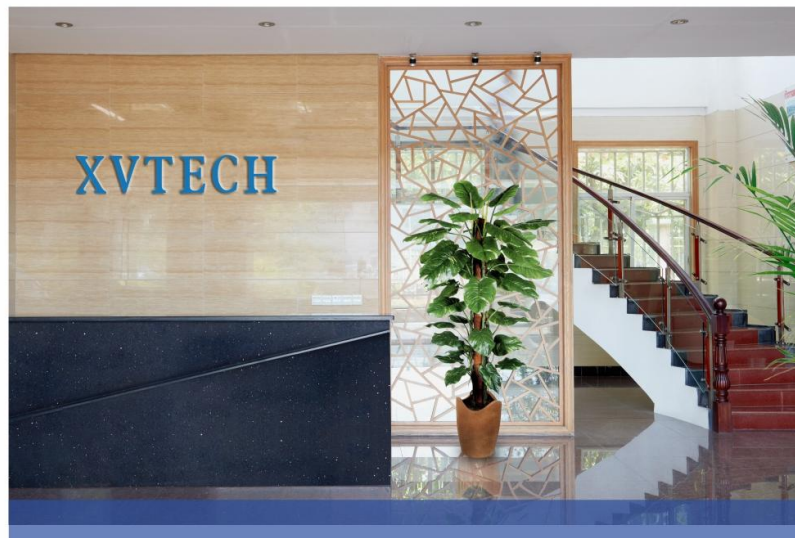




公司简介

COMPANY PROFILE

新炜特流体科技是三技精密技术（广东）股份有限公司旗下专门致力于泵阀科研、开发设计、生产、检测、销售、服务为一体的事业部门，公司地处佛山市禅城区华宝南路，占地面积约5000平方米，现有200余名员工。年生产各型精密铸件1500余吨，目前主要产品有蝶阀，调节阀，角座阀，球阀，染整环保节能专用水泵等，产品广泛用于印染，机械，石油，化工，电力，污水处理，冶金，造纸，给排水系统等行业，产品远销美国、德国、英国、法国、意大利、日本等众多国家和地区。公司拥有先进的全硅溶胶脱蜡精密铸造生产和检测设施，从德国引进的SPECTROMAXx直读光谱分析仪，快速精确的金属分析技术，为铸件产品提供了有效科学的检测保证。

公司一直奉行“以质量求生存，靠科技求发展”的宗旨。在实施全面质量管理的基础上，以精良的工艺装备，先进合理的设计，专业化的生产，外观与内在并重的质量理念和用户至上的服务意识，及具有竞争力的成本。公司追求先进的技术，精益生产管理模式，标准化、规范化、程序化、优质高效、创新务实、努力打造优质品牌，致力为您提供精良的品质和优质的服务。

Xvtech Fluid Technology is a branch of Texpro Precision Technology (Guangdong) Co., Ltd. ,which is dedicated to the research, development, design, production, testing, sales and service of pumps and valves. Our company is located in South Huabao Road, Chancheng District, Foshan, Guangdong, China., Covering an area of 5000 square meters, and wich more than 200 employees. its annual production of various types of precision castings has reached more than 1,500 tons. At the moment, its main products are butterfly valves, regulating valves, angle seat valves, ball valves, dyeing and finishing environmental protection and energy saving pumps, etc. The products are widely used dyeing and finishing, machinery, petroleum, chemical, electric power, sewage treatment, food, metallurgy, paper, water supply, drainage systems and other industries. And the products are exported to the United States, Germany, Britain, France, Italy, Japan and many other countries and regions. Our company has advanced all-silica sol dewaxing precision casting production and testing facilities. The SPECTROMAXx direct reading spectrum analyzer is imported from Germany. With fast and accurate metal analysis technology, it provides an effective scientific testing guarantee for casting products.

Our company has always pursued the tenet of "survive by quality, and develop by technology". On the basis of the implementation of total quality management, our company has sophisticated technology and equipment, advanced and reasonable design, professional production, appearance and internal quality concept, customer-oriented service awareness and competitive costs. Xvtech pursues advanced technology, lean production management mode, standardization, procedural, high-quality and efficient, innovative and pragmatic, and strives to build high-quality brands, and is committed to providing you with excellent quality and service.



阀门制造流程图

Cut the door manufacturing flow chart



设计Design



射蜡Waxing



干燥Drying



浸浆Dipping



脱蜡Dewaxing



浇铸Casting



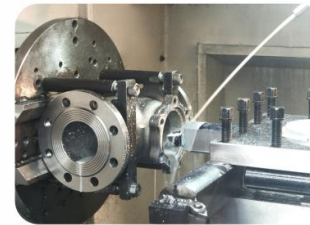
喷砂Sand blasting



脱壳Shell



钴基焊
Cobalt base welding



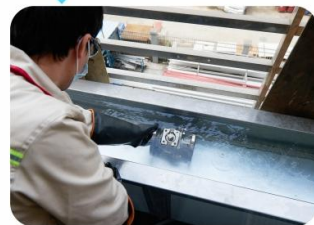
数控加工
CNC Machining



检验
Inspection



装配
Assembly



密封测试
Seal test



耐力测试
Pressure test



包装
Packaging



总装测试
Overall test



气动对夹式软密封蝶阀（不锈钢）

Pneumatic clip-on soft-sealed butterfly valve (stainless steel)

设计特点:

