

工业流体控制专家

INDUSTRIAL VALVE FLOW CONTROL

产品选型册
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温州铭天阀门有限公司
WENZHOU MINTN VALVE CO., LTD.



Company Profile



公司简介

温州铭天阀门有限公司是一家高新技术企业，致力于研发，生产，销售各类自动控制阀。我们经营气动角座阀，隔膜阀，梭阀，气动执行器，气动阀门，电动阀门，所有产品均通过ISO 9001，CE认证，等。

MINTN成立以来，坚持“科技为优先理论，质量为基础，建立了一个研发团队，拥有完善的测试设备和保证产品性能。生产上严格按照ISO 9001国际质量标准体系。每一个生产过程严格按照ISO，DIN，3A，SMS，JIS，GB标准，保证产品质量。MINTN产品广泛应用于天然气，石油，造纸，印刷，染色，乳品，制药，化工，食品，环保，水处理等领域。

MINTN将与时俱进，继续努力，使我们成为集技术，生产和贸易于一体的综合性国际企业！

Wenzhou MINTN Valve Co., Ltd. is a high-tech enterprise dedicating in manufacturing, marketing, researching and developing automatic control valves. We deal with pneumatic angle seat valves, diaphragm valve, shuttle valve, pneumatic actuators, pneumatic valves, etc.

Since establishment, MINTN sticks to theory of Science & Technology as Priority, Quality as Basis" and builds up an R&D team to improve test equipment and guarantee product performance. Production is arranged in strict accordance with ISO 9001 International Quality Standard System. Each production procedure is controlled in strict compliance with ISO, DIN, 3A, SMS, JIS and GB Standards to guarantee product quality. MINTN products are widely applied in such fields as natural gas, oil, paper-making, dyeing, printing, dairy, pharmaceuticals, chemicals, food, environmental protection, water treatment, cosmetics

MINTN will keep pace with the times, continue to make efforts to make our company an international corporation integrated with technology, production and trading.

铭天阀门 | 质比金坚 辉煌铭天
MINTN VALVE

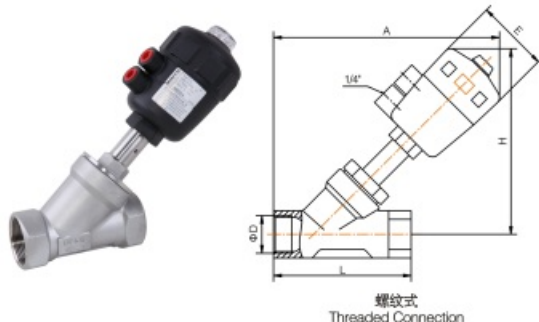
Q5 Series Pneumatic Angle Seat Valve



Q5 系列气动角座阀

外部先导角座阀，溢流口与滑块间有自动调节密封压盖，阀体角座结构可实现较大流量，特别是与普通截止阀相比时。

External advanced Angle, especially compare with the normal globe valves seat valve, there is adjustment sealing gland between over flow drain and slider, body structure can enforce more flow rate, especially compare with the normal globe valves.



技术参数 Technical data

- ◆ 压力范围 Pressure range: 0~16bar
- ◆ 介质温度 Medium temperature: -10℃~+180℃
- ◆ 环境温度 Environmental temperature: -10℃~+60℃
- ◆ 阀体材料 Body material: 不锈钢 Stainless steel
- ◆ 密封材料 Sealing material: 聚四氟乙烯 PTFE
- ◆ 执行机构外壳 Actuator material: 聚酰胺 PA
- ◆ 介质 Medium: 中性气体、空气、水 Neutral gas, air, water

选则 Option

- ◆ 控制功能 Control functions: 常开 Normally open
- ◆ 执行机构外壳适用于环境温度: +5℃~+130℃ Actuator material suitable for environmental temperature: +5℃~+130℃
- ◆ 无复位弹簧 双作用执行机构 No return spring double acting actuators
- ◆ 电子式位置反馈 Electronic position feedback
- ◆ 独立可调行程极限, 适于高低流量 Independent adjustable stroke limit, suitable for high low flow schedule
- ◆ 手动应急开关 Manual emergency switch
- ◆ 先导阀适用的 Namur 适配器 Pilot valve suitable Namur adapter

