



特约经销商



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综 合 本
Integrated Sample



振兴民族工业
争创世界名牌
力做千年企业

Revive the National Industry
Build a World-Class Brand
Strive to Be a Century-Old Enterprise



安徽富日阀门有限公司
ANHUI FURI VALVE CO., LTD.

COMPANY 公司简介
INTRODUCTION ▶▶▶

执着拼搏 永不言败
Keep on Struggling and Never Give Up



安徽富日阀门有限公司致力于多元化发展的高科技企业，主要从事火电锅炉、电站辅机、电站阀、冶炼阀、蝶阀、美标阀、油田阀、建筑专用阀、减温减压装置以及各种泵类产品的开发、生产和经营，生产的产品近500种型号上千个规格。“提高全员的质量意识，强化科学的质量管理，生产让顾客满意的产品，提高全面的优质服务”是富日阀门人坚定不移的方针，安徽富日阀门公司将充分发挥企业的优势，持续改进质量，全面提升产品技术水平和服务水平，向用户提供高质量的产品和完美的服务，为社会做出更大的贡献。产品采用ISO、API、ANSI、BS、DIN、NF、JIS、GB、IB等国内外先进标准设计制造。具有结构合理，制作工艺精湛，规格齐全，质量稳定等特点并以可用性、可言性、可靠性三大性能，广泛应用于石油、化工、天然气、电力、冶金、制药、建筑、供水等行业，并致力于开拓国际市场，远销美国、加拿大、德国、中东等国家和地区，深受用户赞誉和信赖。

企业经营产品范围

公司主营有球阀、闸阀、过滤器、蝶阀、截止阀、针型阀、疏水器、疏水阀、旋塞阀、隔膜阀、止回阀、安全阀、放料阀、排气阀、呼吸阀、平衡阀、排泥阀、减压阀、柱塞阀、水力控制阀、底阀、视镜、法兰、节流阀、管夹阀、紧急切断阀、角座阀、衬氟防腐阀门、持压泄压阀、遥控浮球阀、液位控制阀、排污阀、缓闭式止回阀、数字锁定平衡阀、微阻缓闭止回阀、静音止回阀、可调式减压阀、自控阀门、比例式调节阀、比例式止回阀、管阀、倒流防止器、偏心半球阀、刀型阀、双向金属硬密封蝶阀、消防专用阀门、闸板阀门等。

Anhui Furi Valve Co., Ltd. is a high-tech enterprise committed to diversified development, mainly engaged in development, production and operation of thermal power boilers, auxiliary equipment for power stations, power station valves, smelting valves, butterfly valves, API/ANSI valves, oilfield valves, special valves for buildings, temperature and pressure reducing devices and various pump products, including nearly 500 models with more than a thousand specifications. It's an unswerving guideline of Furi members to "improve the whole staff's quality awareness, strengthen scientific quality management, produce satisfactory products for customers and improve total high-quality services". Anhui Furi Valve Co., Ltd. will give full play to our advantages, improve our quality continually and our levels of product technology and services all around, provide our users with high-quality products and perfect services, and make greater contributions to the society. Our products are designed and manufactured as per advanced domestic and foreign standards like ISO, API, ANSI, BS, DIN, NF, JIS, GB and IB. Featuring their reasonable structure, excellent workmanship, complete specifications and stable quality among others plus being usable, feasible and reliable, they are widely applied in petroleum, chemical engineering, natural gases, electricity, metallurgy, pharmacy, building, water supply and other industries. Also we're committed to developing the international market and sell our products to such countries and regions as the USA, Canada, Germany and the Middle East, having won high praises and deep trust among users.

Our Business Scope:

Our company mainly operates ball valves, gate valves, filters, butterfly valves, globe valves, needle valves, steam traps, drain valves, plug valves, diaphragm valves, check valves, safety valves, dump valves, exhaust valves, breathing valves, balance valves, mud valves, pressure reducing valves, plunger valves, hydraulic control valves, bottom valves, sight glass, flanges, throttle valves, pinch valves, emergency cutoff valves, angle seat valves, fluorine lining anti-corrosive valves, pressure dwelling and relief valves, remote control float valves, liquid level control valves, sewage valves, slow-shut check valves, digital locking balance valves, micro-resistance slow-shut check valves, mute check valves, adjustable pressure reducing valve, automatic control valve, proportional regulating valve, proportional check valves, pipe pressure control valves, backflow preventers, eccentric semi-ball valves, knife valves, two-way metal hard seal butterfly valves, fire valves, gate valves, etc.



硬件设施的更新换代，
以国际化的生产设备生产国际化优良品质。

Produce International Quality Products By The New Generation
And International Production Equipment.



先进设备打基础，检测要求有保障

**Sophisticated equipment has
laid a foundation to ensure inspection requirements**

生产设备是产品质量的保证，
近年来公司先后引进国内外一系列高科技技术
的生产与加工设备，建立了现代化的流水线，
从而确保了产品的质量。

Production equipment is the product quality assurance.
In recent years, the company has introduced a series of high-tech
home and abroad production and processing equipment,
the establishment of a modern assembly line,
thus ensuring product quality.



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多功能水泵控制阀系列 Multifunctional Pump Control Valves Series

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结构特点

多功能水泵水力控制阀一般分为隔膜式或活塞式两大类，它们工作原理相同。阀门驱动装置采用双腔控制结构，即在隔膜(或活塞)下腔与下游处单独隔出一个控制室；本系列阀门是通过主阀内双腔与外装的导阀、导管、调节阀和压力表等连接组合成使用场所、目的及功能不同的阀门。

主要型号名称

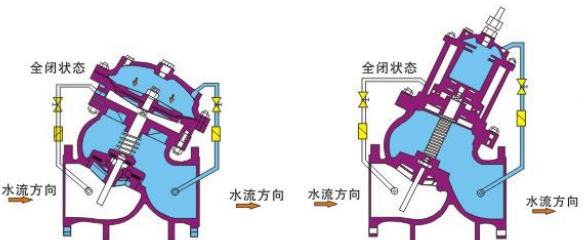
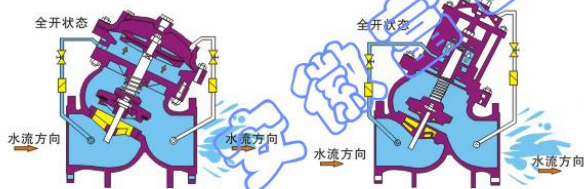
多功能水泵控制阀JD745X
水力(遥控)浮球阀F745X
可调式减压阀YX741X
安全泄压阀(泄压/持压阀)AX742X
电动遥控阀J145X
流量控制阀L715X

技术参数(Technical parameter)

阀体 Valve Body	连接方式 Connecting Mode	强度试验 Strength Test	密封试验 Seal Test	适用温度 (°C) Applicable Temperature	适用介质 Applicable Medium
Y型 Y-type	法兰连接 Flange Connection	1.5倍公称压力 1.5 Times of Nominal Pressure	1.1倍公称压力 1.1 Times of Nominal Pressure	≤80°C	水、油品 Water and Oil

动作原理

多功能水泵水力控制阀通过一个双腔控制室，利用液压原理控制主阀板缓慢开启或处于调节状态。活塞式的阀门还可以在阀盖上配置调节螺杆装置，因而可以控制阀门的最大开度和流量，并在必要时可以手动关阀。



Structure characteristic

Multifunctional pump hydraulic control valves are usually classified to diaphragm type and piston type, whose working principles are the same. The driving mechanism of valve is in double-chamber control structure, namely a control cabinet is independently placed between the lower chamber of diaphragm (or piston) and lower stream. This series of valves are formed by connecting main valves two chambers to outside-mounted pilot valves, conduit tubes, adjusting valves, pressure gauges and etc. They perform to be various valves according to different service locations, purposes and functions.

Main type name

Multifunctional Pump Control Valve JD745X
Hydraulic (Remote-control) Float Valve F745X
Adjustable Pressure Reducing Valve YX741X
Safety Relief Valve(Pressure Release/Pressure Holding Valve) AX742X
Electric Remote-control Valve J145X
Flow Control Valve L715X

设计与应用标准(Design and Application Standard)

- 1、设计与制造标准：GB/T10674-2006
- 2、法兰连接标准：JB/T 78-1994、JB/T 79-1994
- 3、结构长度标准：GB/T 12221-2005、JB/T 10674-2006、厂标
- 4、检验与试验标准：JB/T 9092-1999、JB/T 10674-2006、GB/T 12245-1989
- 1、design and manufacture standard：GB/T10674-2006
- 2、connecting flange standard：JB/T 78-1994、JB/T 79-1994
- 3、end to end standard：GB/T 12221-2005、JB/T 10674-2006、manufacturer standards
- 4、test and inspection standard：JB/T 9092-1999、JB/T 10674-2006、GB/T 12245-1989

Action Principle

Provided with a double-chamber control cabinet, functional pump hydraulic control valve uses hydraulic pressure to make main valve plate slowly opened or under adjusting state. Piston type valve may be fitted with an adjusting screw on bonnet to control the maximum opening and flow of valve, and to turn off valve by hand if necessary.

全开状态

当水泵启动后，阀门进水口压力上升，压力水一方面推动主阀板开启，另一方面通过导管系统进入膜片（活塞）下腔，而膜片（活塞）上腔的水通过导管系统泄入压力低的阀门出水口，而阀门在二合力的作用下缓慢开启。

Full Open State

After pump is started, the pressure of valve inlet will rise. Pressure water pushes main valve plate to open. On the other hand, pressure water will enter the lower chamber of diaphragm(piston) through conduit tube. The water at the upper chamber of diaphragm (piston) will enter valve outlet of lower pressure through conduit tube. And valve will open slowly under duplex force.

全闭状态

当水泵停机后，阀门中的水流速度降低，在接近零时，主阀板在弹簧力和自身重力作用下快速关闭，而阀后的压力水通过导管系统返回膜片（活塞）上腔，并推动固定阀杆上的小阀板缓慢关闭。

Full Close State

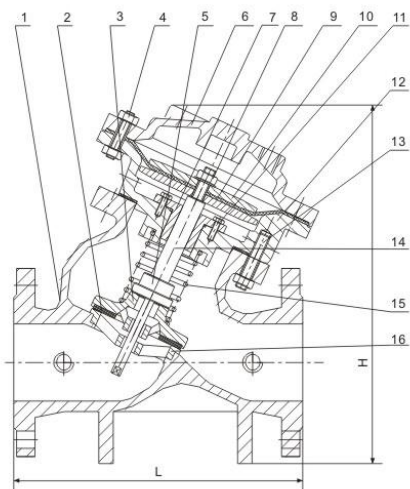
After pump is stopped, the flow velocity of water in valve will decline. When flow velocity approaches zero, main valve plate will quickly close by spring force and its deadweight. And the pressure water at the back of valve will return to the upper chamber of diaphragm (piston) through conduit tube system, and make the small valve plate on the fixed valve stem slowly closed.

多功能水泵控制阀系列 Multifunctional Pump Control Valves Series

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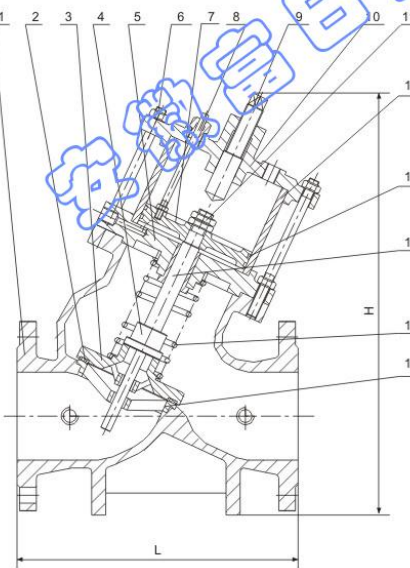
多功能水泵水力控制阀主阀(隔膜式)结构图 Multifunctional Hydraulic Control Valve Series (Diaphragm type) Structure Diagram



主要零件及材料(Main Parts and Materials)

序号 NO.	零件名称 Name	主要材质 Main Material
1	阀体 Valve Body	铸铁、铸钢、不锈钢 Cast Iron, Cast steel, Stainless steel
2	密封圈 Sealing Ring	丁腈橡胶 Nitrile-butadiene Rubber (NBR)
3	阀板 Valve board	球铁、铸钢 Spheroidal Graphite Cast Iron, Cast steel
4	螺栓、螺母 Plug, nut	碳素钢 Carbon steel
5	小阀板 Small Valve board	铸钢、不锈钢 Cast steel, Stainless Steel
6	阀盖 Bonnet	铸铁、铸钢、不锈钢 Cast Iron, Cast steel, Stainless steel
7	导向套 Guide sleeve	球铁、黄铜 Spheroidal Graphite cast Iron, Brass
8	阀杆螺母 Valve Stem nut	碳素钢 Carbon steel
9	膜片 Diaphragm	丁腈橡胶 Nitrile-butadiene Rubber (NBR)
10	膜片压板 Diaphragm Pressure Plate	球铁、碳素钢 Spheroidal Graphite Cast Iron, Carbon steel
11	导向套螺钉 Screw to guide sleeve	碳素钢 Carbon steel
12	膜片座 Diaphragm seat	铸铁、铸钢、不锈钢 Cast Iron, Cast steel, Stainless steel
13	螺栓 Bolt	碳素钢 Carbon steel
14	阀杆 Valve Stem	不锈钢 Stainless steel
15	压缩弹簧 Compression Spring	不锈钢 Stainless steel
16	阀座 Valve seat	碳素钢、不锈钢 Carbon steel, Stainless steel

多功能水泵水力控制阀主阀(活塞式)结构图 Multifunctional Hydraulic Control Valve Series (Piston type) Structure Diagram



主要零件及材料(Main Parts and Materials)

序号 NO.	零件名称 Name	主要材质 Main Material
1	阀体 Valve Body	铸铁、铸钢、不锈钢 Cast Iron, Cast steel, Stainless steel
2	密封圈 Sealing Ring	丁腈橡胶 Nitrile-butadiene Rubber (NBR)
3	阀板 Valve board	球铁、铸钢 Spheroidal Graphite Cast Iron, Cast steel
4	小阀板 Small Valve board	铸钢、不锈钢 Cast steel, Stainless steel
5	活塞座 Piston seat	铸钢、球铁 Spheroidal Graphite Cast Iron, Cast steel
6	螺栓螺母 stud nut	碳素钢 Cast Iron, Cast steel, Stainless steel
7	活塞 piston	球铁、黄铜 Spheroidal Graphite cast Iron, Brass
8	指示杆 Indication rod	不锈钢 Stainless steel
9	调节螺杆 adjusting screw stem	不锈钢 Stainless steel
10	阀盖 Bonnet	铸铁、铸钢、不锈钢 Cast Iron, Cast steel, Stainless steel
11	阀杆螺母 Valve stem nut	碳素钢 Carbon steel
12	活塞缸 Piston jar	不锈钢 Stainless steel
13	O型圈 O ring	丁腈橡胶 Nitrile-butadiene Rubber (NBR)
14	阀杆 Valve Stem	不锈钢 Stainless steel
15	压缩弹簧 Compression Spring	不锈钢 Stainless steel
16	阀座 Valve seat	碳素钢、不锈钢 Carbon steel, Stainless steel

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公称通径 Nominal Diameter	L1	L2	H 隔膜 Diaphragm	H 活塞 Piston	D		D1		Z-φd	
					PN10	PN16	PN10	PN16	PN10	PN16
49	200	200								
50	203	203	270	540		160		125		4-18
65	216	216	340	600		180		145	4-18	
80	241	241	400	660		195		160	4-18	4-18
100	292	292	440	760	215		180		8-18	
125	330	330	460	810	245		210		8-18	
150	394	356	500	860	285		240		8-23	
200	457	495	640	880	335		295		8-23	12-23
250	533	622	680	950	390	405	350	355	12-23	12-25
300	610	698	820	1020	440	460	400	410	12-23	12-25
350	686	787	950	1100	500	520	460	470	16-23	16-25
400	762	914	980	1250	565	580	515	525	16-25	16-30
450	864	978	1050	1350	615	640	565	585	20-25	20-30
500	914	978	1120	1550	670	715	620	650	20-25	20-34
600	1067	1200	1400	1600	780	840	725	770	20-30	20-41
700	1150	1450	1650	1850	895	910	840	840	24-30	24-41
800	1300	1560	1950	2050	1010	1025	950	950	24-34	24-41
900	1450	1800	/	2250	1115	/	1050	/	28-34	/
1000	1600	2000	/	2500	1230	/	1160	/	28-34	/
1200	1800	/	/		1455	/	1380	/	32-41	/
1400	2100	/	/		1675	/	1590	/	36-48	/
1600	2250	/	/		1915	/	1820	/	40-54	/
1800	2400	/	/		2115	/	2020	/	44-54	/

多功能水泵控制阀系列
Multifunctional Pump Control Valves Series



- 本阀主要用于市政工程、高层建筑、工矿企业等领域的取水、送水潜水污水泵房的给排水系统中，融电动阀、止回阀及水锤消除器的功能于一体，有效的提高了安全可靠性，满足系统自动化的要求。
- 具有闭阀、缓闭以及吸能腔三种消除水锤的结构，且动作完全联锁，不会产生误动作。当水泵启动或关闭时，能利用阀门两端的介质及其压力差作为驱动介质和控制动力，使阀门自动按水泵操作规程的要求进行联动，且不受管路压力和流量波动影响。
- 压力等级：PN10、PN16、PN25
- 隔膜式：DN50~350
- 活套式：DN50~800



- This valve is mainly used for water supply and transport system in municipal projects, high-rises, mines and factories etc., as well as the water supply and drainage system of submerged sewage pump room. Integrating the functions of electric valve, check valve and water hammer eliminator, this valve greatly improves security and dependability to meet the requirements of system automation.
- Plus, this valve is provided with three types of structure to eliminate water hammer including quick shut, slow shut and absorbing chamber, with actions completely linked without errors. When pump is started or stopped, it can use the mediums at two ends of valve and their pressure difference as driving mediums and control power, making valve automatically inter connected according to the operating regulations of pump, and not affected by pipeline pressure and flow wave.
- Pressure Grade: PN10, PN16, PN25
- Diaphragm Type: DN50–DN350
- Piston Type: DN50–DN800

水池

软密封闸阀

多泵

多功能水泵控制阀

至水塔用

- 本阀主要用于高层建筑和工矿企业的水箱、水池及水塔的自动供水系统，可控制水箱或水池液面，当水池水位达到预定水位时，阀门自动关闭；水位下降时，阀门自动开启补水。
- 本阀采用软、硬双阀板密封，利用液压控制原理，使阀板关闭力与进水压力成正比，密封可靠性高；而半直线型流道、宽阀体和过流截面积设计，阀门的流阻小，流阻小。
- 压力等级：PN10、PN16
- 隔膜式：DN50~DN350
- 活塞式：DN50~DN800



- This valve is mainly used in automatic water supply system of water tanks, reservoirs and water towers in high-rises, mines and factories, functioned to control the liquid level in water tank or reservoir. When the water level in reservoir rises to the preset level, valve will close automatically; when water level declines, valve will open automatically for water compensation.
- Provided with soft and hard valve plates for seal, this valve uses the theory of hydraulic control to effect direct ratio between closing force of valve plates and inlet pressure for dependable seal. The semi-linear channel, wide valve body and flow area design contribute to large flow and small flow resistance.
- Pressure Grade: PN10, PN16, PN25
- Diaphragm Type: DN50–DN350
- Piston Type: DN50–DN800

A technical cross-section drawing of a drainage system. On the left, a sink is shown with a drain pipe leading to a U-shaped trap. The trap is connected to a vertical vent pipe that extends upwards through the roof. The drawing illustrates the flow of wastewater from the sink, through the trap, and out of the building via the vent pipe.



多功能水泵控制阀系列 Multifunctional Pump Control Valves Series

全国免费热线：4001-899-439

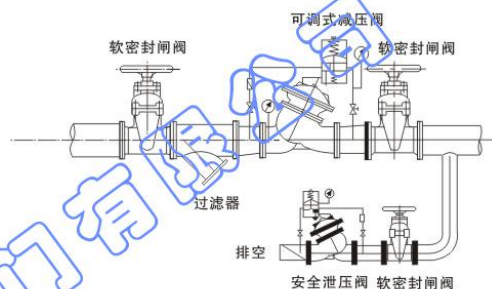
10 YX741X-16-可调式减压阀 YX741X-16-Adjustable Pressure Reducing Valve 25

- 本阀主要用于高层建筑和工矿企业以及医药、食品等领域的管路系统中，将较高的上游压力降为符合要求的下游正常使用压力。
- 能够控制阀门的固定出口压力，使阀门的出口压力不受进口压力以及流量的变化影响，减压效果可靠；且只需调节先导阀的调节螺钉，就能获得精确、稳定的出口压力。
- 压力等级：PN10（调节范围0.1-0.8MPa）
PN16（调节范围0.2-1.4MPa）
PN25（调节范围0.3-2.0MPa）
- 隔膜式：DN50~DN350
- 活塞式：DN50~DN800



- This valve is mainly used in pipeline system in the fields of high-rises, mines, factories, pharmaceuticals and foodstuff etc., functioned to lower the high pressure at upper stream to normal service pressure of lower stream.
- To control the fixed outlet pressure of valve not to be affected by the variations of inlet pressure and flow rate for effective decompression. The precise and steady outlet pressure can be obtained by only adjusting the bolts of pilot valve.
- Pressure Grade: PN10(Range of Adjustment 0.1~0.8Mpa)
PN16(Range of Adjustment 0.2~1.4Mpa)
PN25(Range of Adjustment 0.3~2.0Mpa)
- Diaphragm Type: DN50~DN350
- Piston Type: DN50~DN800

安装示意图(Installation Diagram)



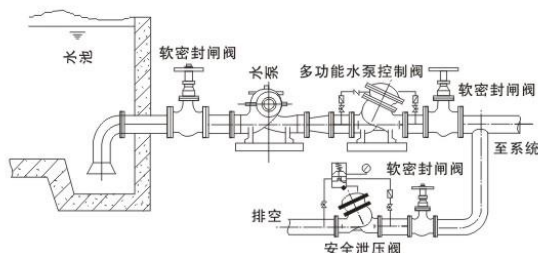
10 FRAX742X-16-安全泄压阀(持压/泄压阀) FRAX742X-16 safely Pressure Relief Valve (Pressure Release/Pressure Holding Valve) 25

- 本阀主要用于高层建筑和工矿企业以及医药、食品等领域的管路系统中，可对压力波快速反应快速释放，防止压力急剧增高而损坏管线及设备，特别适用于高层建筑消防系统泄压，并可以安装于减压阀的下游，确保系统安全不超压。
- 具有准确且保持不变的安全稳定压力，一旦超压，阀门能充分打开及时泄压；阀门关闭速度可调；隔膜或活塞传动机构能将操作滞后现象减小到最小；本阀可安装与任何位置，不需改变压力设定或从管路上拆除就可进行维修和检查。
- 压力等级：PN10（调节范围0.3-0.9MPa）
PN16（调节范围0.5-1.4MPa）
PN25（调节范围0.5-2.4MPa）
- 隔膜式：DN50~DN350
- 活塞式：DN50~DN800



- This valve is mainly used in pipeline system in the fields of high-rises, mines, factories, pharmaceuticals and foodstuff etc., functioned to effect quick response and quick release to pressure wave, thus to prevent pipeline and equipments from damage due to sudden pressure rise. It is especially applicable for pressure release of fire control system in high-rises. Plus, this valve can be mounted at the lower stream of pressure reducing valve to prevent system from excessive pressure.
- This valve is provided with accurate and invariant pressure of high security and smoothness. In case of excessive pressure, this valve will be thoroughly opened for pressure release; adjustable closing speed of valve; diaphragm or piston drive mechanism functioned to minimize the phenomenon of lagged operation; this valve may be mounted at any location, and servicing and examination may be done with no need to change pressure setting or disassemble it from pipeline.
- Pressure Grade: PN10(Range of Adjustment 0.3~0.9Mpa)
PN16(Range of Adjustment 0.5~1.4Mpa)
PN25(Range of Adjustment 0.5~2.4Mpa)
- Diaphragm Type: DN50~DN350
- Piston Type: DN50~DN800