- 1、独特的斜型胶座及阀板弧型面设计，有效提高密封性能及使用寿命；
- 2、结构简单、紧凑，操作扭矩小，90° 回转开启迅速；
- 3、容易拆装及维修，并可在任意位置安装；
- 4、开启过程平稳、灵活；
- 5、流量特性成直线，调节性能较好；
- 6、多选择的操作方式，手动、气动；
- 7、密封件可以更换，密封性能可靠，达到双向密封的效果；
- 8、聚四氟乙烯包覆三元乙丙胶座，提供了良好的耐腐蚀性能和耐高温性及使用寿命；
- 9、可更换式胶座设计，安装简易，更换方便，经济实用；
- 10、不锈钢材质的气动蝶阀能承受酸碱等腐蚀性介质。

适用范围:

纺织印染、机械、石油、化工、污水处理、电力、冶金、造纸等。

设计标准/design standard:

GB/T12226-2005、 GB/T12238-2008、 GB/T13927-2008、 GB/T12221-2005、 GB/T17241.6-2008

技术参数:

公称通径: DN50-250mm
联接方式: 对夹式
气缸形式: 双作用、单作用（弹簧复位）
公称压力: 6、10、16bar
气源压力: 2.5-8bar
介质温度: -20-180℃
环境温度: 标准型-20-80℃

Design Features:

1. Unique oblique rubber seat and valve plate curved surface design, effectively improving sealing performance and service life;
2. The structure is simple and compact, the operating torque is small, and 90° rotation is quick to open;
3. Easy to disassemble and repair, and can be installed at any position;
4. The opening process is stable and flexible;
5. The flow characteristics are in a straight line and the adjustment performance is good;
6. Multiple choices of operation, including manual and pneumatic;
7. The seal can be replaced. With reliable performance, it can achieve two-way sealing;
8. PTFE coated EPDM rubber seat provides good corrosion resistance, high temperature resistance and service life;
9. Replaceable rubber seat design, easy to install, convenient to replace, and it's economical and practical;
10. Stainless steel pneumatic butterfly valve can withstand corrosive media such as acid and alkali.

Scope of application:

Textile printing and dyeing, machinery, petroleum, chemical, sewage treatment, electricity, metallurgy, and paper-making, etc.

Technical Parameters:

Nominal diameter: DN50-250mm
Connection method: clip type
Cylinder form: double acting, single acting (spring reset)
Nominal pressure: 10bar
Air source pressure: 2.5-8bar
Medium temperature: -20-180℃
Ambient temperature: Standard type -20-80℃

- 其它特殊材料或特殊温度亦可根据客户要求设计选型
- Other special materials or special temperatures can also be selected according to customer's requirements.

主要零件材料:

阀体材料: ASTM A351(GB/T12230)CF8, ASTM A48(GB/T 9439)
胶座材料: PTFE 橡胶
阀板材料: ASTM A351(GB/T12230)CF8, ASTM A351(GB/T12230)CF8M
密封件: 石墨铁氟龙 EPDM
气动装置: 挤压铝合金

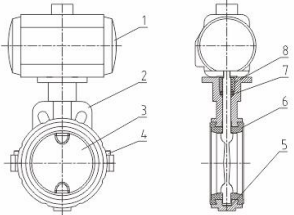
Main parts materials:

Body material: ASTM A351(GB/T12230)CF8, ASTM A48(GB/T 9439)
HT250/NO.35A
Plastic seat material: PTFE rubber
Valve plate material: ASTM A351(GB/T12230)CF8, ASTM A351(GB/T12230)CF8M
Seal: Graphite Teflon EPDM
Pneumatic device: extruded aluminum alloy

- 主要零件及密封件材料亦可根据客户要求设计选型
- Main parts and seal materials can also be designed according to customer's requirements

气动对夹式软密封蝶阀 (不锈钢) 剖面图

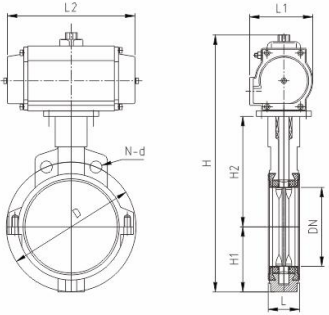
Cross section of pneumatic clamp type soft seal butterfly valve (stainless steel)



序号 SL	名称 Item Name	材料 Material	序号 SL	名称 Item Name	材料 Material
1	气缸 Cylinder	组合件 Assembly	5	定位套 Positioning sleeve	改性铁氟龙 Modified Teflon
2	阀体 Valve body	CF8	6	胶座 Plastic seat	组合件 Assembly
3	阀板 Valve plate	CF8 CF8M	7	精制密封圈 Refined seal	EPDM
4	螺栓 Bolt	S30408	8	轴套 Shaft sleeve	改性铁氟龙 Modified Teflon

气动对夹式软密封蝶阀 (不锈钢) 主要尺寸表示意图:

Schematic diagram of main dimensions of pneumatic sandwiched soft seal disc valve (stainless steel)



主要尺寸表及产品型号说明

Main dimension table & part model introduction

型号	安装尺寸			外形尺寸				
	D	N-d	H	H1	H2	L	L1	L2
VD50-16	125	4-18	274.5	50	125	41	81	152.5
VD65-16	145	4-18	305.5	64	125	44	91.5	203.5
VD80-16	160	8-18	332.5	74	142	47	91.5	203.5
VD100-16	180	8-18	365.5	84	152	57.5	104.5	238.5
VD125-16	210	8-18	404.5	100	163	61	118.5	258
VD150-16	240	8-22	427.5	112	174	61	118.5	258
VD200-16	295	8-22	532.5	140	211	76	148	332
VD250-16	350	12-22	611.5	170	240	77	167.5	395



气动对夹式软密封蝶阀（碳钢）

Pneumatic clip-on soft-sealed butterfly valve (Carbon steel)