外形尺寸 Dimention

型号 Type	规格 D	执行器 mm	L	A	H	E	H5-L	K5-L	K5-ΦD	F5-L
DN10	3/8"	Φ50	68	165	120	64	—	120	50.5	—
DN15	1/2"	Φ50	85	172	137	64	120	120	50.5	120
DN20	3/4"	Φ50	95	178	145	64	130	140	50.5	130
DN25	1"	Φ50	100	210	165	64	140	160	50.5	140
DN32	1-1/4"	Φ63	118	220	180	80	150	175	50.5	150
DN40	1-1/2"	Φ63	125	228	190	80	180	190	64.0	180
DN50	2"	Φ80	145	268	245	100	195	210	77.5	195
DN65	2-1/2"	Φ80	185	282	300	100	230	225	77.5	230
DN80	3"	Φ100	210	368	340	126	250	255	91.0	250



H5系列焊接式
Welded Connection



K5系列快装式
Tri-clamp Connection



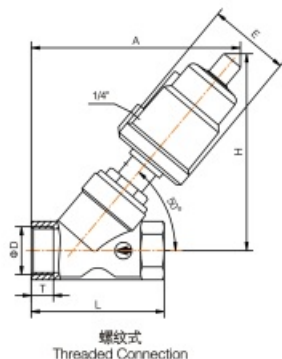
F5系列法兰式
Flanged Connection

Q3 Series Pneumatic Angle Seat Valve

Q3系列气动角座阀

特点 Advantages

- ◆流量大、流阻小、无水锤
- ◆Y型设计，增加30%流量
- ◆阀杆自动校正，自润滑，免维护
- ◆气缸采用不锈钢材质，在恶劣的环境中更加优秀，可360°旋转。
- ◆Large flux, low resistance, No water-hammer
- ◆Y-type shape enlarged the flowing section, which could raise the flux by 30% and make flow more smooth.
- ◆Super long life, which help the stem adjust and lubricate itself automatically.
- ◆The cylinder material is stainless steel, lubricating automatically, 360° rolling freely.



技术参数 Technical data

- ◆压力范围 Pressure range: 0~16bar
- ◆介质温度 Medium temperature: -10°C~+180°C
- ◆环境温度 Environmental temperature: -10°C~+60°C
- ◆阀体材料 Body material: 不锈钢 Stainless steel
- ◆密封材料 Sealing material: 聚四氟乙烯 PTFE
- ◆执行机构外壳 Actuator material: 不锈钢 SS304
- ◆介质 Medium: 中性气体、空气、水 Neutral gas, air, water

选取 Option

- ◆控制功能 Control functions: 常开 Normally open
- ◆执行机构外壳适用于环境温度: +5°C~+130°C Actuator material suitable for environmental temperature: +5°C~+130°C
- ◆双作用执行机构 Double acting actuators
- ◆电子式位置反馈 Electronic position feedback
- ◆独立可调行程极限，适于高低流量 Independent adjustable stroke limit, suitable for high-low flow schedule
- ◆先导阀适用的 Namur 适配器 Pilot valve suitable Namur adapter

外形尺寸 Dimension

型号 Type	规格 D	执行器 mm	L	A	H	E	H3-L	K3-L	K3-ΦD	F3-L
DN10	3/8"	Φ40	68	124	112	50	—	120	50.5	—
DN15	1/2"	Φ50	68	133	126	62	120	120	50.5	120
DN20	3/4"	Φ50	75	137	131	62	130	140	50.5	130
DN25	1"	Φ50	90	174	165	62	140	160	50.5	140
DN32	1-1/4"	Φ63	110	188	175	76	150	175	50.5	150
DN40	1-1/2"	Φ63	115	190	178	76	180	190	64.0	180
DN50	2"	Φ63	135	215	225	76	195	210	77.5	195
DN65	2-1/2"	Φ80	185	252	260	96	230	225	77.5	230
DN80	3"	Φ100	210	280	320	144	250	255	91.0	250



H3系列焊接式
Welded Connection



K3系列快装式
Tri-clamp Connection



F3系列法兰式
Flanged Connection

Pneumatic Angle Seat Valve Series



角座阀系列

T型气动角座阀 Angle Seat Valve (T-type)

Q5-T系列二位三通流体控制阀是我公司开发的一种新颖控制阀,该阀启动压力低,关闭灵敏度,密封性能好,不漏水,广泛应用于食品、纺织、医药、工业洗涤设备、化工等行业。

The Q5-T Series 2-position 2-way fluid control valve is a novel control valve developed by our company. The valve is low in starting pressure, highly flexible in open and close, good in sealing property and without the water leakage.