安装示意图(Installation Diagram)



多功能水泵控制阀系列 Multifunctional Pump Control Valves Series

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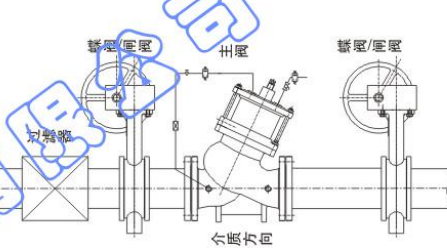
10 FRJ145X-16-电动遥控阀 FRJ145X-16 Electric remote control valve 25

- 本阀主要用于高层建筑和工矿企业以及医药、食品等领域的管路系统中，根据电信号或手动操作，使阀门打开或关闭。
- 能够根据电信号准确快速的控制阀门启闭；阀门关闭速度可调，且平稳关闭不会产生压力波动；采用直通电磁阀控制，维护简单。
- 压力等级：PN10、PN16、PN25
- 隔膜式：DN50~DN350
- 活塞式：DN50~DN800
- 电磁阀的说明：电压交流220V，或直流24V；形式防暴、常开、常闭（任选）



- This valve is mainly used in the pipeline system in the fields of high-rises, mines, factories, pharmaceuticals and foodstuff etc., Opened and closed by electric signal or hand operation.
- Accurate and quick open and close of valve may be obtained according to electric signal; adjustable closing speed of valve, no pressure wave if smoothly closed; controlled by straightway electromagnetic valve, and easy maintenance.
- Pressure Grade: PN10, PN16, PN25
- Diaphragm Type: DN50~DN350
- Piston Type: DN50~DN800
- Description of electromagnetic valve: AC220V, or DC24V; explosion-proof, normal open or normal close type (for options)

安装示意图(Installation Diagram)



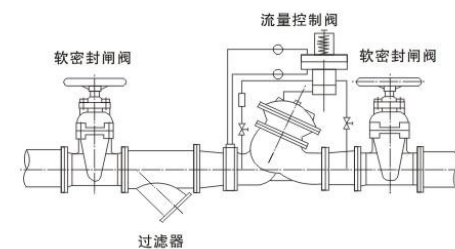
10 FR715X-16-流量控制阀 FR715X-16 Flow control valve 16

- 本阀主要用于高层建筑和工矿企业以及医药、食品等领域的管路系统中，保持下游预定的流量，不随系统压力的变化而改变。
- 具有稳流效果好，承压管能向敏感敏感的导阀发出信号，反应快速而准确；调节操作方便，只需调节导阀的调节螺钉，就能获得精确稳定的出口流量。
- 压力等级：PN10（出口压力调节范围0.1-0.8MPa）
PN16（出口压力调节范围0.2-1.4MPa）
- 隔膜式：DN50~DN350
- 活塞式：DN50~DN800
- 流速范围：0.5~5m/s



- This valve is mainly used in pipeline system in the fields of high-rises, mines, factories, pharmaceuticals and foodstuff etc., functioned to maintain the preset flow at lower stream not subject to the changes of system pressure.
- Smooth flow, piezometer functioned to send out signal to the fairly sensitive pilot valve for quick and accurate response; easy adjustment and operation, with precise and smooth outlet flow being obtained by only adjusting the bolt of pilot valve.
- Pressure Grade: PN10(Range of Adjustment 0.1~0.8Mpa)
PN16(Range of Adjustment 0.2~1.4Mpa)
- Diaphragm Type: DN50~DN350
- Piston Type: DN50~DN800
- Range of Flow Velocity: 0.5-5m/s

安装示意图(Installation Diagram)





多功能水泵控制阀系列 Multifunctional Pump Control Valves Series

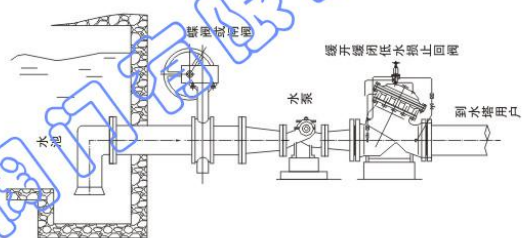
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FR30XA- $\frac{10}{25}$ 缓开、缓闭低水损止回阀 FR30XA- $\frac{10}{25}$ slow opening & slow shut low water loss check valve FR30XB- $\frac{10}{25}$ 缓开、快闭低水损止回阀 FR30XB- $\frac{10}{25}$ slow opening & quick shut low water loss check valve

- 本阀具有缓开、缓闭(快闭)消除水锤、止回功能，可以取代止回阀、电动阀和水锤吸纳器。一般安装在水泵出口处。依靠导阀的作用，在水泵开启时缓慢开启；在运行过程中，因介质压力作用，阀门全开，控制腔与大气接通，接近零水损；在水泵停止时，缓慢关闭(快闭)，防止水锤噪音等并止回。
- 阻力损失小，接近零水损：控制动作压力小于0.05Mpa，局部阻力系数小于1.0。
- 水泵停止运动时，GL30XA 主阀分两级关闭，主阀瓣先快闭90%，小阀瓣再缓慢关闭(关闭速度可根据现场工况进行调节)，消除水锤和噪音。
- 水泵停止运行时，GL30XB 主阀在0.5秒之内快速关闭，消除水锤和噪音。
- 实现水泵闭阀启动功能：即在泵启动时，阀门处于关闭状态，当压力上升到设定值时，阀门缓慢开启，避免水泵空载启动产生过大电流冲击损坏电机。
- 压力等级：PN10、PN16、PN25

- This valve has the functions of slow opening & shut (or quick shut) water hammer elimination and non-return. It can replace check valve, electric valve and water hammer receiver. Usually mounted in the outlet of water pump, it depends on pilot to slowly open when water pump is opening. In operation, with the effect of medium pressure, valve is fully opened, controlling chamber gets through with atmosphere, the water loss is close to zero. When water pump stops, it shuts slowly (or shuts quickly) to eliminate noise and function as non-return.
- Small resistance loss. Almost zero water loss: pressure of control action is < 0.05Mpa, local resistance parameter is < 1.0.
- GL30XA main valve is closed in two stages when water pump stops. First the main disc quickly close 90%, then small disc shut slowly, thus to eliminate water hammer and noise. (closing speed can be adjusted according to the working condition at site)
- GL30XB main valve will shut quickly within 0.5 second to eliminate water hammer and noise when pump stops.
- Water pump starts closed valve: according to working condition at site, preset a pressure value of pilot, that is, when pump is on, valve is in the state of close. When the pressure raises to the set value, valve opens slowly to avoid overlarge electric current impacts and damages electric motor when water pump starts in no-load.
- Pressure Grade: PN10、PN16、PN25

安装示意图(Installation Diagram)

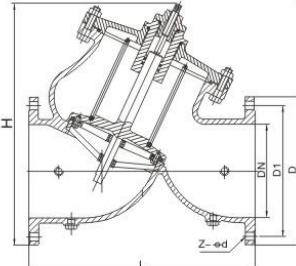
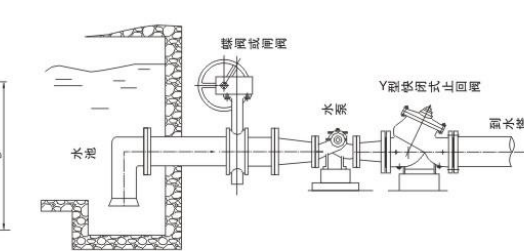


FRH41X- $\frac{10}{25}$ Y型快闭止回阀 FRH41X- $\frac{10}{25}$ Y type quick closing check valve

- Y型快闭止回阀主要安装在取水、送水、加压、潜水、污水等水泵的出水管道上，起到止回和快闭的作用，无水流，水头损失小，防止水锤的产生，有效地提高供水安全可靠。同时本阀还设有流量调节装置，随时可以控制阀门的流量，必要时也可以手动关闭。
- 消除水锤、噪音：启闭与主阀瓣连锁动作，自动实现速闭，不受水泵流量、扬程波动影响。防水倒流，使停泵后的水锤压力减弱到最低极限。
- 节能效果显著：采用流线宽阀体、直流式设计，利用介质压力驱动无需外接动力，与进口同类产品相比，阻力损失降低50%以上。
- 压力等级：PN10、PN16、PN25

- Y type quick closing check valve is mainly mounted in the outlet pipeline of water pump, with functions of non-return and quick close. No backflow, small head loss, prevention of water hammer, all these effectively improve the safety of water transporting system. Meanwhile, this valve is equipped with flow regulating device to freely control the flow of valve. It can be manually closed when necessary.
- Water hammer & noise elimination: its start and stop is interlocked with main disc, can automatically effect quick close without the influence of flow in water pump or fluctuation of lift head. Its backflow proof reduces pressure of water hammer to minimum when pump stops.
- Compared with similar imported products, its resistance loss lowers over 50%.
- Pressure Grade: PN10、PN16、PN25

安装示意图(Installation Diagram)



多功能过滤活塞式控制阀系列 Multifunctional Filter Piston Hydraulic Control Valves Series

全国免费热线：4001-899-439



结构特点

多功能过滤活塞式控制阀系列在主阀内部装有过滤网结构，与多功能水力控制阀+Y型过滤器的配套装置相比，大大节省阀门的成本和安装空间。阀门的驱动装置采用双腔控制结构，即活塞下腔与下游处单独隔出一个控制室。本系列阀门是通过主阀内双腔与外装的导阀、导管、调节阀等连接组合成使用场所、目的及功能不同的阀门。此外，还在活塞上腔的阀盖上配备了调节螺杆装置，通过调节螺杆可以适当的调节流量或者关闭阀门。

Structural Features

Provided with a filter screen inside main valve, multifunctional filter piston hydraulic control valves series greatly economize cost and installation space compared with multifunctional hydraulic control valves +Y-type filter. The drive mechanism of valve uses double-chamber control structure, namely an independent control cabinet is placed between the lower chamber of piston and lower stream. This series of valves are formed by connecting double chamber of main valves to outside-mounted pilot valves, conduit tubes, adjusting valves and etc. They perform to be various valves according to different service locations, purposes and functions. Besides, an adjusting screw is fitted on the bonnet at the upper chamber of piston. You may adjust the screw to suitably regulate flow or to close the valve.

主要型号名称(Names of Main Models)

FR98001 过滤活塞式可调减压阀 Filter piston type adjustable pressure reducing valve
FR98002 过滤活塞式安全泄压阀 Filter piston type safety relief valve
FR98003 过滤活塞式遥控浮球阀 Filter piston type remote-control float valve
FR98004 过滤活塞式缓闭止回阀 Filter piston type slow shut check valve
FR98005 过滤活塞式电动浮球阀 Filter piston type electric float valve
FR98006 过滤活塞式电磁控制阀 Filter piston type electromagnetic control valve

技术参数(Technical parameter)

阀体 Valve Body	连接方式 Connecting Mode	强度试验 Strength Test	密封试验 Seal Test	适用温度(°C) Applicable Temperature	适用介质 Applicable Medium
Y+Y型 Y+Y Type	法兰连接 Flange Connection	1.5倍公称压力 1.5 Times of Nominal Pressure	1.1倍公称压力 1.1 Times of Nominal Pressure	≤80°C	水、油品 Water, Oil

动作原理

多功能过滤活塞式控制阀是通过一个双腔控制室，利用液压原理控制主阀缓慢开启或处于调节状态。阀门在阀盖上配置调节螺杆置，因而可以控制阀门的最大开度和流量，并在必要时可以手动阀。

Action Principle

Functional pump hydraulic control valve uses a double-chamber control cabinet to make main valve plate slowly opened or under adjusting state in the theory of hydraulic pressure. An adjusting screw is fitted on bonnet to control the maximum opening and flow of valve, and can be closed by hand if necessary.

全开状态

当水泵启动后，阀门进水口压力上升，压力水一方面推动主阀瓣开启，另一方面通过导管系统进入活塞下腔，而活塞上腔的水通过导管系统泄入压力级的阀门出口口，而阀门在二合力的作用下缓慢开启。

Fully Opened State

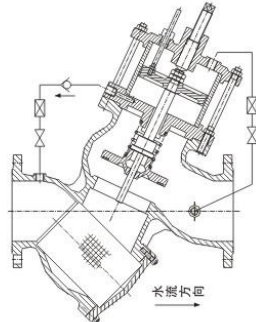
After pump is started, the pressure of valve inlet will rise. Pressure water pushes main valve plate to open. And on the other hand, pressure water will enter the lower chamber of piston through conduit tube. The water at the upper chamber of piston will enter valve outlet of lower pressure through conduit tube system. And valve will open slowly under duplex force.

全闭状态

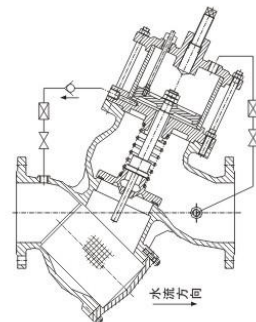
当水泵停机后，阀门中的水流速度降低，在接近零时，主阀瓣在弹簧力和自身重力作用下快速关闭，而阀后的压力水通过导管系统返回到活塞上腔，并推动固定在阀杆上的小阀板缓慢关闭。

Fully closed State

After water pump shuts down, flow velocity in valve will reduce to nearly zero, main valve board closes fast under spring strength and its own dead weight, and pressure water behind the valve returns to the upper cavity of piston through pipe system, and promote the small valve board on the regular valve stem to close slowly.



全开状态
Fully Opened State



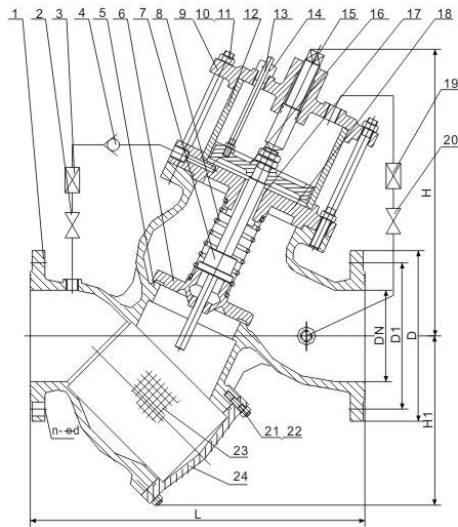
全闭状态
Fully closed State



多功能过滤活塞式控制阀系列 Multifunctional Filter Piston Hydraulic Control Valves Series

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过滤活塞式控制阀主阀(隔膜式)结构图 Structural diagram of main valve to filter piston type control valve (diaphragm type)



主要零件材质表(Main Parts and Materials)

序号 No.	零件名称 Name	材质 Material
1	阀体 Valve Body	铸铁、铸钢 Cast Iron Stainless Steel
2/20	球阀 Ball valve	黄铜 Brass
3/19	Y型过滤器 Y type filter	黄铜 Brass
4	微止回阀 Micro non-return valve	黄铜 Brass
5	阀座 Valve seat	铸钢 Casting steel
6	阀瓣 Disc	铸钢 Casting steel
7	阀杆 Valve Stem	不锈钢 Stainless Steel
8	压缩弹簧 Compression spring	不锈钢 Stainless Steel
9	阀盖 Bonnet	铸铁、铸钢 Casting iron casting steel
10	六角螺母 Hex nut	碳素钢 Carbon steel
11	双头螺栓 Double-screw stud	碳素钢 Carbon steel
12	活塞缸 Piston jar	不锈钢 Stainless Steel
13	指示杆 Indication rod	不锈钢 Stainless Steel
14	填料盒 Packing box	黄铜 Brass
15	调节螺杆 Regulate spiral shell's pole	不锈钢 Stainless Steel
16	活塞 Piston	不锈钢 Stainless Steel
17	导向套 Guide sleeve	黄铜 Brass
18	活塞座 Piston seat	铸铁、铸钢 Casting iron casting steel
21	六角螺母 Hex nut	碳素钢 Carbon steel
22	双头螺栓 Double-screw stud	碳素钢 Carbon steel
23	过滤网 Screen	不锈钢 Stainless Steel
24	过滤网盖 Cover to filter screen	铸铁、铸钢 Casting iron casting steel

主要外型尺寸(The main size of appearance)

通径DN Nominal Diameter	L	H	H1	P			D1			Z-φ		
				PN10	PN16	PN25	PN10	PN16	PN25	PN10	PN16	PN25
40	260	236	155	150				110			4-18	
50	300	236	155	160				125			4-18	
65	340	250	165	180				145		4-18		8-18
80	380	280	180	195				160		4-18	4-18	8-18
100	430	310	210	215		230	180		190	8-18		8-23
125	450	360	240	245		270	210		220	8-18		8-25
150	480	413	260	285		300	240		250	8-23		8-25
200	600	510	330	335		360	295		310	8-23	12-23	12-25
250	730	668	410	390	405	425	350	355	370	12-23	12-25	12-30
300	850	875	485	440	460	485	400	410	430	12-23	12-25	16-30
350	980	980	270	500	520	550	460	470	490	16-23	16-25	16-34
400	1100	1050	300	565	580	620	515	525	550	16-25	16-30	16-34

注：DN450 以上阀门以多功能控制阀来安装。note: valve above DN450 should use multi-functional control valve.

设计与应用标准(Design and Application Standard)

- 设计与制造标准：GB/T 10674-2006
- 法兰连接标准：JB/T 78-1994、JB/T 79-1994、GB/T 9112-9124-2000、GB/T 17241.6-1998
- 结构长度标准：GB/T 12221-2005、JB/T 10674-2006、厂标
- 检验与试验标准：JB/T 9092-1999、JB/T 10674-2006、GB/T 12245-1989

- design and manufacture standard: GB/T 10674-2006
- connecting flange standard: JB/T 78-1994、JB/T 79-1994、GB/T 9112-9124-2000、GB/T 17241.6-1998
- end to end standard: GB/T 12221-2005、JB/T 10674-2006、manufacturer standard
- test and inspection standard: JB/T 9092-1999、JB/T 10674-2006、GB/T 12245-1989

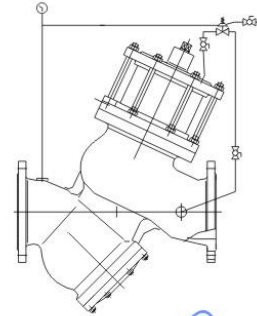
多功能过滤活塞式控制阀系列 Multifunctional Filter Piston Hydraulic Control Valves Series

全国免费热线：4001-899-439



FR98001过滤活塞式可调减压阀 FR 98001 Filter piston type adjustable pressure reducing valve

安装示意图(Installation Diagram)

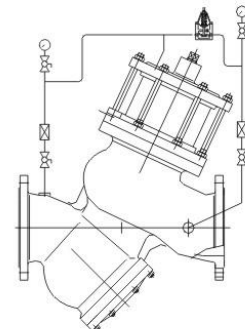


- 本阀是利用管路中的水压自动操作主阀瓣的上下移动，控制阀门的开启，调节下游压力，使下游压力维持在导阀弹簧设定值上，当下游压力超过设定值时，减压阀将自动关闭，不管进口压力怎样波动，都可输出稳定的出口压力。不管下游流量怎样变换，都能维持出口稳定在导阀设定值之上。同时通过导阀调节的出口压力调节范围大，可达到阀前压力10-80%。
- 一般用于生活给水、消防及工业给水系统。
- 压力等级：PN10 (调节范围0.1-0.8MPa)
PN16 (调节范围0.2-1.4MPa)
PN25 (调节范围0.3-2.0MPa)
- 规格：DN40~DN500

- This valve uses hydraulic pressure in pipeline to make main valve disc moving up and down, to control valve's opening and to adjust the pressure at lower stream, thus making the pressure at lower stream to the preset value by pilot valve spring. When the pressure at lower stream exceeds the preset value, pressure reducing valve will close automatically. No matter how the inlet pressure waves, it can produce smooth outlet pressure. No matter how the flow at lower stream changes, it can maintain the outlet in the preset value of pilot valve. Meanwhile, the outlet pressure, which is adjusted by pilot valve, boasts of a large adjustment, up to 10-80% of front pressure of valve.
- This valve is usually used in daily fire-fighting and industrial water supply system.
- Pressure Grade: PN10 (Range of Adjustment 0.1-0.8Mpa)、PN 16 (Range of Adjustment 0.2-1.4Mpa)、PN25(Range of Adjustment 0.3-2.0 Mpa)
- Specification: DN40-DN500

FR98002过滤活塞式安全泄压阀 FR98002 Filter Piston Safety Relief Valve

安装示意图(Installation Diagram)



- 本阀作泄压阀时可将给水管路中超过先导阀安全设定值的压力释放掉，并维持管路压力在一安全设定值之下，以防止管路中高压或突压损坏管线或设备，可用于高层大楼消防测试循环系统以及其他给水平衡系统之泄压用。
- 本阀作持压阀时可维持主阀上游供水压力于某一设定值以上，以保障主阀上游供水区的压力，主要用于城市低压供水区域。
- 压力等级：PN10 (调节范围0.3-0.9MPa)
PN16 (调节范围0.5-1.4MPa)
PN25 (调节范围0.5-2.4MPa)
- 规格：DN40~DN500

- When used as a pressure release valve, this valve performs to release the unwanted pressure beyond the preset safe value of pilot valve in pipeline, and maintains pipeline pressure below a certain preset safe value, thus to prevent pipeline and equipments from damage due to high or sudden pressure. It is used to test circulating system of fire control in high-rise and to release pressure in other water supply balancing system.
- When used as pressure holding valve, this product can maintain the water supply pressure at the upper stream of main valve in a certain preset value to ensure the pressure of main valve at the upper stream water supply area. It is mainly used in low-pressure water supply areas in city.
- Pressure Grade: PN10 (Range of Adjustment 0.3-0.9Mpa)、PN16(Range of Adjustment 0.5-1.4Mpa)、PN25(Range of Adjustment 0.5-2.4Mpa)
- Specification: DN40-DN500

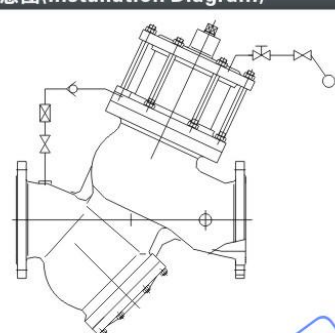


多功能过滤活塞式控制阀系列 Multifunctional Filter Piston Hydraulic Control Valves Series

全国免费热线：4001-899-439

FR98003过滤活塞式遥控浮球阀 FR98003 filter piston type remote-control float valve

安装示意图(Installation Diagram)

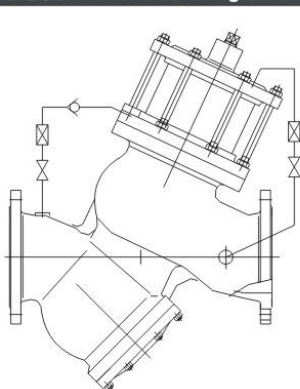


- 本阀主要用于高层建筑和工矿企业的水箱、水池及水塔的自动供水系统，可控制水箱或水池液面，当水池水位达到预定水位时，阀门自动关闭；水位下降时，阀门自动开启补水。
- 本阀采用软、硬双阀板密封，利用液压控制原理，使阀板关闭力与进水压力成正比，密封可靠性高。
- 控制浮球阀一般与主阀体分离安装
- 压力等级：PN10、PN16
- 规格：DN40~DN500

- This valve is mainly used in automatic water supply system of water tanks, reservoirs and water towers in high-rises, functioned to control the liquid level in water tank or reservoir. When the water level in reservoir rises to the preset value, valve will close automatically; when water level declines, valve will open automatically for water compensation.
- Provided with soft and hard valve plates for seal, this valve uses hydraulic control to effect direct ratio between closing force of valve plates and inlet pressure for dependable seal.
- Float valve is usually separately mounted from main valve body.
- Pressure Grade: PN10、PN16
- Specification: DN40~DN500