设计特点:

- 1、独特的斜型胶座及阀板弧型面设计，有效提高密封性能及使用寿命；
- 2、结构简单、紧凑，操作扭矩小，90° 回转开启迅速；
- 3、容易拆装及维修，并可在任意位置安装；
- 4、开启过程平稳、灵活；
- 5、流量特性成直线，调节性能较好；
- 6、多选择的操作方式，手动、气动；
- 7、密封件可以更换，密封性能可靠，达到双向密封的效果；
- 8、聚四氟乙烯包覆三元乙丙胶座，提供了良好的耐腐蚀性能和耐高温性及使用寿命；

适用范围:

纺织印染、机械、石油、化工、污水处理、电力、冶金、造纸等。

设计标准/design standard:

GB/T12226-2005、 GB/T12238-2008、 GB/T13927-2008、 GB/T12221-2005、 GB/T17241.6-2008

技术参数:

公称口径: DN50-250mm
联接方式: 对夹式
气缸形式: 双作用、单作用（弹簧复位）
公称压力: 6、10、16bar
气源压力: 2.5-8bar
介质温度: -20-150℃
环境温度: 标准型-20-80℃

Design Features:

1. Unique oblique rubber seat and valve plate curved surface design, effectively improving sealing performance and service life;
2. The structure is simple and compact, the operating torque is small, and 90° rotation is quick to open;
3. Easy to disassemble and repair, and can be installed at any position;
4. The opening process is stable and flexible;
5. The flow characteristics are in a straight line and the adjustment performance is good;
6. Multiple choices of operation, including manual and pneumatic;
7. The seal can be replaced. With reliable performance, it can achieve two-way sealing;
8. PTFE coated EPDM rubber seat provides good corrosion resistance, high temperature resistance and service life;

Scope of application:

Textile printing and dyeing, machinery, petroleum, chemical, sewage treatment, electricity, metallurgy, and paper-making, etc.

Technical Parameters:

Nominal diameter: DN50-250mm
Connection method: clip type
Cylinder form: double acting, single acting (spring reset)
Nominal pressure: 6, 10, 16 bar
Air source pressure: 2.5-8bar
Medium temperature: -20-150℃
Ambient temperature: Standard type -20-80 °C

- 其它特殊材料或特殊温度亦可根据客户要求设计选型
- Other special materials or special temperatures can also be selected according to customer's requirements.

主要零件材料:

阀体材料: 碳钢 AS216 WCB
胶座材料: PTFE 橡胶
阀板材料: AS351 CF8 CF8M
密封件: 石墨铁氟龙 EPDM
气动装置: 挤压铝合金

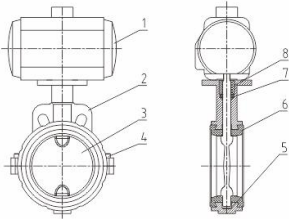
- 主要零件及密封件材料亦可根据客户要求设计选型
- Main parts and seal materials can also be designed according to customer's requirements

Main parts materials:

Body material: carbon steel AS216 WCB
Plastic seat material: PTFE rubber
Valve plate material: AS351 CF8 CF8M
Seal: Graphite Teflon EPDM
Pneumatic device: extruded aluminum alloy

气动对夹式软密封蝶阀 (碳钢) 剖面图

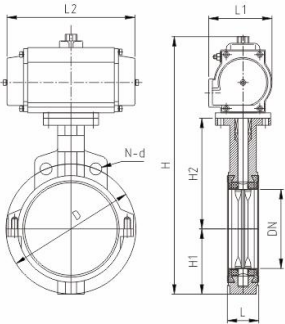
Pneumatic clip-on soft-sealed butterfly valve (Carbon steel) Profile map



序号 SL	名称 Item Name	材料 Material	序号 SL	名称 Item Name	材料 Material
1	气缸 Cylinder	组合件 Assembly	5	定位套 Positioning sleeve	改性铁氟龙 Modified Teflon
2	阀体 Valve body	CF8	6	胶座 Plastic seat	组合件 Assembly
3	阀板 Valve plate	CF8 CF8M	7	精制密封圈 Refined seal	EPDM
4	螺栓 Bolt	S30408	8	轴套 Shaft sleeve	改性铁氟龙 Modified Teflon

气动对夹式软密封蝶阀 (碳钢) 主要尺寸示意图:

Schematic diagram of main dimensions of pneumatic clamp type soft seal butterfly valve (Carbon steel)



主要尺寸表及产品型号说明

Main dimension table & part model introduction

型号	安装尺寸			外形尺寸				
	D	N-d	H	H1	H2	L	L1	L2
VD50-16	125	4-18	311	71.5	140	41	81	152.5
VD65-16	145	4-18	346.5	78.5	151.5	48	91.5	203.5
VD80-16	160	8-18	363.5	90	157	48	91.5	203.5
VD100-16	180	8-18	409.5	105	175	56	104.5	238.5
VD125-16	210	8-18	449.5	121	187	58	118.5	258
VD150-16	240	8-22	481.5	135.5	204.5	58	118.5	258
VD200-16	295	8-22	593.5	169.5	242.5	69	148	332
VD250-16	350	12-22	683.5	209	273	69	167.5	395



Y型气动角座阀（焊、牙接两用）

Y type pneumatic angle valve(Welding,threaded connection)

设计特点:

- 1、结构紧凑，重量轻；
- 2、流量大，阻力小，无水锤；
- 3、超长使用寿命，免维护密封；
- 4、密封面不易磨损，密封性能好；
- 5、启闭性好；
- 6、阀杆自动校正，自润滑，免维修；
- 7、气缸可任意旋转，方便现场安装。

适用范围:

纺织印染、工业洗涤设备、水电系统、化工行业、污水处理、石油化工等

设计标准/design standard:

GB/T12235

技术参数:

公称通径: DN15~50mm
联接方式: 焊接、牙接
气缸形式: 单作用（弹簧复位）
最大工作压力: 0~16bar
介质温度: -10°C~+220°C
环境温度: -10°C~+80°C
密封材料: PTFE软密封
控制气体: 中性气体, 空气
控制气体压力: 2.5-6bar
控制功能: 常开zz
弹簧单作用执行机构

● 其它特殊材料或特殊温度亦可根据客户要求设计选型

- Other special materials or special temperatures can also be selected according to customer's requirements.

