ZZVP型自力式微压调节阀
RATED MICRO PRESSURE CONTROL VALVE

产品概述Product Overview

ZZVP-B系列自力式微压调节阀是一种无需外来能源的节能型产品，利用工业管道中介质的压力变化与信号进行调节，调节介质的压力与执行机构的输出力产生平衡，阀门压力至设定点，以达到稳定压力、和流量值值。

The serles of self operated mlcro pressure egulatlng valve produced bythe company is an energy-saving product without extemal energy.Thepressure change and signal of the medium in the process pipeline arecompared to make the force of the regulated medlum and the outputforce of the actuator balance,so as to achieve stable pressure anddifferentlal pressure.

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ZZVP-K泄氮阀，用罐内反馈结构、介质直接经过阀盖进入检测机构，介质在检测元件上产生一个作用力与预设弹簧预紧力相平衡。泄氮装溢压力设定点时，平衡被破坏，使阀芯下移，打开阀门，向外界泄放氮气；当蹭内压力降至泄氮装置压力设定点，由于预设弹簧力作用，弹簧力关闭阀门。

ZZVP-K nitrogen release valve uses a feedback structure inside the tank, and the medium directly enters the detection mechanism through the valve cover. The medium generates a force on the detection element that balances with the preset spring preload force. When the pressure set point for nitrogen release is exceeded, the balance is disrupted, causing the valve core to move downwards, opening the valve, and releasing nitrogen gas to the outside; When the internal pressure drops to the pressure set point of the nitrogen release device, the valve is closed by the preset spring force.

技术参数Technical Parameters

公称通径DN(mm) NPS(In)		15 1/2"	20 3/4"	25 1"	32 1-1/4"	40 1-1/2"	50 2"	65 2-1/2"	80 3"	100 4"	125 5"	150 6"
额定流量系数Kv Rated flow coefficient		7	11	20	30	48	75	120	190	300	480	760
允许压差 MPa Allowable pressure differential	PN16	1.6								1.5		1.2
	PN40	2.0										
阀盖形式 Bonnet type		标准型 Standard type										
压盖型式 Gland type		螺栓压紧式 Bolt pressing iype										
密封填料 Sealing packing		聚四氟乙烯、柔性石墨 PTFE, Flexible graphite										
压力范围 Pressure range (Kpal)		0.5~6 5~10 9~15 12~19 18~25 22~30 28~35 32~40 38~50 48~60 58~72 70~100										
最小压差PM inimum Pressure difference		≥0.01(MPa)										
工作温度 Working temperature		≤80℃										
适合介质 Suitable medium		气体、蒸汽、低粘度液体 Gas，Steam, Low vliscosltyllquld										
阀芯形式 Plug form		单座、套筒型阀芯 Tho singlo soator，slo vo lypo valve										
流量特性 Flow characteristics		直线性 Stralght Ilne										

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主要性能参数 Main Performance Parameters

调节精度 Adjustment precislon		≤10%									
允许泄漏量 Allowable leakage	硬密封 Hard seal	4x0.01%阀额定容量Rated valve capaclty									
	软密封 Soft seal	DN(mm)									
		20	25	32	40	50	65	80	100	125	150	200
		0.15		0.3		0.45	0.6	0.9	1.7	4.0		6.75

主要外形连接尺寸MainExternal ConnectionDimensions

公称通径DN(mm) NPS(In)	20 3/4"	25 1"	32 1-1/4"	40 1-1/2"	50 2"	65 2-1/2"	80 3"	100 4"
L	180	188	200	220	252	275	300	350
H	52.5	57.5	70	75	82.5	92.5	100	110
H1	413	440	475	500	515	645	665	690
A	308	308	308	308	308	394	394	394
导压管接口螺纹 Interface thread	M16x1.5							
重量G (Kg)	11	12	13	15	17	20	28	38

注：1、表中尺寸为不带附件标准数据，附件尺寸根据实际配置计算。

2、由于产品的技术创新与改进，尺寸可能会有所变化，最新资料请联系本公司技术部。

Note:1.The dimensions in the table are standard data without accessories.The dimensions of accessories are calculated according to the actual configuration. 2. Due to the technical innovation and improvement of the product, the size may change. Please contact the technical department of the Company for the latest information.