FR98004型过滤活塞式缓闭止回阀 FR98004 filter piston type slow shut check valve

安装示意图(Installation Diagram)



- 本阀主要安装在取水、送水、加压、潜水、污水等泵站的水泵出水管道上。同时兼具止回阀，截止阀、调节阀、过滤器以及水锤消除器的作用。
- 本阀还具有开启和关闭速度调控的止回阀作用，可视具体工况配合现场调节最佳的开启和关闭速度，可防止水锤及水击的产生，达到除噪的效果。
- 压力等级：PN10、PN16、PN25
- 规格：DN40~DN500

- Integrating the functions of check valve, stop valve, adjusting valve, filter and water hammer eliminator, this valve is mainly mounted on the outlet pipeline in water supply, transport, pressurization, submerged and sewage pump stations.
- Plus, provided with the function of check valve with adjustable opening and closing speed, it can be adjusted to a ideal opening or closing speed according to the specific working conditions, thus to avoid the production of water hammer and slamming to effect noise elimination.
- Pressure Grade: PN10、PN16、PN25
- Specification: DN40~DN500

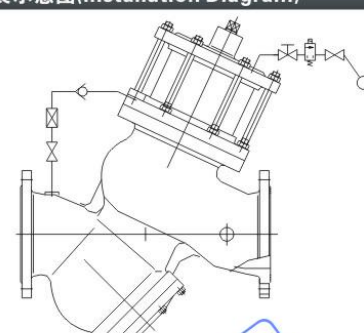
多功能过滤活塞式控制阀系列 Multifunctional Filter Piston Hydraulic Control Valves Series

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FR 98005过滤活塞式电动浮球阀 FR98005 filter piston type electric float valve

安装示意图(Installation Diagram)

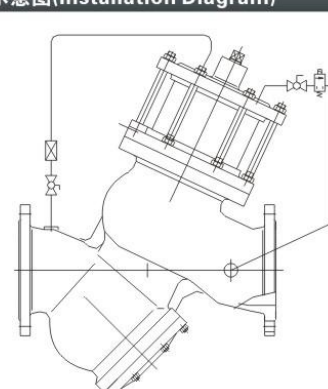


- 本阀在普通过滤活塞式遥控浮球阀的基础上加上220V电磁控制阀，能起到双重保险作用。正常的工作情况下电磁控制阀通电开启，与过滤活塞式遥控浮球阀同时工作，只有过滤活塞式遥控浮球阀起控制作用；此外若总电源断电，电磁控制阀也断电，主阀关闭，在恢复通电后，过滤活塞式电动浮球阀正常工作。
- 控制浮球阀一般与主阀体分离安装
- 压力等级：PN10、PN16
- 规格：DN40~DN500

- This valve is provided with a 220V electromagnetic control valve on the base of an ordinary filter piston remote-control float valve for dual assurance. Under normal working conditions, electromagnetic control valve starts when gets power, meanwhile works together with filter piston remote-control float valve. Only filter piston remote-control float valve performs the function of control. Besides, cut off of power supply will lead to power failure of electromagnetic control valve, and main valve will close. After power supply resumes, filter piston electric float valve will continue to work in good condition.
- Float valve is usually separately mounted from main valve body.
- Pressure Grade: PN10、PN16
- Specification: DN40~DN500

FR98006过滤活塞式电磁控制阀 FR98006 filter piston type electromagnetic control valve

安装示意图(Installation Diagram)



- 本阀主要用于高层建筑和工矿企业以及医药、食品等领域的管路系统中，根据电信号或手动操作，使阀门打开或关闭。
- 能够根据电信号准确快速的控制阀门启闭；阀门关闭速度可调，且平稳关闭不会产生压力波动；采用直通电磁阀控制，维护简单。
- 压力等级：PN10、PN16、PN25
- 规格：DN40~DN500
- 电磁阀：电压交流220V，或直流24V；形式防爆、常开、常闭(任选)

- This valve is mainly used in the pipeline system in the fields of high-rises, mines, factories, pharmaceuticals and foodstuff etc.,. Opened and closed by electrical signal or by hand operation.
- Accurate and quick open or close may approach according to electrical signal; adjustable closing speed of valve, smoothly closed without fluctuation pressure; controlled by straightway electromagnetic valve, and easy maintenance.
- Pressure Grade: PN10、PN16、PN25
- Specification: DN40~DN500
- Electromagnetic valve: Exchange 220V, or direct current 24V in voltage; explosion prevention, normal open, normal close(optional)



水力控制阀系列 Hydraulic Control Valves Series

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结构特点

水力控制阀一般分为隔膜式和活塞式，它们的工作原理相同；水力控制阀是由一个主阀及其外装之针型阀（调节阀）、先导阀、导管和压力表等组成并配合使用场所、目的及功能的不同而演变为各种阀门。

主要型号名称(Names of Main Models)

100X遥控浮球阀 100X Remote-control float valve	200X减压阀 200X pressure reducing valve
300X缓闭止回阀 300X slow shut check valve	400X流量控制阀 400X flow control valve
500X泄压/持压阀 500X pressure release/pressure holding valve	600X电动控制阀 600X electric control valve
700X水泵控制阀 700X pump control valve	800X恒定压差阀 800X constant differential pressure valve
900X紧急关闭阀 900X emergency shut valve	106X电磁遥控浮球阀 106X electro magnetic remote-control float valve
100D定水位阀 100D fixed water level valve	

主要技术性能(Performance Parameters)

阀体 Valve body	连接方式 Connecting Mode	强度试验 Strength test	密封试验 Seal test	适用温度 Applicable Temperature	适用介质 Applicable medium
直通型 Throughway type	法兰连接 Flange Connection	1.5	1.1	≤ 80℃	水、油品 Water and Oil

动作原理

水力控制阀分隔膜式和活塞式两大类，本厂所提供的口径DN350以下的采用隔膜式，DN400以上的采用活塞式，两种形式的动作原理相同；都是以上下游的压力差 ΔP 为动力，通过导管系统，推动膜片(活塞)上下移动，完全水力自动调节，从而使主阀阀板完全开启或完全关闭或处于调节状态。



Structural Features

Hydraulic control valves are generally classified to diaphragm type and piston type, whose working principles are the same. Hydraulic control valve is composed of a main valve, and needle valve(adjusting valve), pilot valve, conduit tube and pressure gauge etc. Mounted outside. They perform to be various valves according to different service locations, purposes and functions.

Action principle

Hydraulic control valves are classified to diaphragm type and piston type. We provide diaphragm type for caliber below Dn350 and piston type for caliber above DN400. Both of them are provided with the same action principles, that is using the pressure difference ΔP between the upper and lower streams as drive to force diaphragm(piston) moving up and down through conduit tube system to effect automatic hydraulic adjustment, thus to make main valve plate fully opened, fully closed or under adjusting state.

完全关闭状态

当主阀进口端水压分别进入阀体及控制室，且主阀的外部球阀同时关闭，此时主阀处于完全关闭状态。

Fully closed state

When the hydraulic pressure at the inlet of main valve enters valve body and control cabinet, meanwhile outside ball valve of main valve is closed, then main valve is under fully closed state.

完全开启状态

当主阀外部的球阀全开后，此时控制室内水压全部释放到管路下游，而主阀也呈现为完全开启状态。

Fully opened state

When the outside ball valve of main valve is fully opened, here the hydraulic pressure inside control cabinet is entirely released to the lower stream of pipeline, making main valve fully opened state.

浮动调节状态

调节主阀外部的球阀开度，使进水端流向控制室的水流和控制室流向下游的水流达到平衡，此时主阀处于调节浮动状态。

Float adjusting state

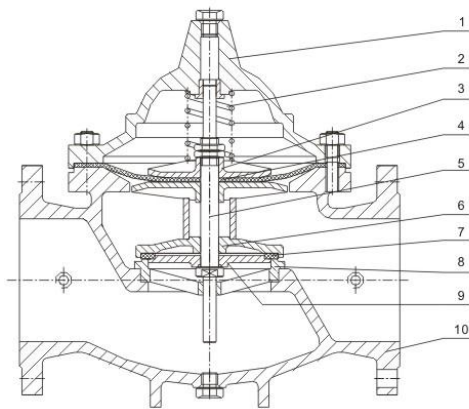
Adjust the opening of outside ball valve of main valve to balance the water flow from inlet to control cabinet and the water flow from control cabinet to lower stream, here main valve is under adjusting float state.

水力控制阀系列 Hydraulic Control Valves Series

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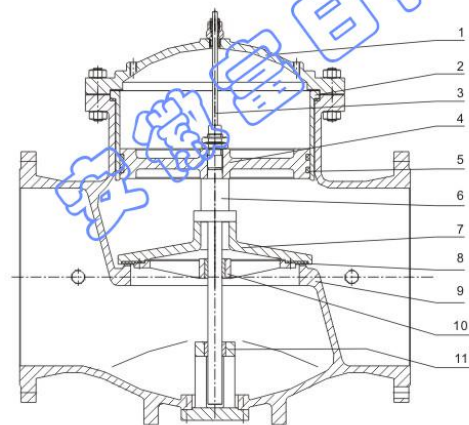
水力控制阀主阀(隔膜式)结构图 Structural Diagram of main valve to (Diaphragm type) Hydraulic control valve



主要零件及材料(Main Parts and Materials)

编号 No.	零件名称 Name	主要材质 Material
1	阀盖 Bonnet	灰铸铁、球墨铸铁、碳素钢、不锈钢 Gray casting iron, Spheroidal Graphite Cast Iron, Carbon steel, Stainless Steel
2	压缩弹簧 Compression Spring	硅锰钢、铬钒钢、不锈钢 Silico-manganese steel, Chromium vanadium steel, Stainless Steel
3	膜片压板 Diaphragm Pressing Plate	黄铜、碳素钢、球墨铸铁 Brass, Carbon steel, Spheroidal Graphite Cast Iron
4	膜片 Diaphragm	丁腈橡胶 Nitrile-butadiene Rubber(NBR)
5	阀杆 Valve Stem	不锈钢 Stainless Steel
6	阀板 Valve board	黄铜、碳素钢、球墨铸铁 Brass, Carbon steel, Spheroidal Graphite Cast Iron
7	密封圈 Sealing Ring	丁腈橡胶 Nitrile-butadiene Rubber(NBR)
8	阀座 Valve seat	黄铜、不锈钢、碳素钢 Brass, Stainless Steel, Carbon steel
9	阀板压板 Valve board pressing plate	黄铜、碳素钢、球墨铸铁 Brass, Carbon steel, Spheroidal Graphite Cast Iron
10	阀体 Valve Body	灰铸铁、球墨铸铁、碳素钢、不锈钢 Gray casting iron, Spheroidal Graphite Cast Iron, Carbon steel, Stainless Steel

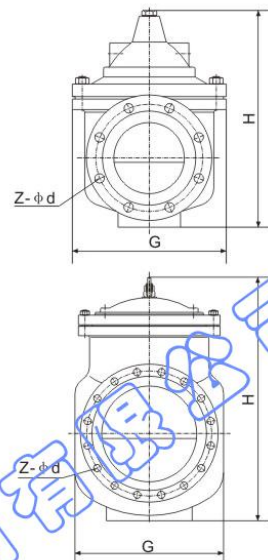
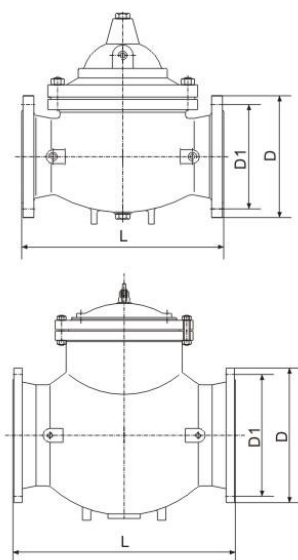
水力控制阀主阀(活塞式)结构图 Structural Diagram of Main Valve to (Piston Type)Hydraulic Control Valve



主要零件及材料(Main Parts and Materials)

编号 No.	零件名称 Name	主要材质 Material
1	阀盖 Bonnet	灰铸铁、球墨铸铁、碳素钢、不锈钢 Gray casting iron, Spheroidal Graphite Cast Iron, Carbon steel, Stainless Steel
2	缸套 Jar set	不锈钢 Stainless Steel
3	指示杆 Indication rod	黄铜、碳素钢、球墨铸铁 Brass, Carbon steel, Spheroidal Graphite Cast Iron
4	活塞 Piston	黄铜、碳素钢、球墨铸铁 Brass, Carbon steel, Spheroidal Graphite Cast Iron
5	O型圈 O ring	丁腈橡胶 Nitrile-butadiene Rubber(NBR)
6	阀杆 Valve Stem	不锈钢 Stainless Steel
7	阀板 Valve board	黄铜、碳素钢、球墨铸铁 Brass, Carbon steel, Spheroidal Graphite Cast Iron
8	密封圈 Sealing Ring	丁腈橡胶 Nitrile-butadiene Rubber(NBR)
9	阀体 Valve Body	灰铸铁、球墨铸铁、碳素钢、不锈钢 Gray casting iron, Spheroidal Graphite Cast Iron, Carbon steel, Stainless Steel
10	阀板压板 Valve board pressing plate	黄铜、不锈钢、碳素钢 Brass, Stainless Steel, Carbon steel
11	导向底座 Guide base	灰铸铁、球墨铸铁、碳素钢、不锈钢 Gray casting iron, Spheroidal Graphite Cast Iron, Carbon steel, Stainless Steel

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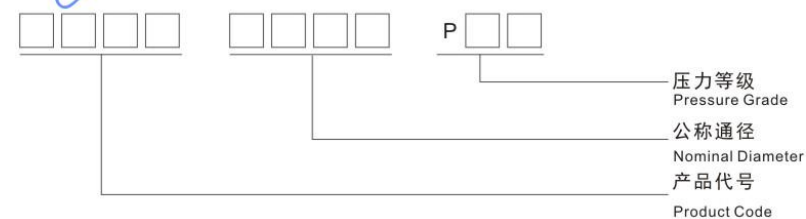
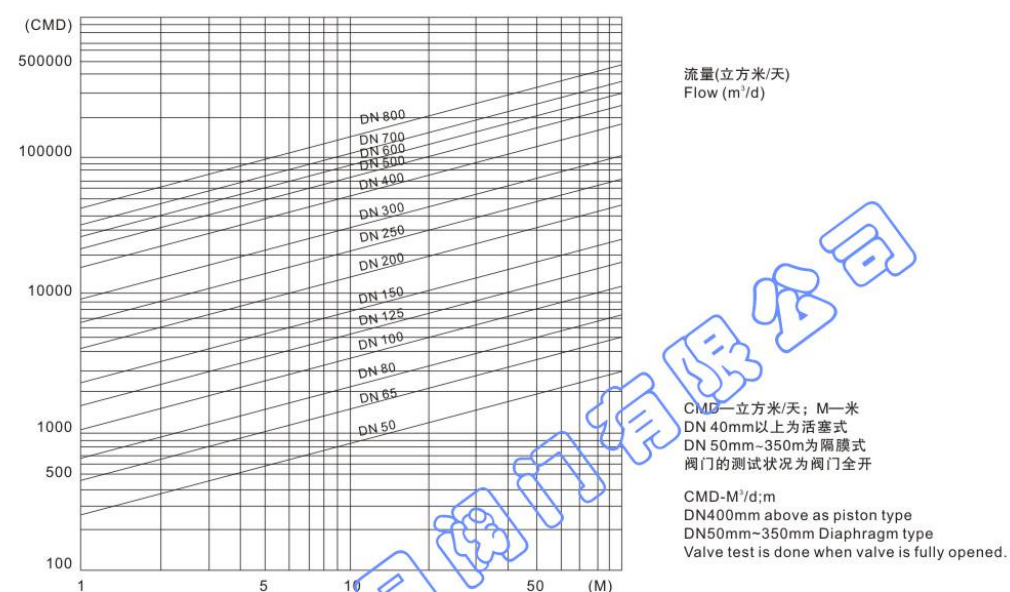


公称通径 DN Nominal Diameter	L	L1	H	G	D			D1			Z-φ			
					PN10	PN16	PN25	PN10	PN16	PN25	PN10	PN16	PN25	
32	180	180	235	120		146			100			4-18		
40	200	200	245	130		150			110			4-18		
50	203	203	255	134		165			125			4-18		
65	216	216	285	200		185			145			4-18		8-18
80	241	241	305	236		200			160			4-18	8-18	8-18
100	292	292	360	254	220		235	180		190	8-18		8-23	
125	330	330	415	310	250		270	210		220	8-18		8-25	
150	394	356	460	350	285		300	240		250	8-23		8-25	
200	457	495	550	365	340		360	295		310	8-23	12-23	12-25	
250	533	622	645	480	395	405	425	350	355	370	12-23	12-25	12-30	
300	610	698	730	600	445	460	485	400	410	430	12-23	12-25	16-30	
350	686	787	920	670	505	520	550	460	470	490	16-23	16-25	16-34	
400	762	914	1025	624	565	580	620	515	525	550	16-25	16-30	16-34	
450	864	978	1135	720	615	640	670	565	585	600	20-25	20-30	20-36	
500	914	978	1250	760	670	715	730	620	650	660	20-25	20-34	20-36	
600	1067	1230	1425	900	780	840	/	725	770	/	20-30	20-41	/	
700	1150	1450	1735	960	895	910	/	840	840	/	24-30	24-41	/	
800	1400	1560	1875	1100	1015	1025	/	950	950	/	24-34	24-41	/	
900	1600	1800	1735	1250	1115	1125	/	1050	1050	/	28-34	28-41	/	
1000	1700	2000	1875	1450	1230	1255	/	1160	1170	/	28-41	28-42	/	
1200	1800				1455			1380			32-41			
1400	2100				1675			1590			38-48			

- | | |
|--|--|
| 1、设计与制造标准: GB/T10674-2006 | 1、design and manufacture standard: GB/T10674-2006 |
| 2、法兰连接标准: JB/T 78-1994、JB/T 79-1994、GB/T 9113、GB/T 17241.6 | 2、connecting flange standard: JB/T 78-1994、JB/T 79-1994、GB/T 9113、GB/T 17241.6 |
| 3、结构长度标准: GB/T 12221-2005、JB/T 10674-2006、厂标 | 3、end to end standard: GB/T 12221-2005、JB/T 10674-2006、manufacturer standard |
| 4、检验与试验标准: JB/T 9092-1999、JB/T 10674-2006、GB/T 12245-1989 | 4、test and inspection standard: JB/T 9092-1999、JB/T 10674-2006、GB/T 12245-1989 |



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示例1: 公称通径200mm 遥控浮球阀 100X 压力等级 PN10
示例2: 公称通径400mm 泄压/持压阀 500X 压力等级 PN16

Example 1: Nominal Diameter 200mm	Remote-control Float Valve	100X Pressure Grade PN10	100X-0200-P10
Example 1: Nominal Diameter 400mm	Pressure Release/Pressure Holding Valve	500X Pressure Grade PN10	100X-0200-P10



水力控制阀系列 Hydraulic Control Valves Series

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FR100X 遥控浮球阀 FR 100X Remote-control Float Valve



- 控制水塔或水池液面，保养简单，灵活耐用，液位控制准确度高，水位不受水压干扰且关闭不漏水。
- 控制浮球阀可与主阀体分离安装
- 压力等级：PN10、PN16、PN25
- 隔膜式：DN50~DN350
- 活塞式：DN400~DN800
- To control liquid level in water tower and reservoir. Easy maintenance, Flexibility&durability. Accurate control of liquid level. Water level will not be affected by hydraulic pressure. Leak-tightness upon closing.
- Control float valve may be separately mounted from main valve body.
- Pressure Grade:PN10、PN16、PN25
- Diaphragm Type:DN50~DN350
- Piston Type:DN400~DN800

FR200X 减压阀 FR 200X Pressure Reducing Valve



- 控制主阀的固定出口压力，不因主阀上游进口压力变化而改变，亦不因主阀下游出口用水量变化而改变其出口压力。
- 可用于生活给水消防及工业给水系统。
- 压力等级：PN10、PN16、PN25
- 隔膜式：DN50~DN350
- 活塞式：DN400~DN800
- To control the fixed outlet pressure of main valve not subject to the change of inlet pressure at the upper stream of main valve, and the change of outlet water consumption at the lower stream of main valve.
- Applicable for water supply for daily, fire control and industrial needs.
- Pressure Grade:PN10、PN16、PN25
- Diaphragm Type:DN50~DN350
- Piston Type:DN400~DN800

FR300X 缓闭止回阀 FR 300X Slow Shut Check Valve



- 具有开启和关闭速度调控的逆止阀，于启动或停止抽水机运转时，可配合现场调节至最佳开启和关闭速度。
- 可用于高层建筑，减少水锤及水击现象的产生，以达到静音关闭的效果。
- 压力等级：PN10、PN16、PN25
- 隔膜式：DN50~DN350
- 活塞式：DN400~DN800
- Provided with a non-return valve to control opening and closing speed. It can be adjusted to optimal opening and closing speed to cater for working conditions when pump starts or stops running.
- Applicable for high-rises to reduce water hammer and slamming, thus to effect quiet close.
- Pressure Grade:PN10、PN16、PN25
- Diaphragm Type:DN50~DN350
- Piston Type:DN400~DN800

FR400X 流量控制阀 FR400X Flow Control Valve



- 主要安装在配水管路需要控制流量的管路中，保持预定的流量不变，将过大流量限制在一个预定值。
- 将上游的高压降为低压，即使上游的压力变化，也不影响主阀下游的流量。
- 压力等级：PN10、PN16、PN25
- 隔膜式：DN50~DN350
- 活塞式：DN400~DN800
- Mainly mounted in pipeline where water distribution requires flow control, functioned to maintain invariable preset flow and to restrict excessive flow within a preset value.
- It turns the high pressure of upper stream into low, so that the flow at the lower stream of main valve will not be affected even if the pressure at upper stream change.
- Pressure Grade:PN10、PN16、PN25
- Diaphragm Type:DN50~DN350
- Piston Type:DN400~DN800

水力控制阀系列 Hydraulic Control Valves Series

全国免费热线：4001-899-439

FR500X 泄压/持压阀/紧急开启阀 FR500X Pressure Release/Pressure Holding Valve/Emergency Open Valve



- 泄压阀：可将水管中超过先导阀安全设定值的压力释放，并维持管中压力于一定安全值以下，以防止管中高压或突压损坏管线设备。
- 可用于高层大楼消防试循环系统的泄压使用以防止水压过高造成系统危险。
- 持压阀：可维持主阀上游供水压力于某一设定值以上，以保障主阀上游的供水压力。
- 紧急开启阀：装于消防喷淋泵出水口处，当泵出水口处压力上升某一设定值以上立即开启。
- 压力等级：PN10、PN16、PN25
- 隔膜式：DN50~DN350
- 活塞式：DN400~DN800

- Pressure Release Valve: functioned to release the pressure in pipeline which is in excess of the preset safe value of pilot valve, and to maintain the pressure in pipe line below a certain safe value, thus to prevent pipeline equipments from damage due to high or sudden pressure.
- This valve is used to release the pressure of fire control test circulating system in high-rises to prevent the system from danger due to excessive hydraulic pressure.
- Pressure Holding Valve: functioned to maintain the water supply pressure at the upper stream of main valve over a certain preset value.
- Emergency Open Valve: mounted at the water outlet of fire spraying pump, it will immediately open when the pressure at pump outlet rises over a certain preset value.
- Pressure Grade:PN10、PN16、PN25
- Diaphragm Type:DN50~DN350
- Piston Type:DN400~DN800

FR600X 电动控制阀 FR600X Electric Control Valve



- 装置于管路中，可作为遥控开启或关闭的作用，同时可加装速度调控装置。
- 可取代用来启闭闸阀或蝶阀用的大型电动操作机，维修简便。
- 压力等级：PN10、PN16、PN25
- 隔膜式：DN50~DN350
- 活塞式：DN400~DN800