Design Features:

1. Compact structure and light weight;
2. The flow is large, the resistance is small, and no water hammer;
3. Long life, maintenance-free sealing;
4. The sealing surface is not easy to wear and the sealing performance is good;
5. Good opening and closing;
6. Valve stem automatic correction, self-lubricating and maintenance-free;
7. The cylinder can be rotated freely to facilitate on-site installation.

Scope of application:

Textile printing and dyeing, industrial washing equipment, water and electricity systems, chemical industry, sewage treatment, petrochemical industry, etc.

Technical Parameters:

Nominal diameter: DN15~50mm
Connection method: welding, tooth connection
Cylinder form: single acting (spring reset)
Maximum working pressure: 0~16bar
Medium temperature: -10°C~+220°C
Ambient temperature: -10°C~+80°C
Sealing material: PTFE soft seal
Control gas: neutral gas, air
Control gas pressure: 2.5-6bar
Control function: Normally open
Spring single acting actuator

主要零件材料:

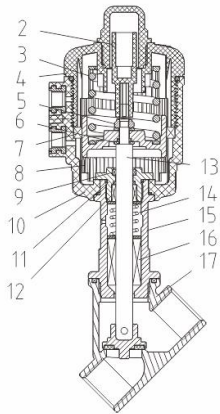
阀体材料: 不锈钢AS351 GB/T12230 CF8 CF8M
阀杆材料: CF8M
活塞: 铜合金, 铝合金
阀芯: AS351 GB/T12230 CF8 CF8M
密封件: 石墨铁氟龙EPDM
执行机构外壳: 聚酰胺

Main parts materials:

Body material: stainless steel AS351 GB/T12230 CF8 CF8M
Stem material: CF8M
Piston: Copper alloy, aluminum alloy
Spool: AS351 GB/T12230 CF8 CF8M
Seal: Graphite Teflon EPDM
Actuator housing: polyamide

Y型气动角座阀剖面图

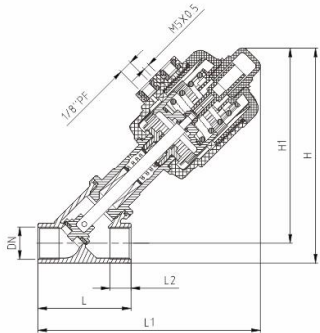
Y type pneumatic angle valve Profile map



序号 SL	名称 Item Name	材料 Material	序号 SL	名称 Item Name	材料 Material
1	透明盖 Transparent lid	PC	10	气缸座 Cylinder block	尼龙Nylon
2	浮标 (Buoy)	尼龙Nylon	11	支撑座 Support base	黄铜Brass
3	弹簧1 Spring 1	合金Alloy	12	精制内环 Refined inner ring	PTFE
4	气缸盖 (Cylinder head)	尼龙Nylon	13	阀杆组合 Valve stem combination	组合件Assembly
5	防松螺母Locknut	S31608	14	弹簧2Spring 2	合金Alloy
6	垫片Gasket	S31608	15	阀套Valve sleeve	S31608
7	精制胶圈1 Refined apron 1	改性橡胶 Modified rubber	16	密封组合件 Sealing assembly	组合件Assembly
8	活塞Piston	精铸HP659-1 Precision casting HP659-1	17	阀体Valve body	S31603
9	精制胶圈2 Refined apron 2	改性橡胶 Modified rubber			

Y型气动角座阀主要尺寸示意图:

Schematic diagram of main dimensions of Y-type pneumatic angle seat valve



Y型气动角座阀
Y type pneumatic angle valve

主要尺寸表及产品型号说明

Main dimension table & part model introduction

型号	牙接口	外形尺寸					重量 (kg)
		L	L1	L2	H	H1	
VY15-25	G1/2	65	173	12	163	152	1
VY20-25	G3/4	75	179	14	171	157	1.1
VY25-25	G1	90	209	16	199	182	1.7
VY32-25	G1-1/4	110	214	18	213	192	2.1
VY40-25	G1-1/2	120	250	18	243	219	3.3
VY50-25	G2	150	267	20	257	226	4



Y型加长气动角座阀（焊接）
Extended Y type pneumatic angle valve (Welding)

设计特点:

- 1、结构紧凑，启闭性好；
- 2、流量大，阻力小，无水锤；
- 3、超长使用寿命，免维护密封；
- 4、耐腐蚀，不易生锈；
- 5、阀杆自动校正，自润滑，免维修；
- 6、气缸可任意旋转，方便现场安装。

适用范围:

纺织印染、工业洗涤设备、水电系统、化工行业、污水处理、石油化工等。

设计标准/design standard:

GB/T12235

技术参数:

公称通径: DN15~DN50mm
联接方式: 焊接
气缸形式: 单作用（弹簧复位）
最大工作压力: 0~16bar
介质温度: -10°C~+220°C
环境温度: -10°C~+80°C
密封材料: PTFE软密封
控制气体: 中性气体, 空气
控制气体压力: 2.5-6bar
控制功能: 常开
弹簧单作用执行机构

● 其它特殊材料或特殊温度亦可根据客户要求设计选型

● Other special materials or special temperatures can also be selected according to customer's requirements.

