cast steel - 40 ~ 250; Cast stainless steel - 60 ~ 250; Cooling type: Cast steel - 30 ~ 450; Cast stainless steel - 60 ~ 450; High temperature Type: 450 ~ 560, 60 ~ 560									
Air pressure Ps (MPa)		0.14~0.4									
Leakage		10 ⁻⁴ ×The rated capacity									

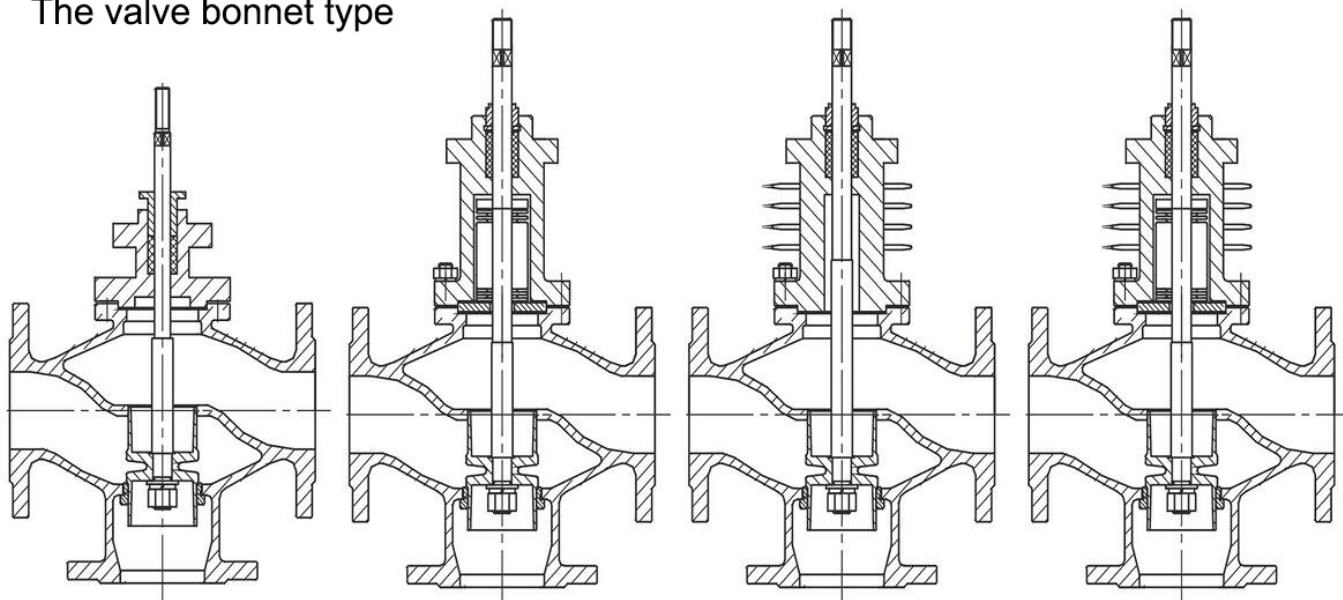
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Valve Material

Parts	Material
Body/Cover	WCB(ZG230-450)WCC(ZG270-500)WC6(ZG15CrMo) CF8(304)CF8M(316)CF3(304L)CF3M(316L)
Core/Seat	304(0Cr18Ni9);316(0KILL WEILL MJACr17Ni12Mo2);316L(00Cr17Ni14Mo2)+SST;17-4PH
Packing	PTFE+dl;R.TFE;Grafoil
Sealing Gasket	XB350;PTFE;Metal flexible graphite
STem	304;316;316L;17-4PH

Valve cover type

The valve bonnet type



Standard type

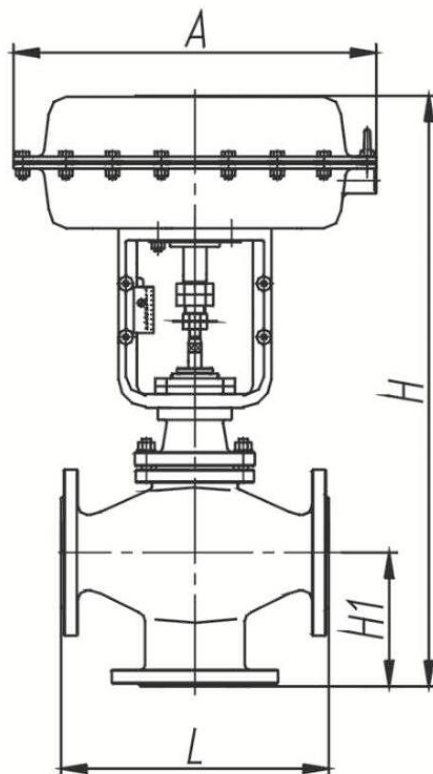
Bellows seal type

The cooling type

Bellows seal cooling type

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Overall Dimensions



(unit: mm)

Nominal diameter DN(mm)			25	32	40	50	65	80	100	125	150	200
A			282	306	306	306	394	394	394	498	498	498
H ₁	PN16		80	90	100	155	145	155	175	200	270	350
	PN40		80	90	100	155	145	155	175	200	270	350
	PN64		160	170	180	200	230	250	282	310	430	480
H	Standard Type	PN16	490	480	540	580	710	730	750	895	1005	1045
		PN40	490	480	540	580	710	730	750	895	1005	1045
		PN64	560	561	596	630	760	798	876	892	1200	1260
	The cooling type		600	615	650	670	850	870	900	1040	1330	1370
weight	Bellows seal type		600	615	650	670	850	870	900	1040	1330	1370
	Standard Type	PN16	21	23	33	36	64	72	92	155	193	286
		PN40	21	23	33	36	64	72	92	155	193	286
		PN64	25	28	40	45	74	85	112	180	243	336
L	The cooling type		Increase the weight(5-10)%									
	PN16		160	180	200	230	290	310	350	400	480	600
	PN40		160	180	200	230	290	310	350	400	480	600
L	PN64		230	260	260	300	340	380	430	500	550	650