- Mounted in pipeline and functioned to effect remote-control open or close in pipeline. Plus, it allows a speed control device fitted on it.
- Functioned to replace the large electric operating mechanism used to open or close gate valve or butterfly valve, and featured by easy maintenance.
- Pressure Grade:PN10、PN16、PN25
- Diaphragm Type:DN50~DN350
- Piston Type:DN400~DN800

FR700X 水泵控制阀 FR700X Pump Control Valve



- 具有缓闭止回阀300X的功能。
- 于水泵电机停止运行前，可先行关闭主阀约90%，再停止水泵电机的运转，其余10%再行关闭，这样可完全防止水锤和水击的发生。
- 压力等级：PN10、PN16、PN25
- 隔膜式：DN50~DN350
- 活塞式：DN400~DN800

- Provided with the functions of 300X slow shut check valve.
- First close main valve by 90% before stopping pump motor, and then close the rest 10%, thus to successfully avoid water hammer and slamming.
- Pressure Grade:PN10、PN16、PN25
- Diaphragm Type:DN50~DN350
- Piston Type:DN400~DN800

FR800X 恒定压差阀 FR800X Constant Differential Pressure Valve



- 装置于管路中，维持一个阀门或泵的两端设定的压差，而不管上游压力如何变化。
- 如果配备止回阀，在出现反向流动时会自动关闭。
- 压力等级：PN10、PN16、PN25
- 隔膜式：DN50~DN350
- 活塞式：DN400~DN800
- The device is to maintain the differential pressure set at both ends of valve or pump in the pipeline, no matter how upstream pressure changes.
- If allocate a non-return valve, it will close automatically while flowing backward.
- Pressure Grade:PN10、PN16、PN25
- Diaphragm Type:DN50~DN350
- Piston Type:DN400~DN800



水力控制阀系列 Hydraulic Control Valves Series

全国免费热线：4001-899-439

FR800XA限流止回阀 FR800XA Current limiting check valve



- 用于维持水泵前后的恒定压差，控制水泵扬程，起到限制水泵工作流量，防止水泵过载，防止停泵回流的作用，多用于多泵联送水的管路系统中。
- 压力等级：PN10、PN16
- 隔膜式：DN50~DN350
- This valve is used to maintain the constant differential pressure at both ends of water pump and control pump lift. It functions to limit pump's working flow, prevent overload, also backflow when pump stops. It's usually used in pipeline system of multi-pumps conveying water.
- Pressure grade: PN10 PN16
- Diaphragm type: DN50-DN450

FR900X紧急关闭阀（高压自闭） FR900X Emergency Shut Valve (High Pressure Self Shut)



- 用于住宅小区中消防与生活用水合并的供水系统，当消防系统启动时，压力升高时，自动切断生活用水，保证消防供水的压力。
- 压力等级：PN10、PN16、PN25
- 隔膜式：DN50~DN350
- 活塞式：DN400~DN800
- Used in fire-fighting and daily combined water supply system in residential areas. When fire-fighting system starts and pressure rises, the supply of daily water will be cut off automatically, thus to ensure the pressure of water supply for fire control.
- Pressure Grade: PN10, PN16, PN25
- Diaphragm Type: DN50-DN350
- Piston Type: DN400-DN800

FR106X电磁遥控浮球阀 FR106X Electromagnetic Remote control Float Valve



- 控制水塔或水池的液面，保养简单，灵活耐用，液位控制准确度高，水位不受水压干扰且关闭紧密不漏水。
- 控制浮球可与主阀体分离式安装。
- 附加电磁控制可形成第二道保险，以防溢流。
- 压力等级：PN10、PN16、PN25
- 隔膜式：DN50~DN350
- 活塞式：DN400~DN800
- To control liquid level in water tower and reservoir, Easy maintenance, flexibility, durability. Accurate control of liquid level, water level will not be affected by hydraulic pressure, leak-tightness upon closing.
- Float control valve may be separately mounted from main valve body.
- The accessory electromagnetic control functions as a second safeguard to avoid overflow.
- Pressure grade: PN10, PN16, PN25
- Diaphragm Type: DN50-DN350
- Piston Type: DN400-DN800

FR100D直通型、角型定水位阀 FR100D Angle, Diaphragm Fixed Water Level Valve



- 与遥控浮球阀100X的功能相同。
- 当水位达到满水位后，小型水箱内的水位经用户使用逐渐下降约20~30cm时，定水位阀才再行打开补充小型水箱的进水，避免一般小型水箱产生的涡流，和水位因下降25cm即经常开启阀门造成阀门频繁运动的易发故障。
- 压力等级：PN10、PN16、PN25
- 公称口径：DN15~DN50
- Same as 100X remote-control float valve in function.
- When water level rises to full, the water level in mini type water tank will slowly declines by around 20-30cm after user's consumption of water. Here fixed water level valve will start to compensate the water supply for mini type water tank, thus to avoid whirlpool produced by mini type water tank, and the incidental error of frequent running of valve due to frequent opens of valve when water level declines by 25cm.
- Pressure Grade: PN10, PN16, PN25
- Nominal diameter: DN15-DN50
- Piston Type: DN400-DN800
- Diaphragm Type: DN50-DN350

水力控制阀系列 Hydraulic Control Valves Series

全国免费热线：4001-899-439



H142、100A、H712X-4T-A 4-A 液压水位控制阀 H142、100A、H712X-4T-A Hydraulic Level Control Valve 10-A

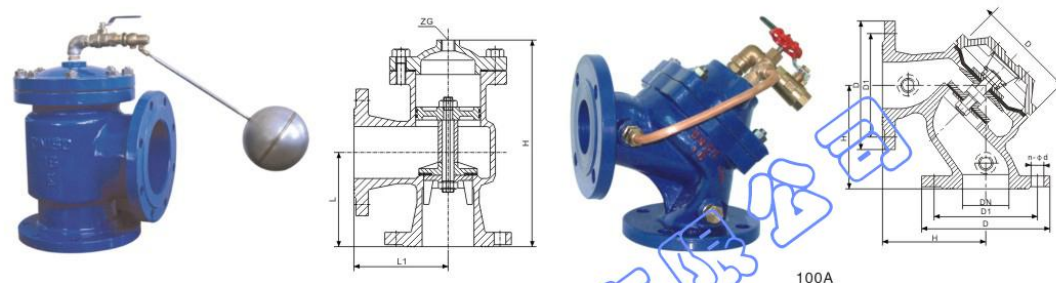
产品介绍

本阀适用于工矿企业、城市小区建筑中各种水箱、水池和水塔的自动供水系统；并可用作常压锅炉循环供水控制阀。它的工作原理是当水池或内水位下降，浮球阀开启排水时，进水管内的压力水将阀板托起，阀门及开启供水；当水位上升到控制阀时，浮球阀关闭，活塞下移将阀板关闭，阀门停止供水。

Product Description

This valve is applicable for the automatic water supply system for various water tanks, reservoirs and water towers in factories, mines and urban constructions. Besides, it can be used as control valve for circulating water supply of normal pressure boilers. Its working principle is that, when reservoir or internal water level declines, float valve starts and discharges water, the pressed water inside inlet pipe will push valve plate upward, and valve will open to supply water; when water level rises to control valve, float valve will close and piston moves downwards to shut off valve plate, here valve stops supplying water.

结构示意图(Structural Diagram)



设计与应用标准(Design and Application Standard)

- 1、设计与制造标准：GB/T10674-2006
- 2、法兰连接标准：JB/T 78-1994、JB/T 79-1994、GB/T 9113、GB/T 17241.5
- 3、结构长度标准：GB/T 10674-2006、厂标
- 4、检验与试验标准：JB/T 9092-1999
- 1、design and manufacture standard: GB/T10674-2006
- 2、connecting flange standard: JB/T 78-1994, JB/T 79-1994, GB/T 9113, GB/T 17241.5
- 3、end to end standard: GB/T 10674-2006, manufacturer standards
- 4、test and inspection standard: JB/T 9092-1999

主要技术性能(Performance Parameters)

型号 Type	公称压力 Nominal Pressure PN(Mpa)	试验压力Ps(MPa) Test Pressure Ps		工作温度 Working Temperature	适用介质 Applicable Medium
		壳体 Shell	密封 Seal		
H142X 100 A	0.4	0.6	0.44	≤80℃	水 Water
	1.0	1.5	1.1		
	1.6	2.4	1.76		

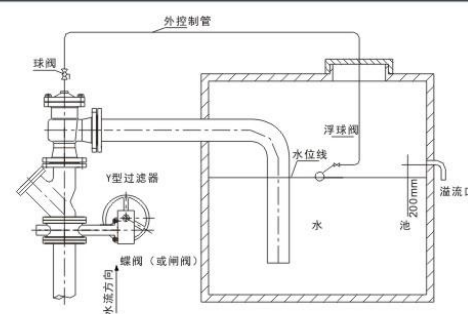
主要外型尺寸(Main External Dimensions)

型号 Type	公称口径 Nominal Diameter DN(mm)	H	L1	ZG(in)	100A H
H142X-4T-A	80	255	125	1/2	
	100	294	145	1/2	
	150	370	170	1/2	
H142X-4-A	200	455	215	1/2	
	250	525	245	3/4	
H142X-10-A	50	210	102	1/2	125
	65	240	110	1/2	145
	80	280	125	1/2	155
	100	310	145	1/2	175
	125	380	155	1/2	200
	150	415	170	1/2	225
	200	482	215	1/2	275
	250	555	245	3/4	325
	300	620	270	3/4	375
	350	715	310	3/4	425
	400	845	370	1	475
	500	950	440	1	
	600	1120	510	1	
	700	1240	560	1 1/4	
	800	1380	610	1 1/4	

主要零件材质(Main Parts and Materials)

零件名称Name	材质 Material
阀体、阀盖 Valve body, Bonnet	锡青铜、不锈钢、铸铁、铸钢 Tin bronze, stainless steel, Casting iron, Casting steel
	锡青铜、不锈钢、铸铁、铸钢 Tin bronze, stainless steel, Casting iron, Casting steel
内件 Trim	锡青铜、不锈钢、铸铁、铸钢 Tin bronze, stainless steel, Casting iron, Casting steel

安装示意图(Installation Diagram)



液压水位控制阀安装示意图



排泥阀系列 Mud Dis Charge Valves Series

全国免费热线：4001-899-439

100S角型隔膜排泥阀、JM742X 池底卸泥阀 100S Angle Diaphragm Sludge Valve、JM742X Sludge valve

概述

JM742X 池底卸泥阀安装在各类沉淀水池的底部，通过换向阀的控制排除池底的泥沙及污物。

100S角型隔膜排泥阀一般用于水处理厂，作为排放水池内污泥及废水使用。

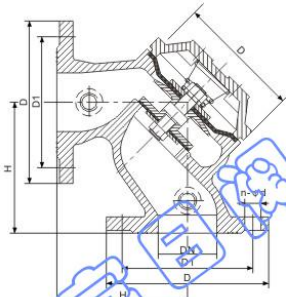
主要技术性能(Performance Parameters)

型 号 Type	公称压力 Nominal Pressure PN (Mpa)	试验压力Ps (MPa) Test Pressure Ps		工作温度(°C) Working Temperature	适用介质 Applicable Medium
		壳体 Shell	密封 Seal		
100A	1.0	1.5	1.1	≤80	水、污水、海水等 Water, sewage, sea water, etc.
100S	1.6	2.4	1.76		

结构示意图(Structural Diagram)



100S角形隔膜排泥阀
100S Angle Diaphragm Sludge Valve



JM742X 池底卸泥阀
JM742X Sludge valve

设计与应用标准 Design and Application Standard

- 1、设计与制造标准：GB/T 10674-2006
- 2、法兰连接标准：JB/T 78-1994、JB/T 79-1994、GB/T 9113、GB/T 17241.6
- 3、结构长度标准：GB/T 10674-2006、厂标
- 4、检验与试验标准：JB/T 9092-1999
- 1、design and manufacture standard: GB/T10674-2006
- 2、connecting flange standard: JB/T 78-1994、JB/T 79-1994、GB/T 9113、GB/T 17241.6
- 3、end to end standard: GB/T 10674-2006、manufacturer standards
- 4、test and inspection standard: JB/T 9092-1999

100A、100S主要外形尺寸及连接尺寸(Main External Dimensions and Connecting Dimensions for 100A and 100S)

公称口径 DN(mm) Nominal Diameter	100S 中心距离高度 Center-to-Center Height H	JM742X H	法兰连接尺寸1.0MPa The flange connection size			法兰连接尺寸1.6MPa The flange connection size		
			D	D1	n-φd	D	D1	n-d
65	145		180	145	4-18	180	145	4-18
80	155		195	160	4-18	195	160	8-18
100	175		215	180	8-18	215	180	8-18
125	200	260	245	210	8-18	245	210	8-18
150	225	275	280	240	8-23	280	240	8-23
200	275	250	335	295	8-23	335	295	8-23
250	325	525	390	350	12-23	405	355	12-25
300	375	585	440	400	12-23	460	410	12-25
350	425	600	500	460	16-23	520	470	16-25
400	475	680	565	515	16-25	580	525	16-30

排泥阀系列 Mud Dis Charge Valves Series

全国免费热线：4001-899-439

JM744X、JM644膜片式快开排泥阀 JM744X and JM644X Diaphragm Quick Open Sludge Valve

概述

该阀的主要特点是采用双室隔膜传动机构替代活塞式，无运动磨损，寿命长。主要用途是安装在各类沉淀水池的底部壁外，用以排除池底的泥沙及污物。

主要技术性能(Performance Parameters)

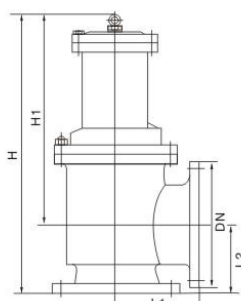
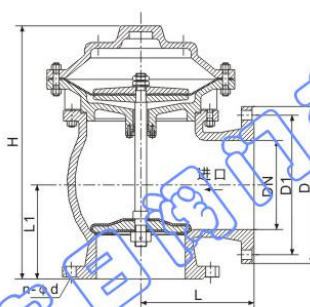
公称压力 PN(Mpa) Nominal Pressure	强度试验 Strength Test	密封试验 Seal Test	最低动作压力 The minimum movement pressure	适用温度 (°C) Applicable Temperature	适用介质 Applicable Medium
1.0	1.5倍公称压力 1.5 Times of Nominal Pressure	1.1倍公称压力 1.1 Times of Nominal Pressure	≥0.10MPa	≤80°C	源水、清水 污水、油品 Water, Sewage and Oil
1.6					

Overview

Featured by use of double-chamber diaphragm drive mechanism instead of piston type for no moving abrasion and long service life, this valve is mainly mounted outside the bottom wall of deposited reservoir to remove the sludge and dirt at the bottom of reservoir.

设计与应用标准(Design and Application Standard)

- 1、设计与制造标准：GB/T10674-2006
- 2、法兰连接标准：JB/T 78-1994、JB/T 79-1994、GB/T 9113、GB/T 17241.6
- 3、结构长度标准：GB/T 10674-2006、厂标
- 4、检验与试验标准：JB/T 9092-1999
- 1、design and manufacture standard: GB/T10674-2006
- 2、connecting flange standard: JB/T 78-1994、JB/T 79-1994、GB/T 9113、GB/T 17241.6
- 3、end to end standard: GB/T 10674-2006、manufacturer standard
- 4、test and inspection standard: JB/T 9092-1999



主要特点

- 1、采用双室隔膜传动机构代替活塞式，具有：无运动磨损；不会因杂质而产生漏水；对泥沙淤积不敏感，不需要润滑，无机械磨损产生。
- 2、密封性能好，采用衬胶阀瓣，阀座采用斜度开口，不易沉积泥沙杂质。
- 3、驱动介质压力低，无需另设加压泵或空压机，采用液控换向阀、手动四通换向阀或电动四通换向阀集中控制，控制操作方便。
- 4、经久耐用，使用寿命长。

Main characteristic

1. Use of double-chamber diaphragm drive mechanism instead of piston type, which is featured by no moving abrasion, no water leakage resulted from sundries, not sensitive to sludge deposition, no need of lubrication and no production of mechanical abrasion.
2. Outstanding performance, rubber lined disc, inclined placket of valve seat, and no deposition of sludge and sundries.
3. Low drive medium pressure, no need of a pressurizing pump or air compressor, use of liquid control selector valve, hand-operated 4-way selector valve or electric 4-way selector valve under integrated control, and easy control and operation.
4. Lasting durability and long service life.

主要外形尺寸及连接尺寸(Main External Dimensions and Connecting Dimensions)

公称口径 DN(mm) Nominal Diameter	外形尺寸 External Dimensions			法兰连接尺寸 Connecting Dimensions					
	0.6MPa			1.0MPa			1.6MPa		
	H	L	L1	D	D1	n-φd	D	D1	n-φd
80	340	145	110	195	160	4-18	195	160	8-18
100	370	160	120	215	180	8-18	215	180	8-18
150	440	190	150	285	240	8-23	285	240	8-23
200	530	215	190	335	295	8-23	335	295	12-23
250	615	245	220	390	350	12-23	405	355	12-25
300	785	275	260	440	400	12-23	460	410	12-25
350	880	315	300	500	460	16-23	520	470	16-25
400	970	370	360	565	515	16-25	580	525	16-30
500	1070	470	460	670	620	20-25	705	650	20-34
600	1260	580	560	780	725	20-30	840	770	20-41



排气阀系列 Air Release Valve Series

全国免费热线：4001-899-439

CARX复合式排气阀 The body of CARX air release valve

概述

CARX型复合式排气阀阀体为圆桶状，阀门内件包括不锈钢球、阀杆及阀瓣。复合式排气阀安装在泵出口处或送配水管线中，用来排除集积在管中的空气，以提高管线及水泵的使用效率，当管内一旦产生负压时，此阀迅速吸入外界空气，以防止管线因负压而损坏。

工作原理

当管内开始注水时，阀瓣处在开启位置，进行大量排气，当空气排完时，阀内充满水，浮球上升并带动阀瓣关闭，停止排气，当管内水正常输送时，如有少量空气聚集在阀内到相当程度，阀内水位下降，浮球随之下降，此时空气由小孔排出。当水泵停止时，管内水流空或遇管内产生负压，此时塞头迅速开启，吸入空气，确保管线安全。注：不能在污水管道上使用。

主要零部件材料 Main Parts Material

序号 NO.	名称 Name	材质 Material
1	阀体 Body	灰铸铁、球墨铸铁 Cast iron or ductile iron
2	浮球 Float ball	不锈钢 SS
3	杠杆 Ste	不锈钢 SS
4	杠杆架 Stem yoke	不锈钢 SS
5	活塞 Plug	不锈钢 SS
6	阀盖 Cover	灰铸铁、球墨铸铁 Cast iron or ductile iron
7	排气罩 Release hood	灰铸铁、球墨铸铁 Cast iron or ductile iron
8	垫圈环 Gasket ring	丁腈橡胶 Buna-N
9	导套 Pilot	不锈钢 SS
10	顶塞 Top plug	丁腈橡胶+不锈钢 NBR+SS

主要连接尺寸 Main Connection Dimension

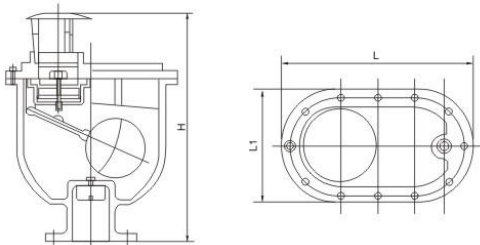
DN	L	L1	H
25	280	176	330
32	280	176	330
50	360	208	475
80	400	244	552
100	465	275	623
150	537	332	686

Overview

The body of CARX air release valve is circular barrel type, valve internal parts including the stainless steel ball, stem and disc. This valve is installed in the pump outlet or water distribution pipeline, to rule out the air set in the tube, in order to raise the use efficiency of pipeline and water pump. When the tube produce negative pressure, the valve quickly breathe the air outside, in order to prevent the pipeline damage due to negative pressure.

Working principle of the

When the tube start injection valve is in open position with large number of exhaust gas, when the air line up, the full of water in the valve, floating ball rises and drives the valve disc closed that is to stop the exhaust. When water tube is transport normally such as there is a small amount of air gathered within the valve to a degree, then water levels fall in the valve and floating ball drops, air is being exhausted from holes at this time. When the pump stops, the tube would be empty or produce negative pressure, the plug will opened quickly and sucked in air to ensure pipeline safety. Note: cannot be used in sewage pipe.



排气阀系列 Air Release Valve Series

全国免费热线：4001-899-439

SCAR污水复合式排气阀 SCAR sewage composite air release valve

概述

SCAR排气阀与CARX排气阀原理一样，只是结构略作改动，杠杆机构稍有改进（如图），这样把浮球控制在下部，使污物只能在阀体下部污物不会缠绕上部排气口上，不会影响密封性能。此产品是专用污水管道工程的排气阀。

技术参数

- 工作压力：1.0Mpa。
- 介质：清水
- 使用温度：常温。

主要零部件材料 Main Parts Material

序号 NO.	名称 Name	材质 Material
1	阀体 Body	灰铸铁、球墨铸铁 Cast iron or ductile iron
2	浮球 Float ball	不锈钢 SS
3	杠杆 Ste	不锈钢 SS
4	杠杆架 Stem yoke	不锈钢 SS
5	活塞 Plug	不锈钢 SS
6	阀盖 Cover	灰铸铁、球墨铸铁 Cast iron or ductile iron
7	排气罩 Release hood	灰铸铁、球墨铸铁 Cast iron or ductile iron
8	垫圈环 Gasket ring	丁腈橡胶 NBR
9	导套 Pilot	不锈钢 SS
10	顶塞 Top plug	丁腈橡胶+不锈钢 NBR+SS

主要连接尺寸 Main Connection Dimension

DN	D	D1	D2	D3	n-Φd	H
50	165	125	99	205	4-19	495
80	200	160	132	270	8-19	600
100	220	180	156	285	8-19	760
150	285	240	211	340	8-23	860
200	340	295	266	400	12-23	1010
250	405	355	319	465	12-28	1210

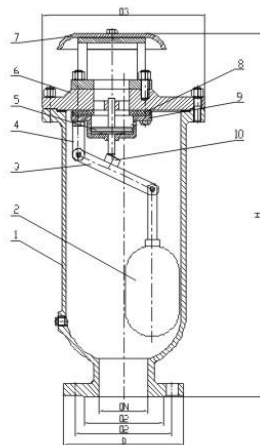


Overview

The principle of SCAR valve is the same as CARX valve, just a little different in structure and improve in leveraged institutions (as chart), so that the floating ball control in the lower part, make the dirt only dirt won't wrapped around the upper outlet at the bottom of the valve body, does not affect the sealing performance. This product is just used in sewage pipe.

Working principle of the

- Working pressure: 1.0Mpa.
- Medium: Clean water.
- Working temperature: Normal.





排气阀系列 Air Release Valve Series

全国免费热线：4001-899-439

SCKV缓冲塞阀 SCKV Non-slam plug valve

概述

SCKV系列缓冲塞阀与排气阀配套使用，缓冲塞阀安装在排气阀进口处，用在管线送水时产生的突压及大量冲击上，防止排气时的大量喷水及有效减缓对于排气阀内部的冲击，以延长排气阀的寿命，具有缓冲功能而不影响排气和吸气等特点。特别适用于对水泵启动频繁的情况，与排气阀一起配套使用。

工作原理

- 1.工作压力：1.0Mpa。
- 2.介质：清水。
- 3.使用温度：≤80℃。
- 4.阀体材质：灰铸铁、球墨铸铁。
- 5.阀杆：304不锈钢。
- 6.浮桶：304不锈钢。
- 7.浮桶支架：球墨铸铁

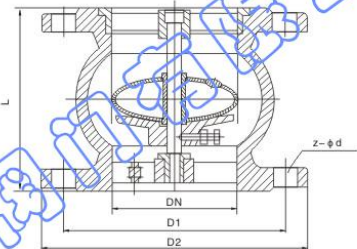


Overview

SCKV non-slam plug valve is used with air release valve and installed on the inlet of air release valve, used in the pipeline pressure when it cased of the pressure and impact, to prevent the exhaust of water spray and effective slow for impact in order to prolong the lifespan of air release valve. It is with a buffer function without affecting the characteristics of exhaust and suction. Particularly suitable for the water pump which opened frequently, used with air release valve.