Design Features:

1. Compact structure and good opening and closing performance;
2. The flow is Large, the resistance is small, and no water hammer;
3. Long life, maintenance-free sealing;
4. Corrosion resistance, not easy to rust;
5. Valve stem automatic correction, self-lubricating and maintenance-free;
6. The cylinder can be rotated freely to facilitate on-site installation;

Scope of application:

Textile printing and dyeing, industrial washing equipment, water and electricity systems, chemical industry, sewage treatment, petrochemical industry, etc.

Technical Parameters:

Nominal diameter: DN15~DN50mm
Connection method: welding
Cylinder form: single acting (spring reset)
Maximum working pressure: 0~16bar
Medium temperature: -10°C~+220°C
Ambient temperature: -10°C~+80°C
Sealing material: PTFE soft seal
Control gas: neutral gas, air
Control gas pressure: 2.5-6bar
Control function: Normally open
Spring single acting actuator

主要零件材料:

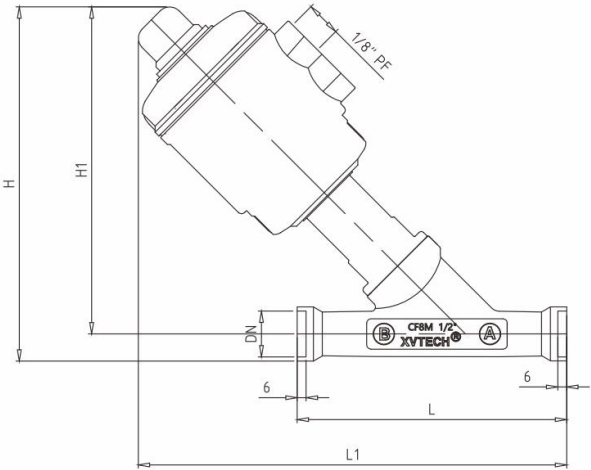
阀体材料: 不锈钢AS351 GB/T12230 CF8 CF8M
阀杆材料: CF8M
活塞: 铝合金
阀芯: AS351 GB/T12230 CF8 CF8M
密封件: 石墨铁氟龙EPDM
执行机构外壳: 聚酰胺

Main parts materials:

Body material: stainless steel AS351 GB/T12230 CF8 CF8M
Stem material: CF8M
Piston: Aluminum alloy
Spool: AS351 GB/T12230 CF8 CF8M
Seal: Graphite Teflon EPDM
Actuator housing: polyamide

Y型加长气动角座阀主要尺寸示意图:

Schematic diagram of main dimensions of Y-type extended pneumatic angle seat valve



主要尺寸表及产品型号说明

Main dimension table and product model description

型号 (Model)	外形尺寸 (Overall dimension)			
	L	L1	H1	H
15	125	198	151	164
20	142	215	157	172
25	162	246	180	198
32	172	263	192	214
40	172	276	210	127
50	202	300	220	251



不锈钢YE1型气动角座阀（焊、牙接两用）

Stainless steel YE1 pneumatic angle valve(Welding,threaded connection)

设计特点:

- 1、结构紧凑，启闭性好；
- 2、流量大，阻力小，无水锤；
- 3、超长使用寿命，免维护密封；
- 4、耐腐蚀，不易生锈；
- 5、阀杆自动校正，自润滑，免维修；
- 6、气缸可任意旋转，方便现场安装。

适用范围:

纺织印染、工业洗涤设备、水电系统、化工行业、污水处理、石油化工等。

设计标准/design standard:

GB/T12235

技术参数:

公称通径: DN15~DN50mm
联接方式: 焊接
气缸形式: 单作用（弹簧复位）
最大工作压力: 0~16bar
介质温度: -10°C~+220°C
环境温度: -10°C~+88°C
密封材料: PTFE软密封
控制气体: 中性气体, 空气
控制气体压力: 2.5-6bar
控制功能: 常开zz
弹簧单作用执行机构

● 主要零件及密封件材料亦可根据客户要求选型

● Main parts and sealing materials can also be selected according to customer requirements

Design Features:

1. Compact structure, good opening and closing;
2. Large flow, small resistance, without water hammer;
3. Long service life, maintenance-free sealing;
4. Corrosion resistance, not easy to rust;
5. Valve stem automatic correction, self-lubricating and maintenance-free;
6. The cylinder can be rotated freely for convenient on-site installation;

Scope of application:

Textile printing and dyeing, industrial washing equipment, water and electricity systems, chemical industry, sewage treatment, and petrochemical industry, etc.