Q3-1系列气控角座阀 Q3-1 Series Angle Seat Valve

阀门特点 Function

阀门执行器采用轻巧型设计,外形精美,结构紧凑,性能优良。该阀现有常闭、常开、自由态3种作用形式。

Actuator introduces lightweight design, fine shape tight structure and with excellent features. There are three action model: normally closed and double acting.

应用范围 Scope of application

广泛应用在食品、包装、石化、冶金、喷涂、车辆、印染等机械设备。

Widely used in food, packaging, petrochemical, metallurgical, spraying, vehicles, printing and dyeing machinery equipment.



磁感应开关系列 Proximity Switch

适用于所有口径角座阀,用来检测阀门开关状态,反馈阀门启闭信号。

Switch can be installed on every actuator, indicating the valve on-off with signal.

技术参数 Technical Data

电压 Voltage: 10-30V DC

防护等级 Protection class: IP67

检测距离 Detection distance: 3mm ± 10% (可另选)

环境温度 Environmental temperature: -25~70°C

材料: 壳体: 黄铜镀镍, 检测面: ABS

Material: shell: brass nickel plating, detection: ABS



电磁阀系列 Solenoid Valve

适用于所有口径角座阀,可接2位5通或2位3通电磁阀。

Applies to all caliber angle seat valve, which can be accessed through two five or two 3-way solenoid valve.

技术参数 Technical Data

使用流体: 空气 (经40微米滤芯过滤)

接口 Connection: G1/8

使用电源 Power: 24V DC或220V AC

使用压力 Air pressure: 0.15-0.8 MPa

工作温度 Working temperature: -5~50°C

防护等级 Protection class: IP65



手动操作行程限位系列 Manual Override for Stroke Actuator

可调节活塞开度,限制行程,调节阀门流量,适用于所有型号的角座阀,另外在无控制气源、机械(电磁)故障时还可用来紧急制动。

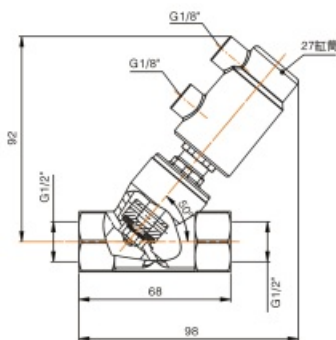
Can adjust piston stroke, restrictions, regulating valves, applicable to all types traffic block valves, another horn of air, without control in mechanical (electromagnetic) failure can also be used to emergency braking.



G3 Series Pneumatic Filling Valve

G3系列气动罐装阀

G3-A



DN15灌装阀-A

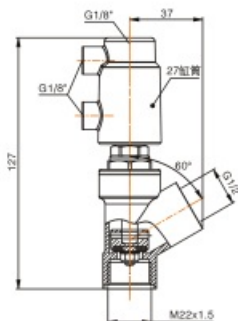
特点：

本阀门采用精致型设计，各部件均采用不锈钢制造，外观精美，部件轻巧，结构紧凑，阀芯部位采用活动式结构，可自行校正，密封性能优良。

技术参数：

- ◆控制形式：双作用常闭型，双作用自由态
- ◆双作用常闭型：管道压力0~0.7MPa，控制压力：0.38~0.42MPa
- ◆双作用自由态：管道压力0~0.7MPa，控制压力：0.3~0.35MPa
- ◆控制介质：经过滤的压缩空气
- ◆阀体材质：CF8或CF8M
- ◆密封材料：PTFE
- ◆介质温度：-10℃~+120℃
- ◆连接形式：螺纹式

G3-B



DN15立式灌装阀-B

Advantages:

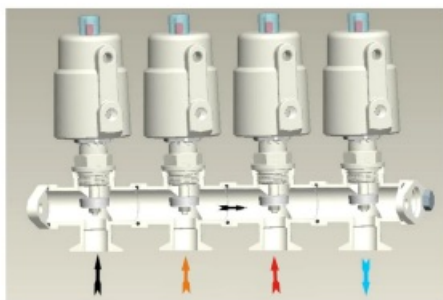
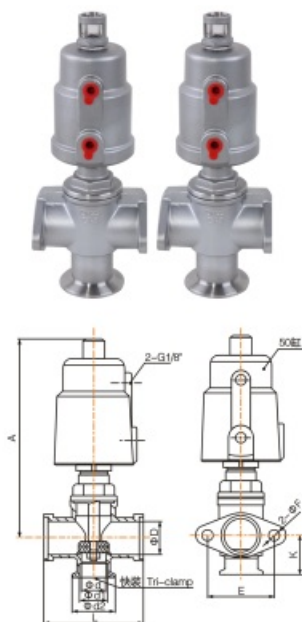
Compact design, could be assembled in a small space Movable seat, which have perfect sealing.

Technical data:

- ◆Double acting(with spring): Fluid pressure: 0~7bar,
- ◆Control pressure: 3.8bar~4.2bar
- ◆Double acting(no spring): Fluid pressure: 0~7bar,
- ◆Control pressure: 3~3.5bar
- ◆Body: CF8 or CF8M
- ◆Sealing Material: PTFE
- ◆Fluid Temperature: -10℃~+120℃
- ◆Connection: Thread(BSP, BSPT, NPT)

L3 Series Pneumatic Angle Seat Valve

L3 系列气动角座阀



外形尺寸 Dimention

规格 size	执行器 mm	A	K	L	ΦD	Φd	Φd1	Φd2	E	ΦF
DN20	Φ 50	153	46	76	24	18	22	50.5	50	8.5
DN25	Φ 50	153	52	84	31	24	28	50.5	57	8.5

技术参数 Technical Data

管道压力 Fluid Pressure	0~1.6MPa
控制压力 Control Pressure	0.3~0.8MPa
控制介质 Control Fluid	中性气体或空气 Neutral gas, Air
密封材料 Seals Material	PTFE
适用介质 Applicable Fluid	水、油、气、等介质 Water, Oil, Air, and the other
介质温度 Fluid Temperature	-10~+200℃
环境温度 Ambient Temperature	-10~+80℃
连接形式 Connection Type	法兰式 Flanged
控制形式 Control Type	单作用常闭, 常开, 双作用常闭, 双作用自由态 Normally closed, Normally open, Double acting

SF Series Pneumatic Shuttle Valve



SF 系列气动梭阀



200系列气动梭阀



201系列气动梭阀



202系列电磁梭阀

工作原理

压缩空气迫使活塞往复运动，达到阀门的开启与关闭。介质压力作用在阀座上，活塞几乎不受阻力干扰，所以阀门可快速开或关。经改进的阀内结构，使介质流态更好，压损更小。

应用范围

- ◆啤酒饮料灌装设备
- ◆印染纺织
- ◆气体工业
- ◆制药及医疗设备
- ◆橡胶机械
- ◆化工行业
- ◆高温灭菌
- ◆发泡机械
- ◆水/污水处理

特点

- ◆体积小 外观美 寿命长
采用不锈钢阀体，外观高档，耐腐蚀。活塞与密封合二为一，简单可靠，具有超长使用寿命，可任意方向安装。
- ◆速度快 压损小
阀体内介质流态更好，由于介质压力作用在阀座上活塞几乎不受阻力干扰，所以开关速度快，压损小。
- ◆耐真空
密封性能极佳，可耐740mmHg(相对真空)。

Function Principle

It works depending on the internal movement of a piston supplied with air. At the end of its stroke, the piston presses on the seat seal or moves away from it letting the intercepted fluid flow or stopping it from flowing. As the seat is perfectly tight and the intercepted fluid pressures discharge on it, the pressure necessary to move the piston is completely independent of the fluid pressure. Its full bore and its improved internal dynamics allow minimum pressure losses, too.