Working principle of the

- 1.Working pressre: 1.0Mpa.
- 2.Medium: clean water.
- 3.working temperature: ≤80℃.
- 4.body material: cast iron or ductile iron.
- 5.Stem: 304SS.
- 6.Float barrel: 304SS.
- 7.Float barrel yoke: ductile iron.



主要外形尺寸 Main external dimension

公称通径 DN(mm)	PN (Mpa)	D1	D2	L	Z-Φd
50	1.0	125	165	120	4-19
	1.6	125	165		4-19
80	1.0	160	200	140	8-19
	1.6	160	200		8-19
100	1.0	180	220	160	8-19
	1.6	180	220		8-19
150	1.0	240	285	203	8-23
	1.6	240	285		8-23
200	1.0	295	340	230	8-23
	1.6	295	340		12-23
250	1.0	350	395	250	12-23
	1.6	355	405		12-28
300	1.0	400	445	325	12-23
	1.6	410	460		12-28
350	1.0	460	505	350	16-23
	1.6	470	520		16-28
400	1.0	515	565	405	16-28
	1.6	525	580		16-31



排气阀系列 Air Release Valve Series

全国免费热线：4001-899-439

QB1单口排气阀、QB2双口排气阀 QB4 Sngle port air release valve、QB2 Double ports air release valve

概述

QB1单口排气阀为圆桶式阀体，其内部结构主要有不锈钢浮球。本阀分为丝扣式和法兰式两种。

QB1型适用于工作温度≤80℃的管路上，作为排除管路内气体的设备。
QB2 排气阀主要由阀体、阀瓣、阀盖、阀杆、浮球等组成。本阀适用于介质为水的管道上，作为排除管道内气体的设备，以提高输水设备的效率和保护管道不致变形、破裂，是管道必备之设备。

工作原理

QB1管道内开始注水时，浮球会慢慢向上浮起，此时本阀已进行排气。当达到一定压力的时候，浮球紧顶住密封圈，说明空气已全部从排气嘴排出。

QB2当需要排出管道内的气体时，应逆时针方向旋转阀杆，使其阀杆连同阀门上升，使管道内的空气在水的压强作用下进入体内，并从排气嘴排出，随之管道内的水充满腔内，使浮球在水的浮力作用下，向上移动将排气嘴堵塞，达到自行密封，管道在正常行中，水中的空气在压强的作用下，不断排入排气阀的腔上部，迫使浮球下降，离开原来密封位置，这时空气又从排气嘴排出，随之，浮球又恢复到原来位置自密封，因此，排气阀在正常工作中阀门始终是开着的，浮球不断重复上述动作，空气不断排出，当需要检修或清扫腔时，应将阀门关闭。本排气阀，顺时针旋转阀杆时为关闭。

主要零部件材料 Main Parts Material

序号NO.	名称Name	材质Material
1	排气屏Release screen	不锈钢 SS
2	密封圈 Seal ring	丁晴橡胶 NBR
3	阀盖 Cover	灰铸铁、球墨铸铁 Cast iron or ductile iron
4	螺栓 Bolts	碳钢 Carbon steel
5	密封垫 Seal gasket	丁晴橡胶 NBR
6	阀体 Body	灰铸铁、球墨铸铁 Cast iron or ductile iron
7	浮球 Float ball	不锈钢 SS
8	阀体 Body	灰铸铁、球墨铸铁 Cast iron, ductile iron
9	阀瓣 Disc	碳钢 Carbon steel
10	浮球 Float ball	不锈钢 SS
11	阀杆 Stem	不锈钢 SS
12	阀盖 Cover	灰铸铁、球墨铸铁 Cast iron, ductile iron
13	垫片 Gasket	丁晴橡胶 NBR
14	密封垫 Seal gasket	丁晴橡胶 NBR
15	排气端盖 Release cover	碳钢 Carbon steel
16	护盖 Fender	碳钢 Carbon steel
17	填料 Packing	石墨 Graphite
18	填料压盖 Gland	碳钢 Carbon steel

主要连接尺寸(main Connection Dimension)

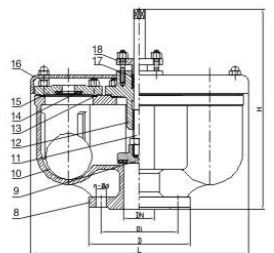
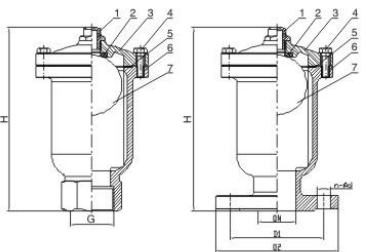
DN	D	D1	n-ΦD	L	H
15	95	65	4-14		245
20	105	75	4-14		245
25	115	85	4-14		245
32	140	100	4-19		245
40	150	110	4-19		245
50	165	125	4-19	355	325
80	200	160	8-19	420	410
100	220	180	8-19	450	440
150	285	240	8-23	550	450
200	340	295	12-23	630	620

Overview

QB1 single port air release valve is barrel body, its internal structure are mainly stainless steel float ball. This valve can be divided into threaded and flanged type. QB1 type is suitable for the working temperature of 80 °C or less on the pipeline, as to rule out gas in the pipeline equipment.

Working principle of the

When the pipe is injecting water of QB1, the floating ball float will upwards slowly and the valve is to vent at this time. The floating ball tightly against seal when reach a certain pressure, that is because the air has all discharged of the exhaust. When we need to discharge the gas of QB2, we should be take the valve stem counterclockwise to make the stem rising with the valve and then to make the air enter into the cavity under the action of water pressure into the cavity, and is discharged from exhaust nozzle. Then the water fills the cavity, the floating ball moving up and block the exhaust mouth under the action of buoyancy that is to achieve self sealing. Pipeline in the normal line, the air in the water under the action of the pressure, constantly into the exhaust valve body cavity of the upper, forced the ball float down, leave the original seal position, then the air and from the exhaust mouth discharged, subsequently, floating ball and restore to its original position for self seal. Therefore, the floating ball valve is always open in the normal work, the floating ball valve is always open constantly repeat the above action and air discharge. When need to maintenance or cleaning the body cavity, the valve should be closed. When this type valve with clockwise, the stem is closed.





止回阀系列 Check Valve Series

全国免费热线：4001-899-439

H47X/H 缓闭、缓冲蝶式止回阀 H47X/H Butterfly Type Slow Shut、Non-slam Check Valve

概述

本系列止回阀是一种双偏心蝶式止回阀，带缓冲（或缓闭）阻尼油缸装置，用延缓关闭的方式使局部倒流水向系统内泄流，从而大大降低了停泵时的水击冲击力，消除了破坏性水锤峰值。主要用于工业循环供排水，城市供排水，高层住楼和高宾馆加压输出水泵的出口处。在设计上充分考虑了使用环境的要求达到无震动，无噪音的效果，密封性能好，运行平稳，使用寿命长，确保宾馆、住宅环境安静，并具节能效果好。

工作原理

1. 阀门的开启是靠阀门进出口端的压差来实现的。当停泵时，阀门依靠回水压力和阀瓣自身的重力及重锤的作用迅速关闭大部分行程。然后，由阻尼油缸来实现阀门的缓慢关闭。从而达到缓闭、缓冲、消除水击冲力的效果。

2. 阻尼油缸上的调节阀是用来调节阀门关闭时间长短的。顺时针旋转，表示延长关闭时间；反之则缩短关闭时间。

设计与应用标准

设计与制造标准:GB/T12238-2008、CJ/T282-2008

连接法兰标准:GB/T 9113-2010、GB/T17241.6-2008、JB/T 79.1-94

结构长度标准:GB/T12221-2005

检验与试验标准:JB/T9092-1999



主要外形尺寸(The main size of appearance)

PN1.0MPa (GB/T9113-2010)			PN1.6 (JB/T 79.1-94)		
DN	L	A	DN	L	A
200	230	325	200	230	325
250	250	375	250	250	375
300	270	445	300	270	445
350	290	475	350	290	475
400	310	520	400	310	520
450	330	565	450	330	565
500	350	610	500	350	610
600	390	695	600	390	695
700	430	735	700	430	735
800	470	810	800	470	810
900	510	885	900	510	885
1000	550	960	1000	550	960
1200	630	1080			
1400	710	1270			
1600	790	/			
1800	870	/			

Overview

This series of check valves are double-accentric butterfly check valves provided with cushioning (or slow shut) damping oil cylinder. It uses the method of delayed close to make partial back flow water entering the system, thus to greatly lower the water slamming upon stopping the pump to eliminate the peak value of destructive water hammer. They are mounted at the outlet of pressurized output water pumps in industrial circulating water supply and drainage, urban water supply and drainage, high-rise residential buildings and luxury hotels. Great considerations have been taken on product design to meet service environment to produce little vibration, little noise, outstanding performance, smooth operation, long service life and economy of energy to ensure quietness in hotels and residential areas.

Working principle

1. opening of valve is effected by the pressure difference between inlet and outlet. When pump stops, disc depends on the pressure of return water and its deadweight, as well as the function of heavy punch, to close most of the stroke quickly. Then dumping oil cylinder will effect the valve's slow shut. Therefore, it reaches slow shut, damping and water hammer elimination.

2. regulating valve in damping oil cylinder is used to adjust the period of valve close. Clockwise is to prolong the shut time, while counter clockwise is to shorten the time.

Design and Application Standard

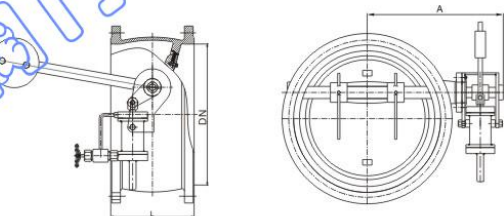
1. design and manufacture standard: GB/T12238-2008、CJ/T282-2008

2. connecting flange standard: GB/T 9113-2010、GB/T17241.6-2008、JB/T 79.1-94

3. end to end standard: JB/T 12221-2005

4. test and inspection standard: JB/T 9092-1999

结构示意图(Structural Diagram)



主要技术性能(Main technical feature)

公称压力(MPa) Nominal pressure	工作压力P(MPa) Working Pressure	强度实验压力(MPa) Test pressure of the intensity	密封实验压力(MPa) Sealed test pressure
1.0	≤1.0	1.5	1.1
1.6	≤1.6	2.4	1.76
2.5	≤2.5	3.8	2.8
适用温度(°C) Suitable temperature			
软密封Soft seal≤80℃, 硬密封hard seal≤250℃			
适用介质 Suitable medium			
水、源水等 Water, source water			

主要零件材质(Main Parts and Materials)

零件名称Name	零件材质Material	备 注
阀体Body	铸钢、铸铁casting iron, cast steel	密封面为： 多层次或橡胶 Sealing face: multilayer or rubber
阀瓣Disc	铸钢Cast steel	
阀杆Stem	不锈钢Stainless Steel	
阀体密封Seal	堆焊不锈钢SS overlay welding	
阻尼油缸 Damping cylinder	不锈钢Stainless Steel	

止回阀系列 Check Valve Series

全国免费热线：4001-899-439

H 10
DH44X-16
T 25

蝶型微阻缓闭消声止回阀

H 10
DH44X-16
T 25

Tiny Drag Slow shut butterfly check valve

概述

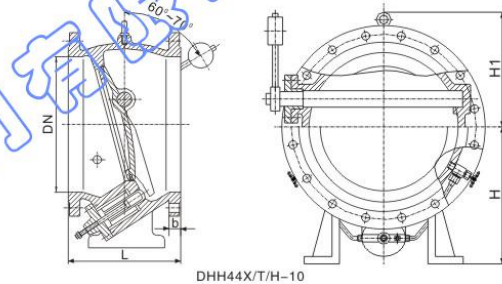
蝶型微阻缓闭消声止回阀是安装在工业循环供排水、城市供排水、高层建筑、排污及宾馆酒店的加压输水泵的出口管道上，用来防止介质倒流和消除破坏性水锤的一种新型蝶式止回阀。性能在同类产品基础上，经大幅度改造设计，在结构原理、技术性能上都有很大提高。另外它具有体积小、重量轻、安装方便、占地空间少、维修保养省时省工等优点，是给排水工程的首选产品。

主要技术性能(Main technical feature)

型 号 Type	公称压力 PN (MPa) Nominal pressure	试验压力Ps (MPa) Test pressure		工作温度 (°C) Working Temperature	适用介质 Suitable medium
		壳体 Shell	密封 Seal		
H 10 DH44X-16 T 25	1.0	1.5	1.1	≤80 (根据客户要求 可达到200℃)	水、污水、海水等 Water, sewage, sea water, etc.
	1.6	2.4	1.76	≤80 (can be up to 200 according to customer's enquiry)	
	2.5	3.8	2.8		



结构示意图(Structural Diagram)



主要外形尺寸(Main size of appearance)

DN (mm)	L	H	H1
250	250	320	210
300	270	355	250
350	290	370	270
400	310	420	310
450	330	445	330
500	350	470	365
600	390	525	420
700	430	620	490
800	470	690	555
900	510	800	580
1000	550	900	655
1200	630	1080	770
1400	710	1180	890
1600	790	1320	980
1800	870	1410	1100
2000	950	1550	1210
2200	1000	1680	1325

主要零件材质(Main part material)

零件名称 Name	阀体 Body	蝶板 Butterflys board	阀杆 Valve stem	密封圈 Seal ring	缸套 Jar set
材料 Material	灰铸铁 铸钢 Gray cast iron cast steel	铸钢 Cast steel	不锈钢 Stainless Steel	丁腈橡胶 NBR	不锈钢 Stainless steel

设计与应用标准(Design and Application Standard)

1、设计与制造标准：GB/T12238-2008、CJ/T282-2008

2、法兰连接标准：JB/T 78-1994、JB/T 79-1994、GB/T 9113-2010、GB/T 17241.6

3、结构长度标准：JB/T 12221-2005

4、检验与试验标准：JB/T 9092-1999

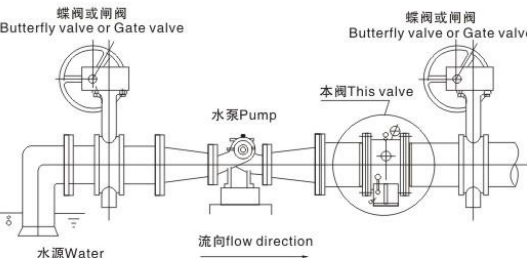
1、design and manufacture standard: GB/T12238-2008、CJ/T282-2008

2、connecting flange standard: JB/T 78-1994、JB/T 79-1994、GB/T 9113-2010、GB/T 17241.6

3、end to end standard: JB/T 12221-2005

4、test and inspection standard: JB/T 9092-1999

安装示意图(Install Diagram)





止回阀系列 Check Valve Series

全国免费热线：4001-899-439

HD743H液动、HD647H气动助关止回阀 HD743H Hydraulic,HD647H Pneumatic pressure aid shut check valve

概述

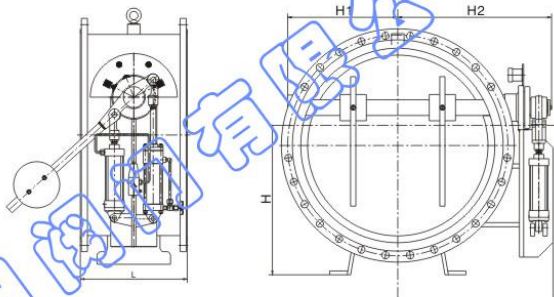
本止回阀是一种三偏心（大偏心）结构助关缓闭蝶型止回阀。主要由阀体、阀瓣、汽缸、电磁换向阀、阻尼油缸、重锤及支架组成。适用于工作温度 $\leq 250^{\circ}\text{C}$ ，瞬时温度不超过 300°C ，工作压力不超过1.0MPa的空气、可燃性气体、水等介质的管道。阀门的开启主要由介质在阀前与阀后的压差实现，而阀门的关闭则依靠阀板的自重及重锤的作用来自动关闭一段距离，由气压来完成最终的关闭。阻尼油缸起到缓冲、阻尼作用。由于采用三偏心蝶型结构，阀板在启闭过程中缩短了相对摩擦时间，从而延长阀门的使用寿命和密封性能，而阻尼油缸可以减少关闭过程中的冲击，消除压力波引起的振动，同时延长了阀门的使用寿命。



Overview

This series of check valves are aided slow shut butterfly check valves with triple eccentric (large eccentric) structure. Provided with auxiliary pneumatic (hydraulic) device and slow shut damping oil cylinder, they are applicable for pipeline carrying the mediums of air, inflammable gas and etc. Of working temperature $\leq 250^{\circ}\text{C}$, instantaneous temperature not exceeding 300°C , and working pressure not greater than 1.0Mpa. This valve is mainly composed of body, liquid cylinder (gas cylinder), electromagnetic selector valve, damping oil cylinder, balancing hammer and stand. It is started by the pressure difference of mediums between the front and back. In case of medium back flow and pipeline giving counter flow signal, electromagnetic valve will change its direction to start aided close device, and disc will immediately close by 90% of stroke. And then, valve will close, automatically under the force of backwater pressure, disc deadweight and balancing hammer. Damping oil cylinder performs a function of cushioning. Thanks to the use of triple eccentric butterfly structure, disc shortens the relative time of abrasion during the process of opening and closing, thus to lengthen valve's service life and lessen the impact in the process of closing, mean while eliminate vibration resulted from pressure wave and lengthen valve's service life.

结构示意图(Structural Diagram)



设计与应用标准

- 设计与制造标准:GB/T12238-2008、CJ/T282-2008
- 连接法兰标准:GB/T9113-2010、GB/T17241.6-2008
- 结构长度标准:GB/T12221-2005
- 阀门的检验与试验标准:JB/T9092-1999

Design and Application Standard

- design and manufacture standard: GB/T12238-2008、CJ/T282-2008
- connecting flange standard: GB/T9113-2010、GB/T17241.6-2008
- end to end standard: JB/T 12221-2005
- test and inspection standard: JB/T 9092-1999

主要连接尺寸 (Main Size of connecting)

DN	L	H	H1	H2
400	310	650	325	630
450	330	650	350	660
500	350	650	385	670
600	390	650	440	740
700	430	800	495	825
800	470	1000	565	930
900	510	1000	610	980
1000	550	1000	660	1040
1100	590	1000	720	1080
1200	630	1120	760	1110
1400	710	1220	820	1200
1600	790	1420	905	1350

- 注1. 本阀使用场所需配带气动压力源，电磁采用二位三通换向阀。
2. 本阀 $\leq \text{DN}1000$ 口径的采用单气缸， $\geq \text{DN}1200$ 口径的采用双气缸。
3. 法兰尺寸根据客户要求选用不同的标准。
- Note: 1.the place where uses this valve should match pneumatic pressure source. Electromagnetism adopts two-position three-way solenoid valve.
2.when $\text{DN} \leq 1000\text{mm}$, adopt single cylinder. When $\text{DN} \geq 1200\text{mm}$, adopt dual cylinders.
3.flange size can conform to various standard offered by customer.

技术参数(Main performance parameter)

公称压力(MPa) Nominal pressure	工作压力P(MPa) Working Pressure	强度试验压力 Test pressure of the intensity	密封试验压力(MPa) Seal test pressure
0.6	≤ 0.6	0.9	0.7
1.0	≤ 1.0	1.5	1.1
适用温度($^{\circ}\text{C}$) Suitable temperature	$\leq 250^{\circ}\text{C}$, 瞬时温度不超过 300°C when $\leq 250^{\circ}\text{C}$, the instantaneous temp. should not over 300°C		
适用介质 Suitable medium	热空气、可燃性气体、水等 Hot air, flammable gas, water, etc.		
阀门最短关闭时间 the shortest closing time	$< 2\text{S}$		

主要零件材质(Main part material)

零件名称 Name	阀体 Valve Body	阀瓣 Disc	阀杆 Stem	阀体密封 Valve Body Seal	阻尼油缸 Damping cylinder
材料 Material	WCB	WCB	45#或2Cr13 45#or2Cr13	不锈钢 Stainless steel	不锈钢 Stainless steel

备注：密封面为多层次 Remarks: Sealing face is multi-layers.