Technical Parameters:

Nominal Diameter: DN15~DN50mm
Connection method: Welding
Cylinder form: single acting (spring reset)
Maximum working pressure: 0~16bar
Medium temperature: -10°C~+220°C
Ambient temperature: -10°C~+88°C
Sealing Material: PTFE soft seal
Control gas: neutral gas, air
Control gas pressure: 2.5~6bar
Control function: Normally open
Spring single acting actuator

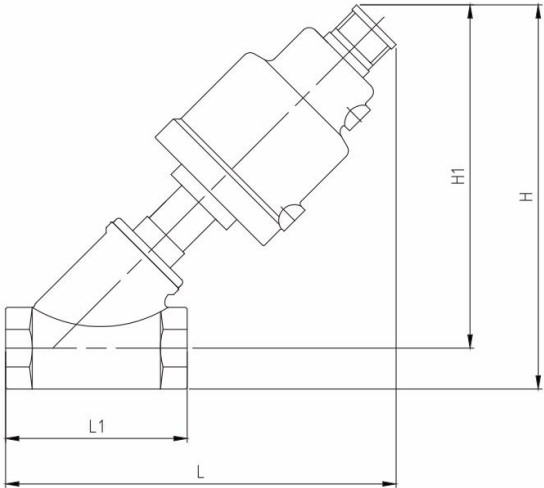
主要零件材料:

阀体材料: 不锈钢AS351 GB/T12230 CF8 CF8M
阀杆材料: CF8M
活塞: 铝合金
阀芯: AS351 GB/T12230 CF8 CF8M
密封件: 石墨铁氟龙EPDM
执行件外壳: CF8M

Main parts materials:

Body material: stainless steel AS351 GB/T12230 CF8 CF8M
Stem material: CF8M
Piston: Aluminum alloy
Spool: AS351 GB/T12230 CF8 CF8M
Seal: Graphite Teflon EPDM
Actuator housing: polyamide

不锈钢YE1型气动角座阀主要尺寸示意图:
Schematic diagram of main dimensions of stainless steel Y-type pneumatic angle seat valve



主要尺寸表及产品型号说明
Main dimension table and product model description

型号 (Model)	外形尺寸 (Overall dimension)			
	L	L1	H1	H
15	188	65	167	181
20	195	75	173	189
25	222	90	196	216
32	236	110	208	232
40	271	120	242	269
50	275	150	236	272



不锈钢YE2型加长气动角座阀（焊接）
Stainless steel extended YE2 pneumatic angle valve(Welding)

设计特点:

- 1、结构紧凑，启闭性好；
- 2、流量大，阻力小，无水锤；
- 3、超长使用寿命，免维护密封；
- 4、耐腐蚀，不易生锈；
- 5、阀杆自动校正，自润滑，免维修；
- 6、气缸可任意旋转，方便现场安装。

适用范围:

纺织印染、工业洗涤设备、水电系统、化工行业、污水处理、石油化工等。

设计标准/design standard:

GB/T12235

技术参数:

公称通径: DN15~DN65mm
联接方式: 焊接
气缸形式: 单作用（弹簧复位）
最大工作压力: 0~16bar
介质温度: -10°C~+220°C
环境温度: -10°C~+88°C
密封材料: PTFE软密封
控制气体: 中性气体, 空气
控制气体压力: 2.5-6bar
控制功能: 常开zz
弹簧单作用执行机构

- 主要零件及密封件材料亦可根据客户要求选型
- Main parts and sealing materials can also be selected according to customer requirements

Design Features:

1. Compact structure, good opening and closing;
2. Large flow, small resistance, without water hammer;
3. Long service life, maintenance-free sealing;
4. Corrosion resistance, not easy to rust;
5. Valve stem automatic correction, self-lubricating and maintenance-free;
6. The cylinder can be rotated freely for convenient on-site installation;

Scope of application:

Textile printing and dyeing, industrial washing equipment, water and electricity systems, chemical industry, sewage treatment, and petrochemical industry, etc.

Technical Parameters:

Nominal Diameter: DN15~DN65mm
Connection method: Welding
Cylinder form: single acting (spring reset)
Maximum working pressure: 0~16bar
Medium temperature: -10°C~+220°C
Ambient temperature: -10°C~+88°C
Sealing Material: PTFE soft seal
Control gas: neutral gas, air
Control gas pressure: 2.5~6bar
Control function: Normally open
Spring single acting actuator

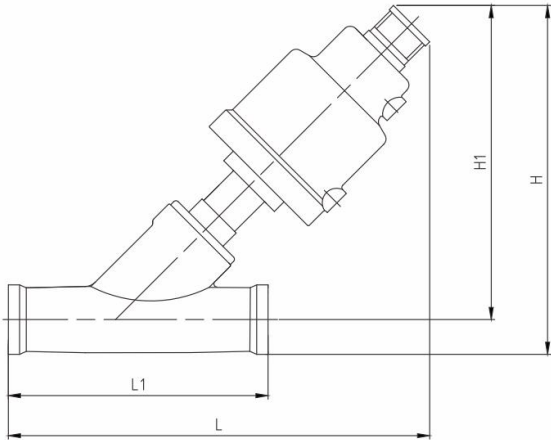
主要零件材料:

阀体材料: 不锈钢AS351 GB/T12230 CF8 CF8M
阀杆材料: CF8M
活塞: 铝合金
阀芯: AS351 GB/T12230 CF8 CF8M
密封件: 石墨铁氟龙EPDM
执行件外壳: CF8M

Main parts materials:

Body material: stainless steel AS351 GB/T12230 CF8 CF8M
Stem material: CF8M
Piston: Aluminum alloy
Spool: AS351 GB/T12230 CF8 CF8M
Seal: Graphite Teflon EPDM
Actuator housing: polyamide

不锈钢YE2型气动角座阀主要尺寸示意图:
Schematic diagram of main dimensions of stainless steel Y-type pneumatic angle seat valve



主要尺寸表及产品型号说明
Main dimension table and product model description

型号 (Model)	外形尺寸 (Overall dimension)			
	L	L1	H1	H
15	222	132	168	181
20	229	142	173	188
25	262	162	196	214
32	279	172	208	231
40	307	172	242	268
50	317	202	237	267
65	354	222	278	278

二通气动流体调节阀

Two-way pneumatic regulating valve



设计特点:

- 1、结构紧凑，重量轻；
- 2、金属密封，工作可靠性高，寿命长；
- 3、可编程的流量曲线；
- 4、卓越的流量特性和大流量，能满足不同压差的需要；
- 5、控制精度高；
- 6、执行器装有机行程指示器与膜片一起联动，直观反应线性行程轨迹。

适用范围:

广泛应用于纺织印染、水处理、食品加工、电力、冶金、石油、化工等领域。

设计标准/design standard:

DIN2501、ASME 16.34、GB12235、GB/T12221

技术参数:

公称通径: DN15~DN125mm
联接方式: 法兰连接
气缸形式: 单作用(弹簧复位)
传动方式: 隔膜气动执行器
公称压力: PN16
压力范围: 0~16bar
介质温度: -20°C~+250°C
控制气体压力: 2.5-6bar
阀座类型: 焊接式
密封材料: 金属密封
控制气体: 中性气体, 空气

● 其它特殊材料或特殊温度亦可根据客户要求设计选型

- Other special materials or special temperatures can also be selected according to customer's requirements.

可选项:

- 控制功能: 常开
- PPS执行机构外壳适用于环境温度+5°C~+80°C
- 弹簧单作用执行机构
- 电子式位置反馈
- 独立可调行程极限, 适用高低流量
- 先导阀适用的Namur适配器

Design Features:

1. Compact structure and light weight;
2. Metal seal, high reliability and long life;
3. Programmable flow curve;
4. Excellent flow characteristics and large flow to meet the needs of different pressure difference;
5. High control precision;
6. The actuator is equipped with a mechanical stroke indicator and a diaphragm to directly interact with the linear stroke.

Scope of application:

Widely used in textile printing and dyeing, water treatment, food processing, electricity, metallurgy, petroleum, chemical and other fields.

Technical Parameters:

Nominal diameter: DN15~DN125mm
Connection method: flange connection
Cylinder form: single acting (spring reset)
Transmission mode: diaphragm pneumatic actuator
Nominal pressure: PN16
Pressure range: 0~16bar
Medium temperature: -20°C~+250°C
Control gas pressure: 2.5-6bar
Seat type: welded
Sealing material: metal seal
Control gas: neutral gas, air

Optional:

- Control function: normally open
- PPS actuator housing for ambient temperature +5°C to +80°C
- Spring single acting actuator
- Electronic position feedback
- Independent adjustable stroke limit for high and low flow
- Namur adapter for pilot valve

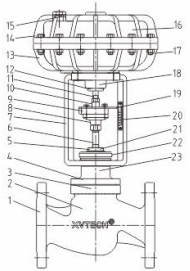
主要零件材料:

阀体材料: AS216 WCB 不锈钢AS351 GB/T12230 CF8 CF8M
胶座材料: PTEF 橡胶
阀芯: AS351 GB/T12230 CF8M
密封件: 合金、石墨铁氟龙EPDM
气动装置: 压铸铝合金/碳钢冲制件

- 主要零件及密封件材料亦可根据客户要求设计选型
- Main parts and seal materials can also be designed according to customer's requirements

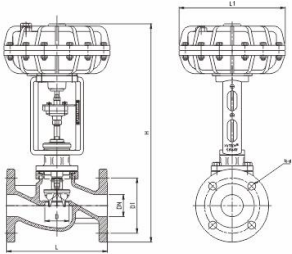
二通气动调节阀示意图

Schematic diagram of two-way pneumatic control valve

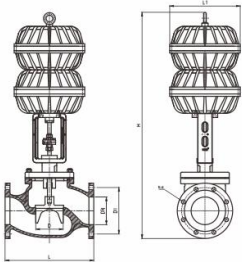


二通气动流体调节阀主要尺寸示意图:

Schematic diagram of main dimensions of two - vent fluid control valve



DN15~DN100



DN125

二通气动流体调节阀
Two-way pneumatic fluid regulating valve

Main parts materials:

Body material: AS216 WCB Stainless steel AS351 GB/T12230 CF8 CF8M
Plastic seat material: PTEF rubber
Spool: AS351 GB/T12230 CF8M
Seal: Alloy, graphite Teflon EPDM
Pneumatic device: die-cast aluminum alloy or Carbon steel stamping parts

序号 SL	名称 Item Name	材料 Material	序号 SL	名称 Item Name	材料 Material
1	阀体 Valve body	CF8	13	气缸盖 Cylinder block	铝合金 Aluminum alloy
2	阀芯 Spool	CF8M	14	气缸盖 Cylinder head	铝合金 Aluminum alloy
3	轴套 Shaft sleeve	316+	15	气嘴 Gas nozzle	黄铜Brass
4	阀盖Cap	CF8	16	弹簧Spring	合金Alloy
5	锁紧盖1 Lock cover 1	黄铜Brass	17	螺栓Bolt	304
6	下连杆 Lower stem	316L	18	填料组合1 Packing combination 1	高性能密封件 High performance seals
7	支架架 Support frame	铝合金 Aluminum alloy	19	定位架 Positioning frame	304
8	联接管1 Joint sleeve 1	CF8	20	标尺Ruler	304
9	联接管2 Joint sleeve 2	CF8	21	密封件Seals	特制密封件 Special seal
10	旋转套 Rotating sleeve	CF8	22	锁紧螺母 Locknut	CF8
11	联接管 Connecting shaft	316L	23	填料组合2 Packing combination 2	高性能密封件 High performance seals
12	锁紧盖2 Locking cover 2	黄铜Brass			