Applications

- ◆Beer & drinks filling machinery
- ◆Textile printing & dyeing
- ◆Gas industry
- ◆Pharmacy & medical equipment
- ◆Rubber machinery
- ◆Chemical industry
- ◆Disinfection
- ◆Frothing equipment
- ◆Water/sewage disposal

Advantages

- ◆Compact structure, Stainless steel body, Any mounting position.
Adopt stainless steel body, the appearance of high-grade, corrosion resistance. The piston and sealing, long life and reliable, easy installation, can be arbitrary direction.
- ◆Operating fast, Large flux, Low pressure loss
Body medium flow better, because the pressure in the seat almost Yin forces the pistons, so fast switching speed and pressure loss.
- ◆Resistance to vacuum
Perfect sealing, could work in vacuum 740mm Hg. (Relative vacuum)

D5 Series Pneumatic Diaphragm Valve

D5系列气动隔膜阀

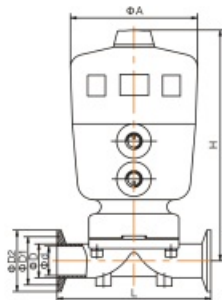
阀体内外均可高温消毒

Inside and outside of body can be

High-temperature sterilization

- ◆驱动方式：气动，常闭(1)/常开(2)/双向(3)
- ◆使用：气动头D应用于直通阀体，气动头T应用于直通和多通阀体。
- ◆最大工作压力：10bar (隔膜为乙丙橡胶或氟化橡胶)，6bar (隔膜为聚四氟乙烯，单面使用)
- ◆最大工作温度：150°C (根据使用条件)
- ◆控制压力：4-6bar (控制方式1)，3-4bar (控制方式2和3)
- ◆隔膜材料：乙丙橡胶、氟化橡胶、聚四氟乙烯
- ◆阀体材料：不锈钢1.4435-316L
- ◆接口方式：快装接口见下表。其他接口方式：焊接、法兰、螺纹
- ◆制造标准：GB、DIN、ISO、SMS

- ◆Driving way: Pneumatic, normally closed(1), normally open(2), and double direction(3)
- ◆Useful: Pneumatic actuator D applied to pass body, Pneumatic actuator T applied to pass body and multipass body
- ◆Max pressure: 10bar (diaphragm is EPDM or FPM) 6bar (diaphragm is PTFE, one side shall be used)
- ◆Max temperature: 150°C, (According to the conditions of use)
- ◆Control pressure: 4-6bar (control way 1), 3-4bar (control way 2 to 3)
- ◆Diaphragm material: EPDM, FPM, PTFE
- ◆Body material: Stainless steel 1.4435-316L
- ◆Connection way: Tri-clamp connection see below table. Other connection way: Welding, flange, thread
- ◆Manufacturing standard: GB、DIN、ISO、SMS



隔膜尺寸 Diaphragm Size(AxB)	25×25	37×33	54×45	70×65 83×78
阀体尺寸Body Size(DN)	DN8-DN10	DN15	DN20-32	DN40 DN50
工作压力Working Pressure(EPDM)	Max.6bar	Max.6bar	Max.6bar	Max.6bar
工作压力Working Pressure(PTFE)	max.6bar	max.6bar	max.6bar	max.6bar
工作温度Working(EPDM)	max.130°C	max.130°C	max.130°C	max.130°C
工作温度Working Temp(PTFE)	max.150°C	max.150°C	max.150°C	max.150°C

外形尺寸 Dimension

型号 Type	执行器 mm	L	d	D	D1	D2	A	H	DH-L	DF-L
DN10	Φ50	89	10.0	14.0	20.2	25.2	64	122	89	—
DN15	Φ63	108	15.0	19.0	43.5	50.5	80	145	108	120
DN20	Φ80	117	15.8	19.5	43.5	50.5	100	167	117	140
DN25	Φ80	127	22.1	26.0	43.5	50.5	100	170	127	150
DN32	Φ80	150	28.0	35.0	43.5	50.5	100	175	150	160
DN40	Φ100	159	34.8	39.0	43.5	50.5	126	225	159	180
DN50	Φ100	190	47.5	53.0	56.5	64.0	126	238	190	200
DN65	Φ125	216	60.0	66.0	70.5	77.5	156	420	216	250
Dn80	Φ125	254	73.0	79.0	83.5	91.0	156	445	254	280