止回阀系列 Check Valve Series

全国免费热线：4001-899-439

HBH47H液压缓闭蝶式止回阀 HBH47H hydraulic pressure slow shut butterfly type check valve

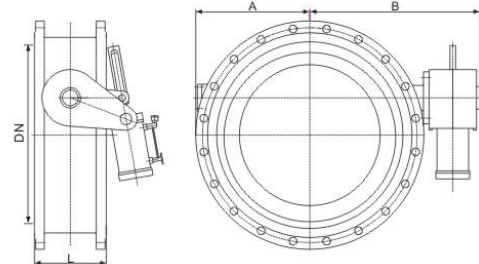
概述

HBH47H系列产品是我公司最新研制开发的金属密封三偏心法兰连接液压缓闭蝶型止回阀，主要适用于石油、化工、食品、医药、轻纺、造纸、给排水、冶炼及能源作为单向阀使用，用来防止介质的逆流和破坏性水锤。主要特点有：
1、体积小，重量轻，结构紧凑，维修方便。
2、缓闭装置设计新颖，结构紧凑合理，性能稳定可靠，且位于管线之外，避免了污染介质。
3、运行平稳，无震动，无噪音。
4、采用三偏心+大偏心结构，其结构参数确定在最佳值，有利于流阻和振动减少水锤影响。
5、达到完全密封，无泄漏。
6、启闭特性好，阀门开启压力 $\leq 0.08\text{MPa}$ ，开启迅速，关闭阀门采用可调式，快慢两阶段关闭方式，快关无阻力，缓闭时间调节范围大，可适用不同工况要求。

主要技术性能(Main technical feature)

公称口径DN Nominal Diameter	公称压力 PN (MPa) Nominal pressure	试验压力Ps (MPa) Test pressure 壳体Shell 密封Seal	适用温度 Suitable temperature($^{\circ}\text{C}$)	适用介质 Suitable medium
250 ~ 1800mm	1.0	1.5	$\leq 250^{\circ}\text{C}$	淡水、污水、海水、 空气、食品、药品、各种油类、酸类 Fresh water, sewage, sea water, air, food, medicines, various kinds of oil, acids
	1.6	2.4		
	2.5	3.75		

结构示意图(Structural Diagram)



主要外型尺寸和连接尺寸 Main size of appearance and size of connecting

公称口径 Nominal and open directly	L	A	B
300	178	250	485
350	190	270	510
400	216	300	540
450	222	310	600
500	230	330	645
600	267	390	725
700	292	450	808
800	318	800	850
900	330	560	935
1000	410	610	1050
1200	470	725	1230
1400	530	830	1380
1600	600	960	1520
1800	670	1160	1575

设计与应用标准(Design and Application Standard)

- 设计与制造标准：GB/T12238-2008、CJ/T282-2008
 - 法兰连接标准：JB/T 78-1994、JB/T 79-1994、GB/T9113-2010、GB/T 17241.6-2008
 - 结构长度标准：JB/T 12221-2005
 - 检验与试验标准：JB/T 9092-1999
- design and manufacture standard: GB/T12238-2008、CJ/T282-2008
 - connecting flange standard: JB/T 78-1994、JB/T 79-1994、GB/T9113-2010、GB/T 17241.6-2008
 - end to end standard: JB/T 12221-2005
 - test and inspection standard: JB/T 9092-1999

主要零件材质(Main Parts and Materials)

零件名称 Name	阀体 Valve body	蝶板 Disc	阀杆 Valve stem	密封圈 Sealing Ring NBR	缓闭油缸 Slow-closure oil cylinder
材料 Material	铸铁、铸钢、不锈钢 Cast iron, cast steel, stainless steel	铸钢 Cast steel	不锈钢 Stainless Steel	丁腈橡胶 Nitrile-butadiene Rubber	不锈钢 Stainless Steel



止回阀系列 Check Valve Series

全国免费热线：4001-899-439

HH44^H/_Z-¹⁰/₁₆ KHH44^X/_H型 (油压、矿浆) 微阻缓闭止回阀 Hh44^H/_Z-¹⁰/₁₆ KHH44^X/_HType (the oil pressure, ore pulp) Tiny Drag Slow Shut Check Valve

概述

该阀结构设计新颖, 流通面积大, 流阻小, 开启度大, 节电效果显著, 密封性能可靠, 耐磨损, 且具有缓闭消声的作用。可根据不同的水况调节最佳的缓闭时间, 消除水锤。主要用于给排水管道上, 安装在水泵的出口处, 用以截断介质的逆流, 消除破坏性水锤, 保证管路、水泵的安全运行, 使用寿命长、无振动、无噪音。

主要技术性能(Main technical feature)

型 号Type	公称压力 Nominal pressure PN (MPa)		试验压力Ps (MPa) Test pressure 壳体Shell 密封Seal		工作温度 (℃) Working Temperature	适用介质 Suitable medium
	H	10	1.0	1.5		
HH44 ^H / _Z - ¹⁰ / ₁₆	4	10	1.6	2.4	≤80 (根据客户要求 可达到200) Can be up to 200 according to customer's enquiry	水、污水、海水等 Water, sewage, sea water, etc.
	25	25	2.5	3.8		



主要外形尺寸及连接尺寸 Main size of appearance and size of connecting

DN (mm)	L	H	H1	参考重量 (Kg) Reference weight
40	200	230	120	50
50	230	250	130	55
65	290	270	140	60
80	310	290	160	85
100	350	375	195	110
125	400	420	210	125
150	480	450	240	140
200	500	520	270	180
250	600	620	300	280
300	700	685	340	390
350	800	775	380	550
400	900	850	400	720
450	1000	1025	500	900
500	1100	1125	550	1060
600	1300	1320	615	1700
700	1400	1430	650	2500
800	1500	1550	750	3100
900	1700	1650	800	3700
1000	1750	1750	850	4200
1200	1800			4900
1400	1850			5500
1600	2000			
1800	2300			
2000	2500			

注: 1000以上用钢板焊 note: above 1000 should use steel plate welding

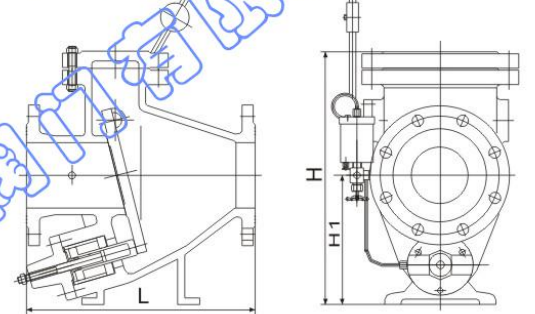
Overview

This valve is featured by original structure, large circulating area, little flow resistance, broad opening, distinguished electricity saving, dependable sealing performance, abrasion resistance, as well as slow shut and noise elimination. Functioned to effect optimal time for slow shut and for eliminating water hammer according to different occasions, this valve is mainly used in water supply and drainage pipeline and mounted at the outlet of pump to cut off back flow of medium, eliminate destructive water hammer, ensure the safe operation of pipeline and pump, and actualize long service life, little vibration and noise.

主要零件材质(Main Parts and Materials)

零件名称 Name	阀体、阀盖 Valve Body, Bonnet	阀瓣 Disc	阀杆 Valve stem
材料 Material	铸铁、铸钢 Cast iron cast steel	钢板、橡胶组件 Steel plate rubber package	不锈钢 Stainless Steel

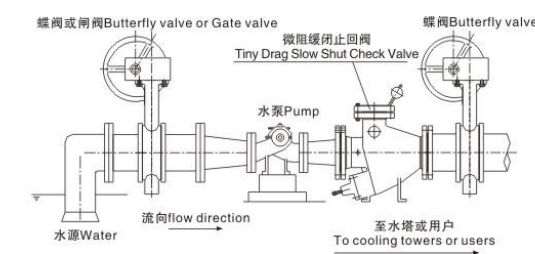
结构示意图(Structural Diagram)



设计与应用标准(Design and Application Standard)

- 1、设计与制造标准: GB/T12236-2008、GB/T 13932-1992
- 2、法兰连接标准: JB/T 78-1994、JB/T 79-1994
- 3、结构长度标准: JB96-59、和旋启式止回阀的安装尺寸相同
- 4、检验与试验标准: JB/T 9092-1999
- 1、design and manufacture standard: GB/T12236-2008、GB/T 13932-1992
- 2、connecting flange standard: JB/T 78-1994、JB/T 79-1994
- 3、end to end standard: JB96-59、Swing check valve and the installation of the same size
- 4、test and inspection standard: JB/T 9092-1999

安装示意图(Install the sketch map)



止回阀系列 Check Valve Series

全国免费热线：4001-899-439

HDH48⁶X/H、HYH46EJ/H微阻缓闭蝶阀止回阀 HDH48⁶X/H、HYH46EJ/HTiny Drag Slow Shut Check Valve

概述

该阀结构设计新颖合理, 形体小、重量轻, 密封性能良好, 流通能力强流阻小, 具有缓闭消声、无振动、无噪音功能。可根据不同的水况调节最佳的缓闭时间, 消除水锤。主要用于高层建筑及消防系统等给排水管道上, 安装在水泵的出口处, 用以截断介质的回流, 消除破坏性水锤, 保证管路、水泵的安全运行, 具有较好的节能效果。

主要技术性能(Main technical feature)

公称压力 P N (MPa) Nominal pressure	试验压力Ps (MPa) Test pressure 壳体 Shell 密封Seal		工作温度 (℃) Working temperature	适用介质 Suitable medium
	1.0	1.5		
1.6	2.4	1.76	≤80	水、源水 Water, Source water
2.5	3.8	2.8		

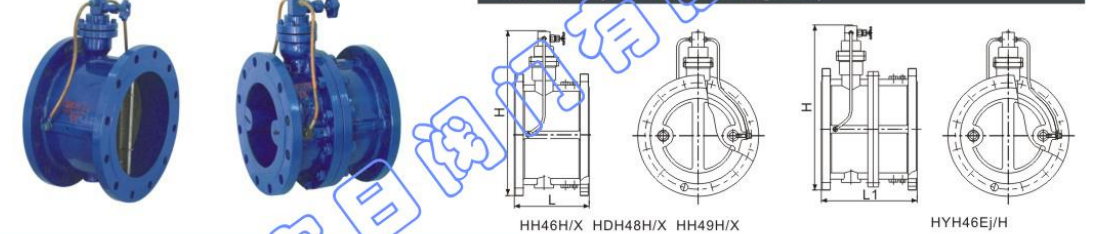
Overview

This valve is featured by original structure, reasonable design, small profile, light weight, outstanding sealing performance, strong circulating capability, little flow resistance, slow shut, noise elimination, no vibration and noise. Functioned to effect optimal time for slow shut and for eliminating water hammer according to different occasions, this valve is mainly used in water supply and drainage pipeline in high-rises and fire control system, and mounted at the outlet of pump to cut off back flow of medium, eliminate destructive water hammer, ensure the safe operation of pipeline and pump, and actualize distinguished energy-saving effect.

主要零件材质(Main Parts and Materials)

零件材质 Parts and Materials	阀体 Body	阀瓣 Disc	阀杆 Stem	扭力弹簧 Torsion spring	油缸 活塞 Cylinder piston	密封 Seal
材料 Material	灰铸铁、铸钢 不锈钢 Gray cast iron, cast steel, stainless steel	碳钢 Carbon steel	不锈钢 Stainless Steel	不锈钢 Stainless Steel	不锈钢 Stainless Steel	丁腈橡胶 Nitrile- butadiene Rubber

结构示意图(Structural Diagram)



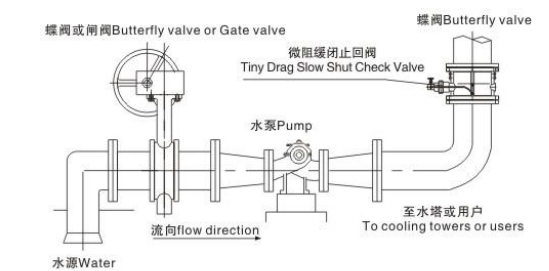
主要外形尺寸及连接尺寸 Main size of appearance and size of connecting

DN (mm)	L	H	参考重量 Consult weight (Kg)
50	150	/	13
65	170	/	15
80	180	/	18.5
100	190	335	22.8
125	200	370	26.6
150	210	410	34.5
200	230	470	51
250	250	530	79
300	270	600	89
350	290	670	142
400	310	750	170
450	330	780	206
500	350	830	315
600	390	900	373
700	430	1025	517
800	470	1195	720
900	510	1330	905
1000	550	1470	1500
1200	630	1710	2000
1400	710	1880	2600
1600	790	2160	-
1800	870	/	-
2000	950	/	-

设计与应用标准(Design and Application Standard)

- 1、设计与制造标准: GB/T12238-1989
- 2、法兰连接标准: JB/T 78-1994、JB/T 79-1994、GB/T 9113、GB/T 17241.6
- 3、结构长度标准: JB/T 12221-2005
- 4、检验与试验标准: JB/T 9092-1999
- 1、design and manufacture standard: GB/T12238-1989
- 2、connecting flange standard: JB/T 78-1994、JB/T 79-1994、GB/T 9113、GB/T 17241.6
- 3、end to end standard: JB/T 12221-2005
- 4、test and inspection standard: JB/T 9092-1999

安装示意图(Install the sketch map)





止回阀系列 Check Valve Series

全国免费热线：4001-899-439

FRDH70X-10^{1/2} 液力自动控制阀/ FRHDH744X-10^{1/2} 阻尼蝶式止回阀(智能自控)

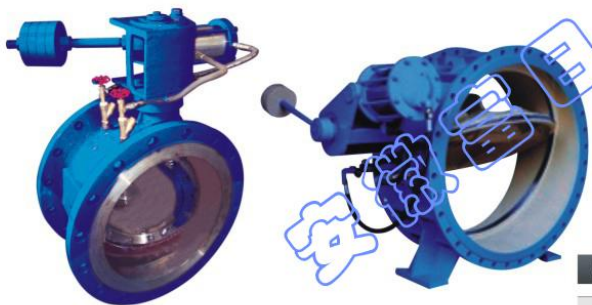
FRDH70X-10^{1/2} hydraulic auto-control valve/ FRHDH744X-10^{1/2} Damped butterfly check valve(Intelligent autocontrol valve)

概述

本阀用于水泵出口处，能取代止回阀、截止阀及水锤消除器。具有截流止回、轻载启泵、消除水锤等多种功能，有效保护水泵和管道设备安全。阀门开度可通过阀位变送器的数字显示仪进行现场调节，同时还可输出4-20mA直流电流供计算机集中控制。本产品广泛用于冶金、石化、石油、市政、环保、水利等行业的给排水系统中。

主要技术特点

- 1、阻力小：采用换向阀控制，大阀板开启度高，阻力小，启闭灵活。
- 2、体积小：阀体采用蝶式结构，体积只有同口径多功能水力控制阀的1/3-1/5。节约占地空间面积。
- 3、重量轻：重量只有多功能水力控制阀的1/3-1/5。降低成本。
- 4、寿命长：采用斜置密封幅结构，具有密封面磨损自动补偿功能。
- 5、自动控制：阀门与水泵通过管内介质连锁，泵阀联动，无需人为干预，泵开阀开，泵关阀关。
- 6、节能降耗：利用介质压力驱动，无需外接动力，节能降耗。
- 7、密封良好：采用软硬组合双重密封，可长期确保零泄漏。
- 8、启闭轻松：大阀板采用偏心结构，摩擦力矩小，启闭轻松。
- 9、维修方便：控制系统零部件均处于阀体外面，调试简单，维修方便。



主要外形及安装尺寸(Main external installation size)

DN	L	L1	B1	B2	B	H
300	270	120	300	350	460	355
350	290	130	350	410	500	370
400	310	150	400	470	530	420
450	330	160	450	520	620	445
500	350	180	500	570	680	470
600	390	200	520	580	740	565
700	430	230	530	600	800	650
800	470	255	510	580	880	800
900	510	280	580	650	950	810
1000	550	330	630	700	1250	900
1200	630	380	770	850	1370	1000
1400	710	470	1020	1100	1480	1150
1600	790	520	1200	1290	1780	1250

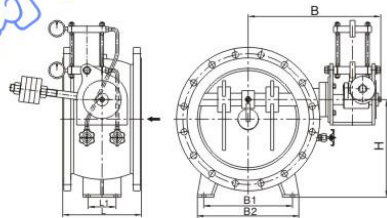
Overview

This valve is used at the outlet of water pump to replace check valve, global valve and water hammer eliminator. It has the functions of stopping flow, non-return, starting pump, eliminating water hammer, etc. thus, effectively protect the safety of water pump and pipelines. The openness of valve can be adjusted at site through the digital indicator of valve position transducer. Meanwhile, it can output 4-20mA DC to supply for computer control centralized. This valve is widely used for water supply and transport system in metallurgy, petrochemical, municipal projects, environmental protection, etc.

Main features

- 1、small resistance: Controlled by reversing valve. Big valve plate enables to open highly with small resistance and flexible start and stop.
- 2、Small volume: valve body is in butterfly type. The volume is 1/3-1/5 of that of multi-function hydraulic control valve with the same caliber, thus to save the space.
- 3、Light weight: the weight is only 1/3-1/5 of multi-function hydraulic control valve, thus to lower cost.
- 4、Long life span: tilting seal set has the function of self compensation to the abrasion of sealing surface.
- 5、Automatic control: valve is interlocked with water pump by medium in pipes. Pump opens, valve opens. Pump closes, valve closes, no need of labor power.
- 6、Energy saving: it is driven by medium pressure, no need of external power, thus save energy and lower consumption.
- 7、Excellent sealing: use soft and hard dual seal, to safeguard zero leakage.
- 8、Flexible start and stop: the big valve plate is in eccentric structure, so the friction moment is small and start and stop is flexible.
- 9、Easy maintenance: all the control system's parts are set outside the valve body, so it is easy to do commission and maintenance.

结构示意图(Structural Diagram)



主要技术性能(Main technical feature)

公称压力(MPa) Nominal pressure	公称压力P(MPa) Nominal Pressure	壳体实验压力(MPa) Test pressure of the shell	密封实验压力(MPa) Sealed test pressure
1.0	1.0	1.5	1.1
1.6	1.6	2.4	1.76
2.5	2.5	3.75	2.75
适用温度(°C) Suitable temperature		0~80 °C	
适用介质 Suitable medium		水、污水、海水 water, sewage, sea water	

主要零件材质(Main Parts and Materials)

零件名称 parts	阀体 Body	阀板 Plate	小阀板 small valve plate	阀杆 stem	密封圈 seal ring	缸套 sleeve	支架 saddle
材质 Material	灰铸铁 铸钢 gray cast iron, cast steel	铸钢 Cast steel	铸钢 Cast steel	不锈钢 SS	丁晴橡胶 NBR	不锈钢 SS	碳钢 carbon steel

止回阀系列 Check Valve Series

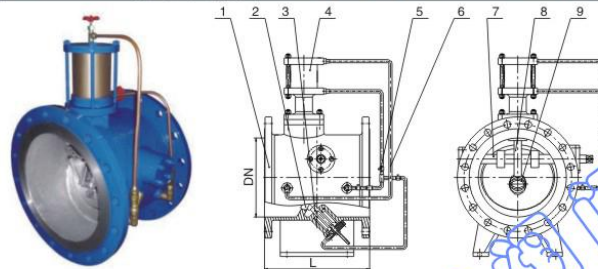
全国免费热线：4001-899-439

管力阀 TUBE FORCE VALVE

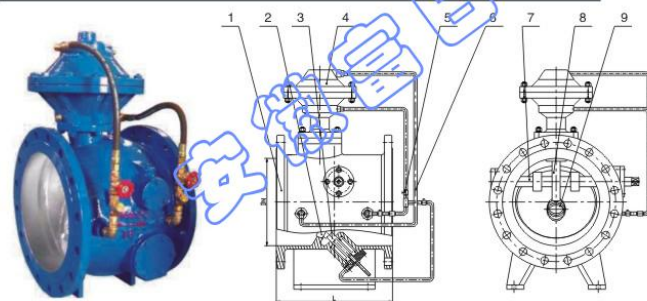
概述

管力阀是水泵出口继老式手动控制阀、液控蝶阀、多功能水力阀与液力自动阀等控制阀门后的第五代新产品。通过对阀门的流体设计，形成直线型流动，能耗低、运行稳，密封效果好，它兼具电动蝶阀、电动蝶阀以及止回阀的功能，通过提高快关时间，能更好地消除水锤危害，保护水泵及管网系统安全。管力阀主要用于自动化给排水泵的离心泵、混流泵和轴流泵出水管道，设计有活塞式与膜片式两种控制装置，可分别适用于清水、原水类介质和污水、渣浆水类介质。由于结构紧凑，体积小，重量轻，特别适用于大口径管路系统。可广泛应用于电力、环保、冶金、石化、水司、市政、食品等行业供、排水系统、污水泵房、化工流体等的输送系统，是当前国内外结构最新颖、性能最先进、运行最可靠的泵站新型控制设备。

BFDG7H41活塞式结构图 BFDG7H41 Piston Structure



BFDG7M41膜片式结构图 BFDG7M41 Diaphragm Structure



设计与运用标准

- 1、设计与制造标准：CJ/T282-2008、API6D-2005
- 2、法兰连接标准：GB/T9113、GB/T17241.6、HG、SH
- 3、结构长度标准：GB/T12221-2005
- 4、阀门的检验与试验标准：GB/T13927-2008A级

Design and apply standard

- 1、Design standard: CJ/T282-2008、API6D-2005
- 2、Flange end: GB/T9113、GB/T17241.6、HG、SH
- 3、Face to face: GB/T12221-2005
- 4、Inspection: GB/T13927-2008A

主要技术性能

- 1、公称压力：PN0.6~2.5MPa
- 2、适用介质：清水、污水、源水、油品等
- 3、适用温度：0~80℃

Basic Mechanical Design Feature

- 1、Pressure: PN0.6~2.5MPa
- 2、Suitable medium: clean water, sewage, raw water, oil, etc.
- 3、Suitable temperature: 0~80℃

Overview

Tube force valve is the pump valve and the fifth generation product after the old manual control valve, hydraulic butterfly valve, Multi-function hydraulic valve and hydraulic automatic valve. As the design of fluid flow, forming linear flow which with low consumption, stability operation, well sealed. It have the all function that the electric gate valves, electric Butterfly valve and check valve have. Through the improving of fast shut, it can eliminate water hammer damage, protect water pump or pipeline network system security better than before. Tube force valve mainly used in automatic water supply and drainage pumping station of the centrifugal pump, mixed flow pump and axial flow pump's outlet pipe, the type divided into piston and diaphragm these two control devices. This valve is applied to clean water, raw water, sewage, slurry water and so on. Because the structure is compact, small volume, light weight, especially suitable for big diameter pipeline system. Can be widely used in electric power, environmental protection, metallurgy, stone change, water department, municipal and food industries for supply and drainage system, sewage pump room, chemical fluid transmission system. This kind of valve is the latest structure, advanced performance and reliable operation in both China and abroad.

主要尺寸 Principal Dimension

DN		DN	L
125	264	900	711
150	267	1000	811
200	292	1200	850
250	330	1400	950
300	356	1600	1100
350	381	1800	1200
400	406	2000	1300
450	432	2200	1450
500	457	2400	1550
600	508	2600	1700
700	610	2800	1850
800	660	3000	2000

主要零件材质 Main parts material

序号 No.	零件名称 Part name	零件材质 Parts material
1	阀体 Body	铸钢/铸铁 Cast steel / cast iron
2	阀瓣 Disc	铸钢 Cast steel
3	缓闭活塞 Slowly-closing Piston	不锈钢 Stainless steel
4	控制部件 Control Unit	
5	球阀 Ball Valve	黄铜 Brass
6	旁通组件 Bypass Components	
7	阀杆 Stem	2Cr13
8	控制顶杆 Control Plunger	2Cr13
9	小阀瓣 Small Disc	碳钢 Carbon steel



止回阀系列 Check Valve Series

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FRDH/M745X/H多功能斜板阀 MULTIFUNCTIONAL TILTING DISC VALVE

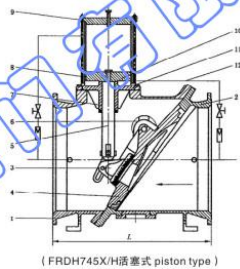
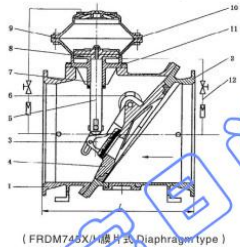
概述

安装在市政、建筑、钢铁、冶金、石油、化工、食品、医药、电站、水利及灌溉等领域的取水、送水、加压、潜水、污水泵房及石油、化工流体的输送系统中，融电动阀、止回阀和水锤消除器三种设备的功能于一体，能有效地提高系统安全可靠，满足系统自动化控制要求和节能要求。

特点

- 1、安全可靠，具有速闭、缓闭以及吸能腔三种消除水锤措施，动作联锁，不会产生误动作。
- 2、无需人工操作控制，当水泵启、闭时，利用阀门前、后介质压力差为驱动力，使阀门自动按照水泵操作规程的要求动作。
- 3、无需专业调试。阀门动作不受液体高差和出水压力以及水泵流量变化的影响，适应范围广。
- 4、基本无需维修，寿命长。
- 5、节能效果明显，流阻近似蝶阀。
- 6、结构长度短，重量轻，安装及在线维修方便。

结构示意图 Structural Diagram



设计与运用标准 Design and apply standard

- 1、设计与制造标准：CJ/T379-2011
- 2、法兰连接标准：GB/T9113、GB/T17241.6、HG、SH
- 3、结构长度标准：CJ/T379-2011
- 4、阀门的检验与试验标准：GB/T13927-2008A级
1. Design and manufacture standard: CJ/T379-2011
2. Connecting flange standard: GB/T9113、GB/T17241.6、HG、SH
3. End to end standard: CJ/T379-2011
4. Test and inspection standard: GB/T13927-2008A

技术参数 Technical Requirements

- 1、公称压力：1.0MPa、1.6MPa、2.5MPa
- 2、最低动作压力：0.05MPa
- 3、适用介质：原水、清水、污水、油品
- 4、适用温度：0 ~ 80℃
- 5、缓闭时间：10 ~ 120S (可调节 adjust)
- 6、水锤峰值：≤1.5倍水泵出口额定压力
- 7、水泵最高反转速度：≤1.2倍水泵额定转速
- 8、阻力损失：接近普通蝶阀
- 9、膜片疲劳弯曲：200万次无破损
1. pressure: 1.0MPa、1.6MPa、2.5MPa
2. Mix. Operating pressure: 0.05MPa
3. Medium: raw or clean water, sewage, oil.
4. Temp.: 0 ~ 80℃
5. Slow shut time 10 ~ 120S (adjust)
6. Peak of water hammer: ≤1.5 of pump water outlet pressure rating
7. Reverse speed: ≤1.2 of pump rated speed
8. Resistance loss: as the butterfly valve
9. Diaphragm fatigue bending: 2 million without damage

Overview

This valve is installed at the municipal, construction, steel, metallurgy, petroleum, chemical, food, medicine, power stations, water conservancy and irrigation in areas for offer or deliver water, pressure, diving, sewage pump room and the fluid conveying system in the petroleum, chemical industry, having the functions of electric valve, check valve and water hammer eliminator. This valve can effectively improve the system safety and reliability, meet the requirements of system automation control and energy saving.