主要尺寸表及产品型号说明

Main dimension table and product model description

型号	安装尺寸			公称通径			开关型	等百分比型
	D	D1	N-d	L	L1	H		
VT15-16	18	65	4-14	135	184	434	2	1.3
VT20-16	23	75	4-14	135	184	439	5.3	2.9
VT25-16	28	85	4-14	150	184	450	13	7
VT32-16	35	100	4-18	160	184	465	19	13
VT40-16	40	110	4-18	200	242	470	50	28
VT50-16	55	125	4-18	228	242	493	70	41
VT65-16	68	145	4-18	294	242	535	80	50
VT80-16	82	160	8-18	310	242	615	117	75
VT100-16	102	180	8-18	350	318	775	170	100

型号	安装尺寸			公称通径			开关型	等百分比型
	D	D1	N-d	L	L1	H		
VT125-16	125	210	8-18	400	318	1021	300	150



二片式气动球阀（法兰接）

Pneumatic ball valve (flange)

设计特点:

- 1.结构紧凑，易于操作维修
- 2.多层填料设计
- 3.流阻系数低，开闭迅速
- 4.介质不会对阀门密封面进行侵蚀
- 5.标准自动化驱动装置平台

适用范围:

广泛用于纺织印染、水处理、食品加工、电力、冶金、石油、机械等行业

制造标准/Manufacturing standards:

GB、JB、ISO、ANSI、DIN

技术参数:

公称通径: DN15 ~ DN300mm
联接方式: 法兰连接
气缸形式: 双作用、单作用（弹簧复位）
传动方式: 气动执行器
公称压力: PN1.6、2.5、4.0、6.4MPa
适用介质: 蒸汽、水、油品、强酸强碱
介质温度: -40°C ~ 180°C
气源压力: 2.5-7bar
动作范围: 0° ~ 90° (±5°)
密封材料: PTFE
控制气体: 中性气体，压缩空气

Design Features:

- 1.Compact structure, easy to operate and maintain
- 2.Multilayer packing design
- 3.Low flow resistance coefficient, fast switching
- 4.The medium will not corrode the valve scaling surface
- 5.Standard automatic drive unit platform

Scope of application:

Widely used in textile printing and dyeing, water treatment, food processing, electric power, gold treatment, oil, machinery and other industries

Technical Parameters:

Nominal Diameter: DN15 ~ DN300mm
Connection Method: Flange Connection
Cylinder Form: Double action, single action (spring return)
Transmission Mode: pneumatic actuators
Nominal Pressure: PN1.6、2.5、4.0、6.4MPa
Applicable Medium: Steam, water, oil, strong acid alkali
Medium Temperature: -40°C ~ 180°C
bleed pressure: 2.5-7bar
actuation range: 0 ~ 90° (±5°)
Sealing Material: PTFE
Control Gas: Neutral Gas, compressed air

- 主要零件及密封件材料亦可根据客户要求选型
- Main parts and sealing materials can also be selected according to customer requirements

主要零件材料:

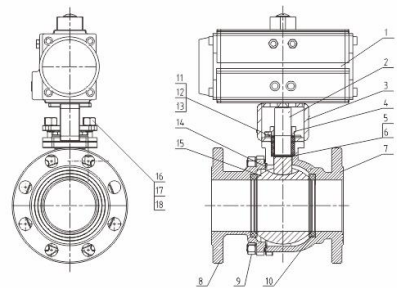
阀体材料: CF8、CF8M
阀芯材料: 316
阀座材料: PTFE
密封件: 密封圈 (PTET)

Main Part Materials:

body material: CF8、CF8M
Spool material: 316
Seat material: PTFE
Seal: Seal ring (PTET)

气动法兰球阀示意图

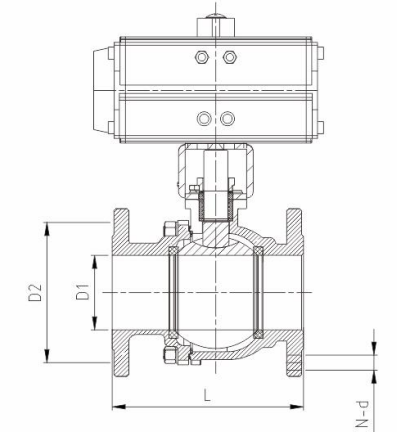
Schematic diagram of pneumatic flange ball valve



序号 SL	名称 Item Name	序号 SL	名称 Item Name
1	气动执行器 Pneumatic actuator	10	阀座 valve seat
2	阀杆 valve rod	11	六角头螺栓全螺纹 Hexagon headed bolt
3	支架 Bracket	12	平垫圈 Flat washer
4	压盖 Gland	13	弹簧垫圈 Spring washer
5	V型密封圈组合 V-type seal ring combination	14	密封垫 sealing gasket
6	垫片 shim	15	球体 sphere
7	阀体 valve bod	16	等长双头螺栓 Equal length double head stud
8	阀盖 Valve cover	17	平垫圈 Flat washer
9	等长双头螺栓 Equal length double head stud	18	六角螺母 Hexagon nut

气动法兰球阀主要尺寸示意图:

Schematic diagram of main dimensions of pneumatic flange ball valve



主要尺寸表及产品型号说明

Main dimension table and product model description

DN	150L系列尺寸 (mm)			
	L	D1	D2	N-d
15	108	15	60.5	4-16
20	117	20	70	4-16
25	127	25	79.2	4-16
32	140	32	88.9	4-16
40	165	40	98.61	4-16
50	178	50	120.7	4-19
65	190	65	139.7	4-19
80	203	80	152.4	4-19
100	229	100	190.5	8-19
125	356	125	216	8-22.3
150	394	150	241.3	8-22.3
200	457	200	298.5	8-22.3
250	533	250	362	12-25.4