D7 Series Manual Diaphragm



D7系列手动隔膜阀

阀体内外均可高温消毒

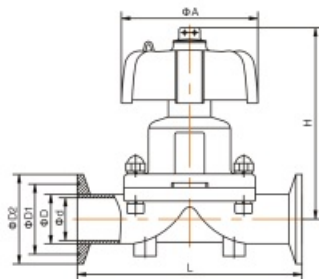
Inside and outside of body can be

High-temperature sterilization

- ◆驱动方式：手动，带有闭限位装置
- ◆最大工作压力：10bar(隔膜为乙丙橡胶或氟化橡胶) 6bar(隔膜为聚四氟乙烯)
- ◆最大工作温度：150°C(根据使用条件)
- ◆隔膜材料：乙丙橡胶、氟化橡胶、聚四氟乙烯
- ◆阀体材料：不锈钢1.4435=316L
- ◆接口方式：快装接口见下表。其他接口方式：焊接、法兰、螺纹
- ◆制造标准：GB、DIN、ISO、SMS



- ◆Driving way: Manual, with closed pneumatic device
- ◆Max pressure: 10bar (diaphragm is EPDM or EPM), 6bar (diaphragm is PTFE)
- ◆Max temperature: 150°C (According to the conditions of use)
- ◆Diaphragm material: EPDM, FPM, PTFE
- ◆Body material: Stainless steel 1.4435=316L
- ◆Connection way: Tri-clamp connections see below table. Other connection way: welding, flange, thread
- ◆Manufacturing standard: GB、DIN、ISO、SMS



隔膜尺寸 Diaphragm Size(AxB)	25×25	37×33	54×45	70×65 83×78
阀体尺寸Body Size(DN)	DN8-DN10	DN15	DN20-32	DN40 DN50
工作压力Working Pressure(EPDM)	Max.6bar	Max.6bar	Max.6bar	Max.6bar
工作压力Working Pressure(PTFE)	max.6bar	max.6bar	max.6bar	max.6bar
工作温度Working(EPDM)	max.130°C	max.130°C	max.130°C	max.130°C
工作温度Working Temp(PTFE)	max.150°C	max.150°C	max.150°C	max.150°C

外形尺寸 Dimension

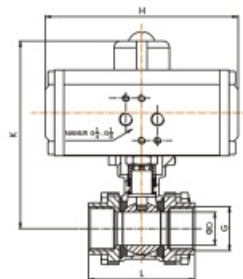
型号 Type	L	d	D	D1	D2	A	H	DH-L	DF-L	DF-L2
DN10	89	10.0	14.0	20.2	25.2	35	80	89	—	—
DN15	108	15.0	19.0	43.5	50.5	64	98	108	120	130
DN20	117	15.8	19.5	43.5	50.5	90	115	117	140	150
DN25	127	22.1	26.0	43.5	50.5	90	120	127	150	160
DN32	150	28.0	35.0	43.5	50.5	114	125	150	160	160
DN40	159	34.8	39.0	43.5	50.5	114	140	159	180	200
DN50	190	47.5	53.0	56.5	64.0	114	155	190	200	230
DN65	216	60.0	66.0	70.5	77.5	195	248	216	250	290
DN80	254	73.0	79.0	83.5	91.0	195	256	254	280	310

Pneumatic Ball Valve Series

气动球阀系列

技术参数 Technical Data

- ◆公称压力Nominal pressure: 6.9Mpa(1000Psi)
- ◆适用温度Applicable temperature: -20~180℃
- ◆阀体阀盖 Body and Bonnet: CF8(304) or CF8M(316)
- ◆球体 Ball: CF8(304) or CF8M(316)
- ◆阀杆 Stem: 304 or 316
- ◆填料和密封圈 Sealing and Packing: 聚四氟乙烯 (PTFE)
- ◆螺纹连接 Thread end: BSP, BSPT, DIN2999, NPT



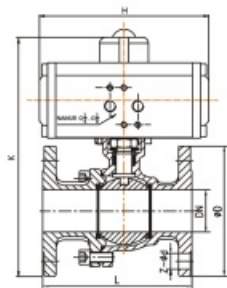
A型 Type A

主要外形尺寸 Main dimension

SIZE ITEM	DN15	DN20	DN25	DN32	DN40	DN50	DN65	DN80	DN100
G	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
D	15	20	25	32	38	50	65	80	100
L	65	75	82	96	105	126	166	192	252
H	144	144	163	163	214	214	252	270	354
K	141	148	173	178	203	210	245	266	337