Features

1. With high safety and reliability, cavity has quick closing, slowly-closing and getting energy these measures of eliminate water hammer, and interlocking will not produce false action.
2. Without manual operation control, when the water pump opening or closing, use the force caused by pressure difference of medium before or behind the valve. Make the valve operating in accordance with the requirements automatically.
3. Do not need any adjusting. Valve adapt to a wide range, operation would not affected by the liquid level difference, water pressure and the influence of pump flow.
4. No maintenance, long service life.
5. Obvious energy saving, flow resistance is same as butterfly valve.
6. Short structure length, light weight, easy installation and online maintenance.

主要尺寸 Main dimension

DN	L				DN	L	
	10	16	25			10	16
200	320	360	400		700	990	990
250	430	430	450		800	1100	1200
300	535	550	550		900	1280	1320
350	570	580	600		1000	1420	1420
400	600	650	700		1200	1650	1700
450	690	740	760		1400	1900	2100
500	760	810	850		1600	2100	/
600	880	880	950		1800	2350	/
/	/	/	/		2000	2830	/

主要零件材质 Main parts material

序号 No.	零件名称 Part name	材质Material	序号 No.	零件名称 Part name	材质Material
1	左阀体 Left body	铸钢、铸铁 Cast steel/Cast iron	7	衬套bushing	铜brass
2	右阀体 Right body	铸钢、铸铁 Cast steel/Cast iron	8	膜片压板、活塞缸 Dia. Plate cylinder	碳钢、不锈钢 Carbon steel/SS
3	凸轮组件 CAM component	不锈钢SS	9	膜片盖、缸盖 Dia. Cover cylinder	碳钢Carbon steel
4	蝶板disc	铸钢Cast steel	10	膜片、活塞 Dia. Diaphragm, piston	橡胶NBR
5	顶杆stem	不锈钢SS	11	膜片座、缸座 Dia. Seat cylinder	不锈钢SS
6	阀轴bearing	不锈钢SS	12	控制管系统 Control system	铸钢Carbon steel

止回阀系列 Check Valve Series

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PH44H型排渣旋启式止回阀 PH44H Scum swing Check Valve

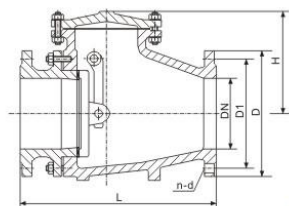
概述

该阀门主要用于渣水混合物介质的管路上作为止回装置。

主要技术性能(Main Performance Parameters)

型号 Type	公称压力 Nominal Pressure PN(MPa)	试验压力Ps(MPa) Test Pressure Ps		工作温度 (℃) Working Temperature	工作压力 P(MPa) Working Pressure	适用介质 Applicable Medium
		壳体Shell	密封Seal			
PH44-10C	1.0	1.5	1.1	≤200	1.0	灰渣水混合物，渣水比>1:5,最大粒度≤50mm
PH44-16C	1.6	2.4	1.76		1.6	gray dreg water mixture, dreg: water > 1:5, argest grain size ≤50mm l
PH44-25C	2.5	3.8	2.8		2.5	

结构示意图(Structural Diagram)



H7B71X(H71X)对夹消声止回阀 H7B71X(H71X) Wafer Silencing Check Valve

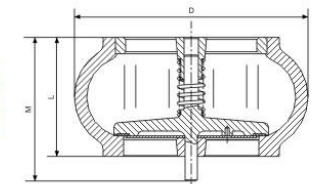
概述

H7B71X对夹消声止回阀主要用于管道防止介质倒流、高层建筑给排水系统、空调制冷、自来水厂、消防部门等管道系统。该产品具有能消除噪声的优、结构长度短，重量轻，密封性能好。阀体内腔采用流线型设计，大大降低了流体的阻力。

主要技术性能参数(Main Performance Parameters)

公称压力 Nominal pressure	强度试验压力 Test Pressure	密封试验压力 Test Pressure	工作温度℃ Working Temperature	适用介质 Applicable Medium
1.0MPa	1.5MPa	1.1MPa	0 ~ 80	水、油品等 Water, Oil, etc.
1.6MPa	2.4MPa	1.8MPa		

结构示意图(Structural Diagram)



设计与应用标准(Design and Application Standard)

- 1、设计与制造标准：JB/T 8937-1999
- 2、结构长度标准：GB/T 1221-2005、厂标
- 3、检验与试验标准：JB/T 9092-1999
1. design and manufacture standard: JB/T 8937-1999
2. end to end standard: JB/T 1221-2005, our standard
3. test and inspection standard: JB/T 9092-1999

Overview

This valve is mainly used as non-return device in scum-water mixed the pipeline

主要零件材质(Main Parts and Materials)

零件名称 Name	阀体、阀盖 Valve body, Bonnet	阀瓣 Valve disc	紧固件 Fastener
材料 Material	铸钢 Cast steel	铸钢+不锈钢 Cast steel+Stainless steel	Q235

主要外型结构尺寸(Main External Dimensions and Connecting Dimensions)

DN(mm)	L(mm)	H(mm)	参考重量(Kg)Consult weight(kg)
80	241	260	48
100	292	270	63
150	356	290	120
200	495	345	200
225	558	380	230
250	622	410	250
300	698	460	320
350	787	524	400
400	900	600	510
450	918	670	/
500	978	760	/
600	1295	840	/

设计与应用标准(Design and Application Standard)

- 1、设计与制造标准：GB/T 12236-1989
- 2、法兰连接标准：GB 9113-2010、JB/T 79-1994
- 3、结构长度标准：JB/T 12221-2005
- 4、检验与试验标准：JB/T 9092-1999
1. design and manufacture standard: GB/T 12236-1989
2. connecting flange standard: GB 9113-2010、JB/T 79-1994
3. end to end standard: JB/T 12221-2005
4. test and inspection standard: JB/T 9092-1999

Overview

H7B71X wafer silencing check valve is mainly used in pipeline system in water supply and drainage system in high-rises, air-conditioning refrigeration, water works, fire control departments, etc, functioned to avoid back flow of mediums. It is featured by outstanding capability to eliminate noise, short structural length, lightweight and sound sealing performance. The streamline design of valve body chamber greatly lowers the resistance of fluid.

主要零件材质(Main Parts and Materials)

零件名称 Name	阀体 Valve body	阀瓣、压板 Disc, pressing plate	密封圈 Seal enclose	弹簧 Spring	导向座 Lead seat
材料 Material	灰铸铁、球墨铸铁 Gray casting iron、Spheroidal Graphite Cast Iron	铸钢 Cast Steel	丁腈橡胶 NBR	不锈钢 Stainless Steel	黄铜 Brass

主要外型结构尺寸(Main External Dimensions and Connecting Dimensions)

公称口径 DN	尺寸(mm)1.0、1.6(Mpa)				
	D	L	M		
50	124	70	56	82	66
65	144	85	63	100	78
80	162	94	71	113	90
100	198	104	80	129	105
125	240	130	110	160	140
150	280	148	125	184	165
200	362	200	160	254	215
250	400	250	200	325	275
300	460	/	250	/	325
350	510	/	280	/	345
400	560	/	310	/	375
450	630	/	330	/	400



止回阀系列 Check Valve Series

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H71H/W型对夹式止回阀 H71H/W Wafer Type Check Valve

概述

该阀门主要用于供水、供热及制酸等具有强氧化性的介质的系统里，常配作为锅炉附件等。由于外型轻巧，结构简单，弹簧装置加速了阀瓣的关闭，可适当的消除水锤。一般适用于对安装空间有限的场所。

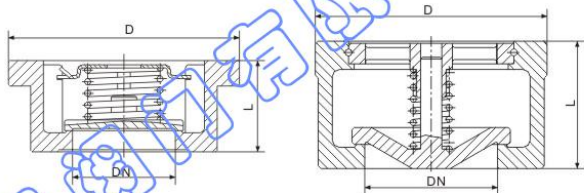
主要技术性能(Main performance Parameters)

型 号 TYPE	公称压力 (MPa) Nominal Pressure	试验压力Ps (MPa) 壳体 Shess	Test Prossure Ps 密封 Seal	工作温度 (℃) Working Temperature(℃)	工作压力 (MPa) Working pressure	适用介质 Applicable Medium
H71H-C H71W-P H71W-R	1.0	1.5	1.1	< 200	1.0	水、蒸汽、油品、 硝酸及尿素等氧化性腐蚀性介质 Water, steam, oil, oxygen, such as nitric acid and urea, etc. Melting corrosivity medium
	1.6	2.4	1.76		1.6	
	2.5	3.8	2.8		2.5	
	4.0	6.0	4.4		4.0	

Overview

This valve is mainly used in the system carrying strong oxidative mediums in water and heat supply and acid making etc; usually used as accessories for boilers. Provided with exquisite profile and simple structure, its spring device functions to speed up the close of disc to eliminate water hammer. This valve is applicable to space-restricted locations.

结构示意图(Structure Diagram)



主要零件材质(Main Parts and Materials)

零件名称 Name	阀体 Valve body	阀瓣Disc	弹簧Spring	卡环 Clasp
材料 Material	铸钢、不锈钢 Cast steel stainless Steel	铸钢、不锈钢 Cast steel stainless Steel	不锈钢 Stainless Steel	不锈钢 Stainless Steel

设计与应用标准(Design and Application Standard)

- 1、设计与制造标准：JB/T 8937-1999
 - 2、结构长度标准：GB/T 1221-2005、厂标
 - 3、检验与试验标准：JB/T 9092-1999
- 1、design and manufacture standard：JB/8937-1999
2、end to end standard：JB/T 12221-2005、manufacturer standard
3、test and inspection standard：JB/T 9092-1999

主要外型连接尺寸 (Main External Dimensions and Connecting Dimensions)

公称通径DN(mm) Nominal Diameter	L		D		重量(Kg)Weight		D		重量(Kg)Weight		D		重量(Kg)Weight		D		重量(Kg)Weight	
	短系列 Short Series	长系列 Long Series	1.0 MPa		1.6 MPa		2.5 MPa		4.0 MPa									
15	16	25	53	0.3	53	0.3	53	0.3	53	0.3								
20	19	31.5	63	0.5	63	0.5	63	0.5	63	0.5								
25	22	35.5	73	0.7	73	0.7	73	0.8	73	0.8								
32	28	40	84	1.1	84	1.1	84	1.3	84	1.3								
40	31.5	45	94	1.4	94	1.5	94	1.6	94	1.8								
50	40	56	109	2.1	109	2.2	109	2.3	109	2.6								
65	46	63	129	2.9	129	3.2	129	3.3	129	3.6								
80	50	71	144	3.7	144	4.0	144	4.4	144	4.8								
100	60	80	164	4.8	164	5.2	170	5.6	170	5.9								
125	90	110	194	7.8	194	8.6	198	9.2	198	10								
150	106	125	220	10.6	220	11.6	228	12.5	228	13.5								
200	140	160	272	/	272	/	285	/	290	/								
250	165	200	330	/	330	/	340	/	350	/								

止回阀系列 Check Valve Series

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H74W/H/N/X/F对夹式薄型止回阀 H74W/H/N/X/F Wafer type slim Check Valve

概述

H74H系列止回阀结构轻巧，造型简单。主要用于给水系统，高楼建筑及工业区，由于结构长度短，一般适用于对安装空间有限的场所。

主要技术性能(Main performance Parameters)

公称压力 PN(MPa) Nominal Pressure	试验压力Ps(MPa) Test Prossure Ps		工作温度 (℃) Working Temperature(℃)		适用介质 Applicable Medium	阀体材质 Valve body material
	壳体 Shess	密封 Seal	软密封 Soft seal	硬密封 Hard seal		
1.0	1.5	1.1	≤80 或 ≤150	≤200	油、水(蒸汽)、 酸碱等介质 Oil, water (steam) Medium, such as acid and alkali, etc.	碳素钢、不锈钢、 铬钼钢等 Carbon steel, stain- less steel, chromium molybdenum steel, etc.
1.6	2.4	1.8				
2.5	3.8	2.8				
4.0	6.0	4.4				

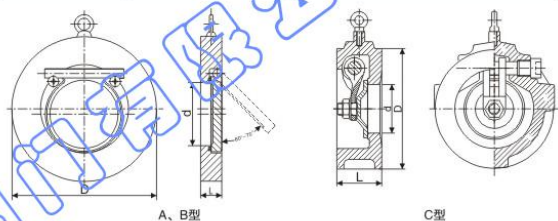
Overview

Featured by exquisite structure and simple profile, H74H/N/X products are mainly used in water supply system, high-rises and industrial zones. Due to their short structural length, they are usually applicable to space-restricted locations.

主要零件材质(Main Parts and Materials)

零件名称 Name	材料 Material
阀体、阀瓣 Valve Body, Disc	碳素钢、不锈钢、铬钼钢 Stainless Steel, Carbon steel Chromium molybdenum steel
吊环 Rings	碳素钢、不锈钢 Stainless Steel, Carbon steel
摇臂 (长型) Rocker arm (long type)	碳素钢、不锈钢、铬钼钢 Stainless Steel, Carbon steel Chromium molybdenum steel
密封面 Seal surface	丁腈橡胶、不锈钢聚四氟乙烯塑料 The five rubber of cube, stainless steel gathersed four Fluorine ethylene nylon plastics

结构示意图(Structure Diagram)



设计与应用标准

- 1、设计与制造标准：JB/T 8937-1999
- 2、结构长度标准：GB/T 1221-2005、厂标
- 3、检验与试验标准：JB/T 9092-1999

Design and Application Standard

- 1、design and manufacture standard：JB/8937-1999
- 2、end to end standard：JB/T 12221-2005、manufacturer standard
- 3、test and inspection standard：JB/T 9092-1999

主要外型连接尺寸 (Main External Dimensions and Connecting Dimensions)

DN (mm)	尺寸 (mm) SIZE																	
	L				d	C型PN10		D										
	A型	TypeA	B型	TypeB		C型	TypeC	重量 Weight	PN10	重量 Weight	PN16	重量 Weight	PN25	重量 Weight	PN40	重量 Weight	PN64	重量 Weight
50	19	23	33	43	25	3	108	0.9	108	0.9	108	1.0	108	1.0	114	1.6		
65	19	23	33	46	38	4	128	1.3	128	1.3	128	1.5	128	1.5	138	2.1		
80	19	23	33	64	46	5	142	1.5	142	1.5	142	1.7	142	1.7	148	2.8		
100	19	25	35	64	71	7	162	2.2	162	2.2	168	2.3	168	2.3	174	3.7		
125	19	27	38	70	95	10	192	3.2	192	3.2	194	3.5	194	3.5	211	6		
150	19	31	40	76	114	15	218	5.1	218	5.1	224	5.6	224	5.6	248	12		
200	29	31	43	89	160	29	273	11	273	11	284	12	291	14	310	22		
250	29	37	43	114	200	45	328	15	329	15	341	22	353	24	362	43		
300	38	42	50	114	240	78	378	26	384	29	401	39	418	46	422	66		
350	44	47	52	127	280	105	438	35	444	42	458	55	475	64	487	82		
400	51	52	62	140	330	140	489	55	496	60	515	70	547	80	541	125		
450	60	57	62	152	370	160	539	62	556	80	565	105	572	120	-	-		
500	64	73	80	152	420	200	594	105	618	130	622	155	626	160	-	-		
600	70	76	90	178	482	310	696	155	732	180	732	210	745	215	-	-		
700	76	86	-	229	566	420	811	200	802	210	-	-	-	-	-	-		
800	80	98	-	241	622	590	918	315	912	310	-	-	-	-	-	-		
900	96	113	-	241	708	900	1018	555	1012	545	-	-	-	-	-	-		
1000	127	123	-	300	815	1300	1124	720	1126	730	-	-	-	-	-	-		

注：A型为普通型，B型加装弹簧快关装置，C型为加长型结构。
Note: A type is ordinary type, B type installs additional spring imprison device, C type is extended structure.



止回阀系列 Check Valve Series

全国免费热线：4001-899-439

H76X/H(DDCV)、H46X/H蝶式消声止回阀 H76X/H(DDCV), H46X/H Butterfly type Silencing Check Valve

概述

H76X/H (DDCV系列)型阀门主要由阀体、阀瓣(阀杆)及弹簧等结构组成,由于阀瓣的关闭行程短及弹簧作用可加强关闭效果,可减少水锤和水击声。H46X/H是法兰连接蝶型止回阀。这两种阀门主要用于给水系统,高楼建筑及工业区,其结构长度较一般的止回阀短,对有安装空间限制的场所最为便利。

主要技术性能(Main Performance Parameters)

型 号 Type	公称压力 PN (MPa) Nominal Pressure	试验压力Ps(MPa) Test Pressure		工作温度 (℃) Working Temperature		适用介质 Applicable Medium
	壳体Shell	密封Seal	硬密封 Seal hard	软密封 Seal softly		
H76X/H H46X/H	1.0	1.5	1.1	≤80	≤200	水油、水(蒸汽) 酸碱等介质 Water/oil, water(steam) Medium, such as acid and alkali, etc.
	1.6	2.4	1.8			
	2.5	3.8	2.8			
	4.0	6.0	4.4			

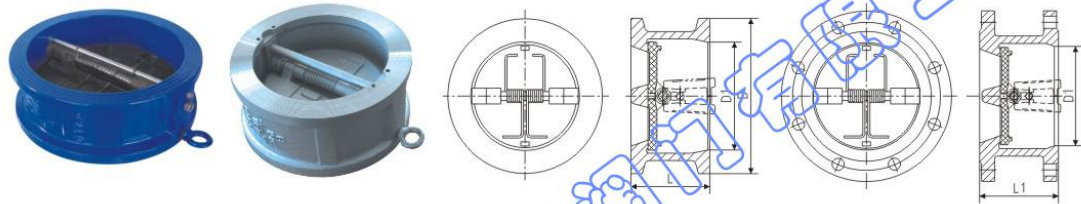
Overview

H76X/H (DDCV Series) Valves are mainly composed of body, disc (valve stem), spring and etc. The short closing stroke of disc and function of spring may strengthen closing effect and reduce the sound of water hammer and slamming. H46X/H are flange connection butterfly check valves. These two types of valves are mainly used in water supply system, high-rises and industrial zones. Thanks to their shorter structure length compared with ordinary check valves, they are especially applicable to space-restricted locations.

主要零件材质(Main Parts and Materials)

零件名称 Name	阀体、阀瓣 Valve Body Disc	阀杆 Valve Stem	扭力弹簧 Torsion Spring	密封面 Seal surface
材料 Material	碳素钢、不锈钢 铬钼钢、黄铜 Carbon steel, stainless steel, chromium molybdenum steel, brass	不锈钢 stainless steel	不锈钢 stainless steel	丁腈橡胶、不锈钢 聚四氟乙烯、尼龙塑料 NBR, stainless steel, PTFE, nylon plastics

结构示意图(Structure Diagram)



设计与应用标准

- 设计与制造标准:JB/T 8937-1999、API594-1991
- 连接法兰标准:JB/T 78-1994、JB/T 79-1994、GB/T 9113、GB/T 17241.6
- 结构长度标准:GB/T12221-2005、JB/T 8937-1999
- 检验与试验标准:JB/T9092-1999、API598-2004

Design and Application Standard

- design and manufacture standard: JB/T 8937-1999、API594-1991
- connecting flange standard: JB/T 78-1994、JB/T 79-1994、GB/T 9113、GB/T 17241.6
- end to end standard: GB/T12221-2005、JB/T 8937-1999
- test and inspection standard: JB/T9092-1999、API598-2004

主要外型连接尺寸(国标)Main External Dimensions and connecting Dimensions(GB)

DNmm	L1mm	L2mm	L3mm	D1mm	D(mm)			
					PN10	PN16	PN25	PN40
40	33			55	92	92	92	92
50	43	60		65	108	108	108	108
65	46	67		80	128	128	128	128
80	64	73		95	142	142	142	142
100	64	73		110	162	162	168	168
125	70	86		141	192	192	194	194
150	76	98	152	168	218	218	224	224
200	89	127	165	219	273	273	284	291
250	114	146	178	273	328	328	341	353
300	114	181	190	324	378	384	401	418
350	127	184	216	356	438	444	458	475
400	140	191	222	418	489	496	515	547
450	152	203	229	467	539	556	-	-
500	152	219	267	526	594	618	-	-
600	178	222	292	626	696	732	-	-
700	229	305	318	725	811	802	-	-
800	241	305	330	820	918	912	-	-
900	241	368	410	920	1018	1012	-	-
1000	300	432	470	1025	1124	1125	-	-
1200	350	524		1225	1338	1340	-	-

止回阀系列 Check Valve Series

全国免费热线：4001-899-439

H76型对夹双瓣旋启式止回阀连接尺寸(美标) Connection sizes to H76 dual plate swing type wafer check valve(API)

压力级 class	口径DN		尺寸(mm)Sizes(mm)				重量 Weight (kg)	配管法兰 (供参考) Piping flange (only for reference)					
	in	mm	L	D	D3	D2		螺栓孔中 心圆直径D1 Bolt holes circle diameter	螺栓数量 Bolt holes qty	螺栓孔径 in Bolt hole diameter	螺纹直径 d mm Thread diameter	螺栓长度L1 Bolt length	
Calss 150 PN2.0 (Mpa)	2	50	60	103	56	51	2	120.5	4	3/4	M16	140	155
	2	65	67	122	73	65	3	139.5	4	3/4	M16	150	165
	3	80	73	135	88	80	4	152.5	4	3/4	M16	160	175
	4	100	73	173	108	102	6	190.5	8	3/4	M16	170	185
	5	125	86	195	132	127	8	216	8	7/8	M20	190	205
	6	150	98	220	160	152	13	241.5	8	7/8	M20	205	220
	8	200	127	277	210	203	25	298.5	8	7/8	M20	240	255
	10	250	146	337	266	254	39	362	12	1	M24	270	285
	12	300	181	407	310	305	64	432	12	1	M24	310	325
	14	350	184	448	355	350	85	476	12	1 1/8	M27	325	340
	16	400	191	512	405	400	114	540	16	1 1/8	M27	340	355
	18	450	203	547	455	450	138	578	16	1 1/4	M30	365	380
	20	500	219	604	505	500	163	635	20	1 1/4	M30	385	400
	24	600	222	715	605	600	285	749.5	20	1 3/8	M33	405	420
	28	700	305	773	700	700	340	795.5	40	7/8	M20	455	-
	30	750	305	824	750	746	425	846	44	7/8	M20	455	-
	32	800	305	878	800	796	560	900	48	7/8	M20	460	-
	36	900	368	983	910	898	640	1009.5	44	1	M24	540	-
	42	1050	432	1142	1055	1050	960	1171.5	48	1 1/8	M27	625	-
	48	1200	524	1320	1205	1200	1400	1335	44	1 1/4	M30	740	-
Calss 300 PN5.0 (Mpa)	2	50	60	110	58	51	3	127	8	3/4	M16	155	175
	2	65	67	128	73	65	4	149	8	7/8	M20	175	195
	3	80	73	147	88	80	6	168.5	8	7/8	M20	190	210
	4	100	73	179	108	102	8	200	8	7/8	M20	195	215
	5	125	86	214	132	127	15	235	8	7/8	M20	215	235
	6	150	98	249	160	152	18	270	12	7/8	M20	230	250
	8	200	127	305	210	203	31	330	12	1	M24	280	300
	10	250	146	359	266	254	51	387.5	16	1 1/8	M27	315	335
	12	300	181	420	310	305	83	451	16	1 1/4	M30	365	385
	14	350	222	483	355	350	117	514.5	20	1 1/4	M30	410	430
	16	400	232	537	405	400	190	571.5	20	1 3/8	M33	435	455
	18	450	264	594	455	450	200	628.5	24	1 3/8	M33	475	495
	20	500	292	652	505	500	265	686	24	1 3/8	M33	510	535
	24	600	318	772	608	600	410	813	24	1 5/8	M39	560	585
	30	750	368	882	740	735	660	921	36	1 1/2	M36	650	-
	36	900	483	1044	880	873	1020	1089	32	1 3/4	M42	800	-
	42	1050	568	1196	1045	1035	1540	1245	36	1 7/8	M45	920	-
	48	1200	629	1365	1190	1179	2260	1416	40	2	M48	1010	-



