

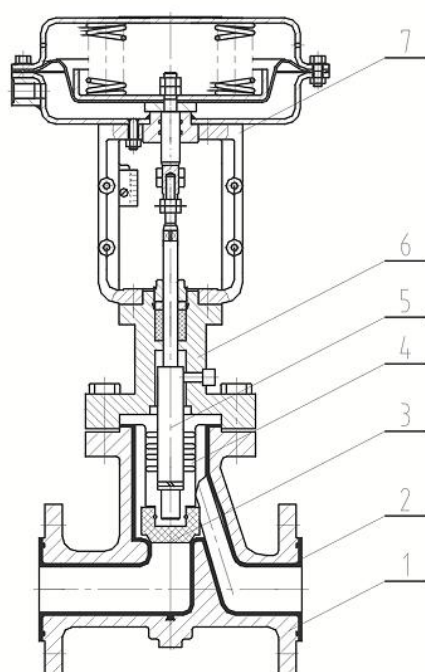
ZXPF REGULATOR

Pneumatic two-way corrosion resistant regulating valve

Valve description and operation

ZXPF REGULATOR is a corrosion resistant valve which consists of pneumatic diaphragm actuator and two-way regulating valve, all the parts touching the medium are made by high pressure plastic injection and with F46 lining, the sealing parts are PTFE bellows so this regulator can be resistant to acid and alkali and it can be widely used in the control of the strong corrosive medium such as acid, alkali and toxic and volatile gas in the industry of chemical, petroleum, metallurgy, medicine, electric power etc.

This regulator is designed and manufactured according to the standard of AMSE/API/BS/DIN/GB. we can also design and manufacture according to buyer's special requirement.



1. Body 2. F46 lining 3. Valve core 4. PTFE bellows
5. Stem 6. Cover 7. Pneumatic actuator
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杭州富阳金嘉流体设备有限公司

Hangzhou Fuyang Jinjia Fluid Equipment Co., LTD

Valve Parameters

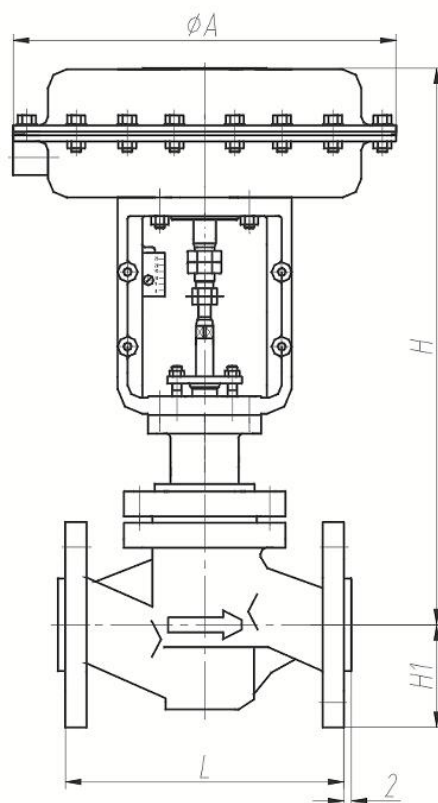
Nominal diameter DN(mm)		G3/4"						20				25	32	40	50	65	80	100	150
The seat diameter DN(mm)		3	4	5	6	7	8	10	12	15	20	26	32	40	50	65	80	100	150
Coefficient t(KV)	Percentage											8	12	20	32	50	70	100	240
	Line	0.08	0.12	0.20	0.32	0.5	0.8	1.2	2	3.2	5	10	16	25	38	63	80	120	300
Nominal pressure (PN)		1.0 1.6 2.5																	
Pneumatic actuators	Type	PZM-280						PZM-280				PZM-400		PZM-600			PZM-1000		
	Effective area of diaphragm Ae(cm²)	280						280				400		600			1000		
	Rated stroke(mm)	10						10, 16				25		40			60		
Spring range KPa		20~100/40~200 /80-240																	
Work way		Pneumatic open or Pneumatic off																	
Working TemperatureT(℃)		-20~+150℃																	
Adjustable (R)		30:1																	

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(0Cr17Ni12Mo2);316L(00Cr17Ni14Mo2)
Packing	PTFE;
Membrane Cover	A3;304
Corrugated Diaphragm	Nitrile Butadiene Rubber
Spring	60Si2Mn;50CrVA
STem	304;316;316L;17-4PH
Fluorine-butterfly	F46

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Overall Dimensions



(unit: mm)

Nominal diameter DN(mm)	3/4"	20	25	32	40	50	65	80	100	150
L	150	150	160	180	200	230	290	310	350	480
A	280	280	280	304	304	304	394	394	394	498
H	401	450	485	495	523	523	697	699	699	817
H ₁	50	65	70	80	71	88	102	140	170	190
weight kg	17	17	19	21	28	31.5	54	64	80	120