技术参数 Technical Data

- ◆公称压力Nominal pressure: 6.9Mpa(1000Psi)
- ◆适用温度Applicable temperature: -20~180℃
- ◆阀体阀盖 Body and Bonnet: CF8(304) or CF8M(316)
- ◆球体 Ball: CF8(304) or CF8M(316)
- ◆阀杆 Stem: 304 or 316
- ◆填料和密封圈 Sealing and Packing: 聚四氟乙烯 (PTFE)
- ◆法兰连接 flange end: 国标(GB) 日标(JIS) 德标(DIN) 美标(ANSI)



B型 Type B

主要外形尺寸 Main dimension

SIZE ITEM	DN15	DN20	DN25	DN32	DN40	DN50	DN65	DN80	DN100
G	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
D	15	20	25	32	40	50	65	80	100
L	130	140	150	165	180	200	220	250	280
H	144	144	163	163	214	214	252	270	354
K	147	152	173	186	208	213	247	269	337

Butterfly Valve Series



蝶阀系列

气动蝶阀

Pneumatic Butterfly Valve

- ◆型号: 50 65 80 100 125 150 200 250 300
- ◆面距: 42 44.7 45.2 52.1 54.4 55.8 60.6 65.7 76.5
- ◆介质: 水、蒸气、腐蚀性介质
- ◆阀体材质: 不锈钢、球铁、灰铁、碳钢
- ◆密封: EPDM / PTFE
- ◆压力: 1.6Mpa(232psi)
- ◆阀板: 不锈钢 316/304
- ◆Size: 50 65 80 100 125 150 200 250 300
- ◆Face to face(mm): 42 44.7 45.2 52.1 54.4 55.8 60.6 65.7 76.5
- ◆Medium: Water, Steam, Corrosive Medium
- ◆Body material: Cast iron; Steel & Stainless steel 316/304
- ◆Seals: EPDM / PTFE
- ◆Fluid pressure: 1.6Mpa(232psi)
- ◆Disc: Stainless steel 316/304



扇形气动蝶阀

Pneumatic Butterfly Valve

压缩空气迫使叶片做往复运动,使阀门达到开启与关闭,独特的叶片型旋转气缸设计是理想的旋转气动驱动零件,确保其工作稳、寿命长、效率高。

Low power loss, high efficiency, Long maintenance-free life, Accurate operating, direct mounting.

管道压力 Fluid Pressure	Max 1.6Mpa(232psi)
控制压力 Control Pressure	0.3~0.6Mpa (43.5~116psi)
适用介质 Applicable Fluid	EPDM 适用于热水和蒸汽, 不适用于油脂类, 燃料等。 EPDM-Suitable for steam and hot water, unsuitable for oils, greases, fuels etc.
介质温度 Fluid Temperature	-10°C ~ +150°C
阀体材料 Valve Body Material	HT200
密封材料 Seals Material	EPDM
阀板材料 Disc Material	CF8
控制形式 Control Type	双作用 Double acting



手动蝶阀

Manual Butterfly Valve

- ◆型号: 50 65 80 100 125 150 200 250 300
- ◆面距: 42 44.7 45.2 52.1 54.4 55.8 60.6 65.7 76.5
- ◆介质: 水、蒸气、腐蚀性介质
- ◆阀体材质: 不锈钢、球铁、灰铁、碳钢
- ◆密封: EPDM / PTFE
- ◆压力: 1.6Mpa(232psi)
- ◆阀板: 不锈钢 316/304
- ◆Size: 50 65 80 100 125 150 200 250 300
- ◆Face to face(mm): 42 44.7 45.2 52.1 54.4 55.8 60.6 65.7 76.5
- ◆Medium: Water, Steam, Corrosive Medium
- ◆Body material: Cast iron; Steel & Stainless steel 316/304
- ◆Seals: EPDM / PTFE
- ◆Fluid pressure: 1.6Mpa(232psi)
- ◆Disc: Stainless steel 316/304



Thermodynamic Steam Trap

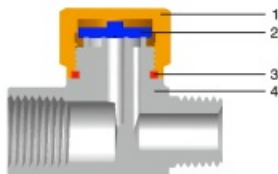
热动力型蒸汽疏水阀

DN8特点 Advantages

- ◆超微型圆盘疏水阀，工作效率高。
- ◆节能显著，能耗降低40%。
- ◆体积小，可任意位置安装。
- ◆适用于：蒸汽熨斗及仪表伴热管线
- ◆Small and compact structure, more efficient.
- ◆Economic performance, energy saving by 40%.
- ◆High durability, easy to maintain.
- ◆Application: Drip legs, steam tracing, laundry equipment.

DN8剖面图 DN8 Section

序号NO	名称 Name	材质 Material
1	阀盖 Cover	Stainless steel 304 (CF8)
2	阀片 Disk	Stainless steel 420
3	O型圈 O-ring	硅橡胶 Silicon rubber
4	阀体 Body	Stainless steel 304 (CF8)

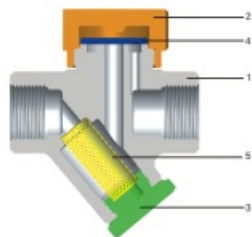


DN15/20/25特点 Advantages

- ◆外形精美，设计紧凑。
- ◆不锈钢阀体和内件，经久耐用。
- ◆高精磨阀片和阀座延长了使用寿命。
- ◆易于保养维修。
- ◆适用于：低、中、高压力和温度范围内的蒸汽主管和小型设备等。
- ◆Compact structure.
- ◆High durability due to the body and inner parts are stainless steel.
- ◆Spare parts are available and easy to maintain.
- ◆Application: Steam pipelines, iron machines, drying units, pressing units.

DN15/20/25剖面图 DN15/20/25 section

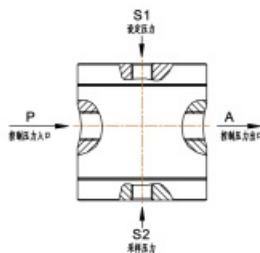
序号 NO	名称 Name	材质 Material
1	阀体 Body	Stainless steel 420
2	阀盖 Cover	Stainless steel 420
3	丝堵 Discharge Bolt	Stainless steel 420
4	阀片 Disk	Stainless steel 420
5	滤网 Strainer Screen	Stainless steel 304



Pneumatic Balancing Valve



气动平衡阀



工作原理：

- ◆ 本气动平衡阀，通过S2端口压力的变化(S1端口压力恒定)，控制A端气源的输出，从而自动控制与之相连阀门(如：角座阀)的开关，使设备随工作压力的变化自动调整，保证设备工作压力的稳定。

阀门特点：

- ◆ 无需人工调整操作，可实现自动化控制；灵敏度高，压力变化达到 $\pm 0.01\text{MPa}$ ，平衡阀即可自动开关

技术参数：

- ◆ 接口尺寸：
- ◆ P、A接口尺寸为G1/4"
- ◆ S1、S2接口尺寸为G1/8"
- ◆ 压力范围：
- ◆ S1端设定压力：0.02–0.4MPa，用户可根据实际工况自行设定，一般采用经过滤的压缩空气
- ◆ S2端采样压力：S1 $\pm 0.01\text{MPa}$ （来源于设备工作压力）
- ◆ P、A两端压力：根据与平衡阀相连阀门所需的控制压力而定，一般采用经过滤的压缩空气
- ◆ 温度范围：0–100°C

Function principle：

- ◆ The balancing valve, could automatically control the connected angle seat valve's open and close, to keep a certain working pressure of the equipment. First, set a certain air pressure for the S1 port, then the air pressure of S2 port will change from time to time; when(S1–S2)>0.1bar, the port A will open, the angle seat valve will be opened; when(S2–S1)>0.1bar, the port A will close, the angle seat valve will be closed by spring force;

Advantages:

- ◆ Automatically adjusting and working, no other people or device needed High sensitivity, the pressure change to $\pm 0.01\text{bar}$, balancing valve will auto switch

Technical data:

- ◆ Port Size:
- ◆ P, A: G1/4"
- ◆ S1, S2: G1/8"
- ◆ Pressure range:
- ◆ S1 port: certain pressure, 0.2–4bar, you can set it on your request
- ◆ S2 port: sampling pressure from equipment pipelines, will be in range S1 $\pm 0.1\text{bar}$
- ◆ P, A port: according to the control pressure of the connected angle seat valve, normally 2–8bar
- ◆ Temperature range: 0–100°C



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