止回阀系列 Check Valve Series

全国免费热线：4001-899-439

H76型对夹双瓣旋启式止回阀连接尺寸(美标) Connection sizes to H76 dual plate swing type wafer check valve(API)

压力级 class	口径DN		尺寸(mm)Sizes(mm)				重量 Weight (kg)	配管法兰 (供参考) Piping flange (only for reference)					
	in	mm	L	D	D3	D2		螺栓孔中 心圆直径D1 Bolt holes circle diameter	螺栓数量 Bolt holes qty	螺栓孔径 in Bolt hole diameter	螺栓直径 d mm Thread diameter	螺栓长度L1 Bolt length	
Calss 600 PN11.0 (Mpa)	2	50	60	110	56	51	4	127.0	8	3/4	M16	175	180
	2	65	67	128	73	65	5	149.0	8	7/8	M20	195	200
	3	80	73	147	88	80	8	168.5	8	7/8	M20	210	215
	4	100	79	191	108	102	11	216.0	8	1	M24	235	240
	5	125	105	239	132	127	20	267.0	8	1 1/8	M27	280	285
	6	150	136	264	160	152	26	292.0	12	1 1/8	M27	320	325
	8	200	165	318	210	203	55	349.0	12	1 1/4	M30	370	375
	10	250	213	398	266	254	103	432.0	16	1 3/8	M33	440	445
	12	300	229	455	310	305	140	489.0	20	1 3/8	M33	460	465
	14	350	273	490	355	350	223	527.0	20	1 1/2	M36	520	525
	16	400	305	562	405	400	360	603.0	20	1 5/8	M39	575	580
	18	450	362	610	455	450	395	654.0	20	1 3/4	M42	650	655
	20	500	368	680	505	500	518	724.0	24	1 3/4	M42	670	680
	24	600	438	786	605	600	836	838.0	24	2	M48	780	790
Calss 900 PN15.0 (Mpa)	2	50	70	140	56	51	8	165.0	8	1	M24	225	230
	2	65	83	162	73	65	11	190.5	8	1 1/8	M27	250	255
	3	80	83	165	88	80	14	190.5	8	1	M24	240	245
	4	100	102	204	108	102	20	235.0	8	1 1/4	M30	285	290
	5	125	110	245	132	127	30	279.5	8	1 3/8	M33	310	315
	6	150	159	286	160	152	45	317.5	12	1 1/4	M30	365	370
	8	200	206	356	210	203	84	393.5	12	1 1/2	M36	440	445
	10	250	241	432	266	254	145	470.0	16	1 1/2	M36	490	495
	12	300	292	495	310	305	220	533.5	20	1 1/2	M36	560	565
	14	350	356	518	355	350	350	559.0	20	1 5/8	M39	645	655
	16	400	384	572	405	400	470	616.0	20	1 3/4	M42	685	695
	18	450	451	635	455	450	605	686.0	20	2	M48	790	805
	20	500	451	695	505	500	820	749.5	20	2 1/8	M52	810	825
	24	600	495	835	605	600	1050	901.5	20	2 5/8	M64	945	965
Calss 1500 PN26.0 (Mpa)	2	50	70	140	56	51	8	165.0	8	1	M24	225	230
	2	65	83	162	73	65	11	190.5	8	1 1/8	M27	250	255
	3	80	83	172	88	80	19	203.0	8	1 1/4	M30	270	275
	4	100	102	207	108	102	26	241.5	8	1 3/8	M33	310	315
	5	125	110	252	132	127	51	292.0	8	1 5/8	M39	370	375
	6	150	159	280	160	152	68	317.5	12	1 1/2	M36	430	440
	8	200	206	350	210	203	130	393.5	12	1 3/4	M42	510	520
	10	250	241	433	266	254	210	482.5	12	2	M48	600	610
	12	300	292	518	310	305	384	571.5	16	2 1/8	M52	695	715
	14	350	356	576	355	350	550	635.0	16	2 3/8	M56	775	800
	16	400	384	639	405	400	635	705.0	16	2 5/8	M64	850	880

止回阀系列 Check Valve Series

全国免费热线：4001-899-439

对夹双瓣旋启式止回阀 H76 lug wafer type dual plate swing check valve

概述

本阀系列阀门主要由阀体、阀瓣、阀杆及弹簧等结构组成。由于阀体的结构短、重量轻，阀瓣关闭行程短关闭迅速，减少水锤水击等特点。所以被广泛应用于化工、医药、食品、市政水力等行业的给排水系统中。

主要技术特点

- 1、结构长度短、体积小、重量轻。
- 2、阀瓣行程短，关闭迅速，减小水锤、水击压力。
- 3、流通通畅阻力小，动作灵敏，密封性能好。
- 4、水平或垂直安装均可，安装方便。

主要技术性能(Main Performance Parameters)

试验压力 Test Pressure	公称压力(Mpa) Nominal pressure				压力级(Class)		
	1.0	1.6	2.5	4.0	150	300	600
壳体试验压力 Test pressure of the shell	1.5	2.4	3.75	6.0	3.1	7.8	15.3
密封试验压力 Sealed test pressure	1.1	1.76	2.75	4.4	2.2	5.6	11.2
适用温度 Suitable temperature	正常normal 10℃~135℃ 高温可根据要求特殊制造 high tempt. can be designed according to customer's requirement						
适用介质 Suitable medium	水、空气、天然气、煤气、蒸汽 water, air, natural gas, coal gas, steam						

结构示意图(Structure Diagram)



主要零件材质(Main Parts and Materials)

零件名称 Name	阀体、阀瓣 Body/Disc	阀杆 Stem	扭力弹簧 Torsion spring	密封面 Seal surface
材料 Material	碳钢、不锈钢、 铬钼钢、黄铜 Carbon steel, stainless steel Chromim moly bdenum steel, brass	不锈钢 Stainless steel	不锈钢 Stainless steel	丁晴橡胶、不锈钢、 聚四氟乙烯、 尼龙塑料 NBR, stainless steel, PTFE, nylon plastics

Overview

This valve is mainly composed of body, disc, stem, spring, etc. due to the short structure and light weight of body, the closing stroke of disc is short and closes rapidly, thus to reduce the sound of water hammer and slamming.

Main features

- 1.Short structure length. Small volume. Light weight.
- 2.Short stroke of disc and rapid closing enables to reduce the pressure of water hammer and water impact.
- 3.Small resistance in passage. Flexible action. Tight sealness.
- 4.Horizontal and verticle installation. Convenient installation.

设计与应用标准(Design and Application Standard)

- 1、设计与制造标准:API594、API6D、JB/T8397
- 2、连接法兰标准:JB/T74-90、GB/T9112-9124、HG20592-20635 SH3406、ANSI B 16.5、GB/T13402、API605、ASME B 16.47
- 3、结构长度标准:JB/T8937、API594、API6D、GB/T12221
- 4、检验与实验标准:JB/T9092-1999
- 1、design and manufacture standard: API594、API6D、JB/T8397
- 2、connecting flange standard: JB/T74-90、GB/T9112-9124、HG20592-20635 SH3406、ANSI B 16.5、GB/T13402、API605、ASME B 16.47
- 3、end to end standard: JB/T8937、API594、API6D、GB/T12221
- 4、test and inspection standard: JB/T9092-1999

主要外形及安装尺寸(Main external installation size)

DN mm	L mm	L1 mm	D1 mm	Dmm				Dmm (Class)		
				PN10	PN16	PN25	PN40	150	300	600
40	33	106	55	92	92	92	92	PN2.0	PN5.0	PN11.0
50	43	108	65	107	107	109	109	60	60	60
65	46	112	80	127	127	129	129	67	67	67
80	64	114	95	142	142	144	144	73	73	73
100	64	127	110	162	162	170	170	73	73	79
125	70	140	141	192	192	198	198	86	86	105
150	76	140	168	217	217	228	228	98	98	136
200	89	152	219	272	272	288	293	127	127	165
250	114	165	273	325	325	343	355	146	146	213
300	114	178	324	377	377	403	420	181	181	229
350	127	190	356	437	437	460	480	184	222	273
400	140	216	418	490	490	520	549	191	232	305
450	152	222	467	540	540			203	264	362
500	152	229	526	595	595			219	292	368
600	178	267	626	690	690			222	318	438
700	229	292	725	800	800			305	368	505
800	241	318	820	905	905			305	368	505
900	241	330	920	1005	1005			368	483	635
1000	300	410	1025	1115	1115			432	568	701



止回阀系列 Check Valve Series

全国免费热线：4001-899-439

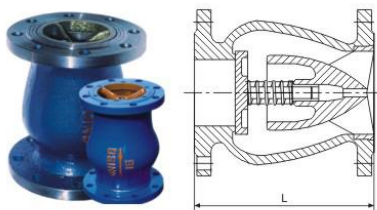
HC42T/X(DRVZ、DRVG)静音式止回阀、CVKR型静音式止回阀 HC42T/X(DRVZ, DRVG) quiet sound type check valve, CVKR type quiet sound type check valve

概述

HC42T/X静音止回阀主要由阀体、阀座、导流体、阀瓣、导向套和压缩弹簧等零件组成。内部流道采用流线型，压力损失小，阀瓣行程较短，停泵能快速关闭，防止水锤水击的发生，达到静音的效果。

CVKR型大口径静音止回阀采用符合水利学的轮廓设计，取得最佳的流线型水路，内部付有导流体设计能保证最小压力损失。本系列阀门主要用于给排水、消防、暖通、化工、电厂、冶金石化等系统，一般安装在水泵的出口处，以防倒流及水锤对泵的损害。

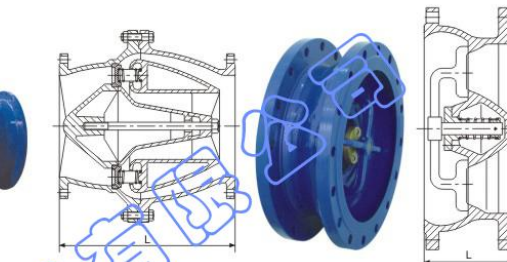
结构示意图(Structure Diagram)



Overview

HC42T/X noiseless check valves are mainly composed of body, seat, diffuser, disc, guide sleeve and compression spring etc. Featured by streamline channel, little pressure loss, short disc stroke, quick close upon stopping pump, they function to avoid the production of water hammer and slamming for noiseless effect.

CVKR large-caliber noiseless check valve is designed to a profile in accordance with hydraulics, provided with excellent streamline waterway, and diffuser inside to ensure minimum pressure loss. This series of valves are mainly used in the systems of water supply and drainage, fire control, ventilation, chemicals, power plant, metallurgy and petrochemicals etc. Usually mounted at pump outlet to prevent pump from damage caused by back flow and water hammer.



设计与应用标准

- 设计与制造标准:GB/T 12233-2006、GB/T 12235-2007、GB/T 12224-2005
- 连接法兰标准:JB/T 78-1994、JB/T 79-1994、GB/T 9113、GB/T 17241.6
- 结构长度标准:GB/T 12221-2005、厂标
- 检验与试验标准:JB/T 9092-1999

主要外形尺寸及连接尺寸 Main External Dimensions and connecting Dimensions

DN	型号Type	L	DN	型号Type	L
15	DRVZ-0015	95	15	CVKR-300	180
20	DRVZ-0020	95	20	CVKR-350	184
25	DRVZ-0025	100	25	CVKR-400	191
32	DRVZ-0032	105	32	CVKR-450	203
40	DRVZ-0040	120	40	CVKR-500	219
50	DRVZ-0050	120	50	CVKR-600	222
65	DRVZ-0065	150	65	CVKR-700	280
80	DRVZ-0080	180	80	CVKR-800	356
100	DRVZ-0100	210	100	CVKR-900	368
125	DRVZ-0125	275	125	CVKR-1000	432
150	DRVZ-0150	300	150	CVKR-1200	524
200	DRVZ-0200	380	200	CVKR-1400	635
250	DRVZ-0250	430	250	CVKR-1600	690
300	DRVZ-0300	457	300	CVKR-1800	850
350	DRVZ-0350	533	350	DRVG-0700	1150
400	DRVZ-0400	572	400	DRVG-0800	1300
450	DRVZ-0450	610	450	DRVG-0900	1450
500	DRVZ-0500	610	500	DRVG-1000	1600
600	DRVZ-0600	/	600	DRVG-1000	1600
700			700	CVKR-1200	1900

Design and Application Standard

- 设计与制造标准:GB/T 12233-2006、GB/T 12235-2007、GB/T 12224-2005
- 连接法兰标准:JB/T 78-1994、JB/T 79-1994、GB/T 9113、GB/T 17241.6
- 结构长度标准:GB/T 12221-2005、厂标
- 检验与试验标准:JB/T 9092-1999

主要性能参数(Main Performance Parameters)

型号 Type	公称压力MPa Nominal Pressure	密封试验压力 Seal Test Pressure	试验测试压力 Experiement Test Pressure
HC42T/X (DRVZ、DRVG) CVKR	1.0	1.1	1.5
	1.6	1.76	2.4
	2.5	2.75	3.75
适用介质 Applicable Medium	水、海水、污水、油品等 Water, Sea water, sewage, oil, etc.		
工作温度(°C) Working Temperature	0 ~ 80℃		

主要零件材质(Main Parts and Materials)

零件材质 Parts and Materials	阀体、导流体 Valve Body Lead fluids	阀瓣、轴阀座 Disc axle valve seat	弹簧 Spring
材料 Material	灰铸铁、球墨铸铁 碳钢 Gray casting iron, Spheroidal Graphite Cast iron, Carbon steel	铝青铜 或铬不锈钢 Aluminium bronze or chromium stainless steel	不锈钢 Stainless Steel

止回阀系列 Check Valve Series

全国免费热线：4001-899-439

H41X、HB41X、H7B41XT消声止回阀，XH34X旋启式消声止回阀 H41X,HB41X,H7B41XT silencing check valve, XH34X swing silencing check valve

概述

H41系列消声止回阀是用于供水系统中防止管路中的介质从相反方向流动的一种自动阀门，他应用在不允许介质倒流的管路上。能消除阀门关闭时的水锤冲击，无振动和噪声。

Overview

H41 series silencing check valves are automatic valves used in water supply system to prevent the medium in pipeline from back flow. They are used in pipeline that doesn't allow back flow of mediums, functioning to eliminate the water hammer upon closing, without vibration and noise.

H41X结构示意图(Structural Diagram)



主要技术性能(Main performance parameter)

型号 Type	公称压力 Nominal pressure	密封试验压力 Sealed test pressure	强度试验压力 Test pressure of the intensity
H41X	1.0Mpa	1.1Mpa	1.5Mpa
HB41X	1.6Mpa	1.76Mpa	2.4Mpa
H7B41X	2.5Mpa	2.75Mpa	3.75Mpa

H41X主要外型尺寸(H41X Main size)

DN	L1	L2	L3
15	80	95	95
20	80	95	95
25	85	100	100
32	90	105	105
40	100	110	115
50	110	120	125
65	130	130	145
80	140	140	155
100	160	160	175
125	180	178	200
150	203	203	225
200	230	248	275
250	250	311	325
300	325	350	375
350	350	380	425
400	405	410	475
450	430	432	540
500	457	720	
600	510	800	
700	610		

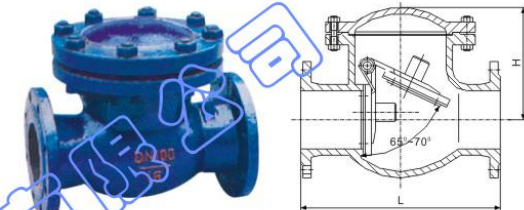
概述

XH34X型旋启式消声止回阀适用于给水压力管道和高层建筑采用高水位水箱（水塔）、气压供水设备的加压泵站，由于采用消声器装置，在管路里的介质回流时，用以消除了关闭阀门和停泵水锤和噪声。

Overview

XH34X swing silencing check valves are applicable for water supply pressure pipeline, and pressurization pump station using high water level tank (tower), as well as pneumatic water supply equipment in high-rises. Its silencing device functions to eliminate the water hammer and noise upon closing valve and stopping pump when the mediums in pipeline are in back flow.

XH34X结构示意图(Structural Diagram)



设计与应用标准(Design and Application Standard)

- 设计与制造标准:GB/T 12233-2006、GB/T 12235-2007、GB/T 12236-2008、GB/T 13932-1992
 - 法兰连接标准:JB/T 78-1994、JB/T 79-1994、GB/T 9113、GB/T 17241.6
 - 结构长度标准:JB/T 12221-2005、厂标
 - 检验与试验标准:JB/T 9092-1999
- 设计与制造标准:GB/T 12233-2006、GB/T 12235-2007、GB/T 12236-2008、GB/T 13932-1992
 - 连接法兰标准:JB/T 78-1994、JB/T 79-1994、GB/T 9113、GB/T 17241.6
 - 结构长度标准:JB/T 12221-2005、厂标
 - 检验与试验标准:JB/T 9092-1999

主要零件材质(Main part material)

零件名称 Name	阀体 Valve body	阀瓣、轴阀座 Disc, axle valve seat	弹簧 Spring	密封垫 Gasket
材料 Material	灰铸铁 球墨铸铁、碳钢 Gray casting iron, spheroidal Graphite Cast iron, Carbon steel	铝青铜或 铬不锈钢 Aluminium bronze or chromium stainless steel	不锈钢 Stainless steel	橡胶(天然橡胶) 75% Rubber

XH34X旋启式消声止回阀主要外型尺寸 XH34X Main appearance size of swing type silencing check valve

公称通径DN Nominal diameter	外型尺寸 (mm) Size of appearance			
	L	H (Mpa)		
		1.0(Mpa)	1.6(Mpa)	2.5(Mpa)
80	310	205	205	220
100	350	205	205	230
125	400	240	240	240
150	480	260	260	305
200	500	330	330	372
250	550	355	355	400



止回阀系列 Check Valve Series

全国免费热线：4001-899-439

HC44X(SFCV系列)橡胶瓣逆止阀 HC44X and SFCV Rubber Disc Non-return Valve

概述

橡胶瓣逆止阀主要由阀体、阀盖及橡胶瓣三种主要零件组成。其中橡胶瓣由钢板、钢棒及强化尼龙布做衬底，外层包覆橡胶制成，阀瓣开关寿命可达100万次。该阀采用全流面积式(FULL FLOW AREA)，具有水头损失小，不易堆积杂物，维修简便等特性。

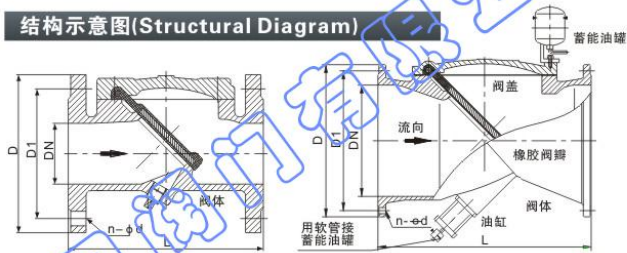
该阀主要适用于给排水系统，可安装于水泵出水口处，以防止倒流及水锤对泵的损害。该阀还可以安装在进水管的旁通管上，以防止池水倒流至给水系统中。

主要性能参数(Main Performance Parameters)

最高工作压力(MPa) Max. working pressure	密封试验压力(MPa) Seat Test Pressure	阀体试验压力(MPa) Valve Test Pressure
1.0	1.1	1.0
1.6	1.8	2.4



结构示意图(Structural Diagram)



设计与应用标准

- 设计与制造标准:GB/T12236-2008、GB/T 13932-1992
- 连接法兰标准:JB/T 78-1994、JB/T 79-1994、GB/T 9113、GB/T 17241.6
- 结构长度标准:GB/T12221-2005
- 检验与试验标准:JB/T9092-1999

主要外型尺寸(结构长度按GB/T12221-2005-10/12标准) Main External Dimensions(end to end as per GB/T12221-2005-10/12 standard)

型号Type	DN	L1	L2	D		D1		n-φd	
				1.0MPa	1.6MPa	1.0MPa	1.6MPa	1.0MPa	1.6MPa
GHC44X-0050	50	203	203	160	160	125	125	4-18	4-18
GHC44X-0065	65	216	216	180	180	145	145	4-18	4-18
GHC44X-0080	80	241	241	195	195	160	160	4-18	8-18
GHC44X-0100	100	292	292	215	215	180	180	8-18	8-18
GHC44X-0125	125	330	330	245	245	210	210	8-18	8-18
GHC44X-0150	150	355	356	285	285	240	240	8-23	8-23
GHC44X-0200	200	457	495	335	335	295	295	8-23	12-23
GHC44X-0250	250	533	622	390	405	350	355	12-23	12-25
GHC44X-0300	300	610	698	440	460	400	410	12-23	12-25
GHC44X-0350	350	686	787	500	520	460	470	16-23	16-25
GHC44X-0400	400	762	813	565	580	515	525	16-25	16-30
GHC44X-0450	450	864	914	615	640	565	585	20-25	20-30
GHC44X-0500	500	914	978	670	705	620	650	20-25	24-34
GHC44X-0600	600	1067	1295	780	840	725	770	20-30	20-41
GHC44X-0700	700	1150	1448	895	910	840	840	24-30	24-41
GHC44X-0800	800	1300	1448	1015	1025	950	950	24-33	24-41
GHC44X-0900	900	1420		1115				28-33	
GHC44X-1000	1000	1530		1230				32-41	

注:DN350以上可以用上缓闭油缸，也可以不用。Note: slow shut oil cylinder is optional for DN400 or over.

止回阀系列 Check Valve Series

全国免费热线：4001-899-439

QH41X滑动滚球型止回阀、QH44X微阻、QH45X无磨损球型止回阀 QH41X, QH44X, QH45X slideway, hinders and no worn ball type check valve

概述

球型止回阀系列主要用于给排水管道上，安装在水泵的出口，用来截止水倒流，防止水泵倒转,确保管网正常运行，并有消除水锤的功能，是用来防止管道中的液体逆向流动的理想装置。

主要性能参数(Main Performance Parameters)

型号 Type	公称压力 (MPa) Nominal Pressure	试验压力Ps(MPa) 壳体 Shell	Test Pressure 密封 Seal	工作温度(℃) Working Temperature	适用介质 Applicable Medium	HQ44X、HQ45X、QH41X中的HQ表示球型止回阀，44、45分别表示法兰连接单球式和多球式，41表示法兰连接升降式，X表示密封材料为丁腈橡胶。For HQ44X, HQ45X and QH41X, HQ stands for ball check valves, 44 and 45 respectively for flange connection single ball type and multi ball type, 41 for flange connection lift type, and X for NBR used as sealing material.
					水、污水、海水、弱酸、油品等 Water, sewage, sea water, weak acid, oil, etc.	
1 HQ44X 5	1.0	1.5	1.1	≤80		
	1.6	2.4	1.76			

结构示意图(Structure Diagram)



QH41X



QH44X



QH45X DN<500



QH45X DN>500

主要零件材质(Main Parts and Materials)

零件材质 Parts and Materials	阀体、阀盖 Valve body, Bonnet	球体 Ball
材料 Material	灰铸铁、铸钢、球墨铸铁 Gray casting iron, Cast steel, Spheroidal Graphite Cast Iron	碳钢+NBR Carbon steel + NBR

设计与应用标准(Design and Application Standard)

- 设计与制造标准:GB/T 12236-2008、GB/T 13932-1992
- 连接法兰标准:JB/T 78-1994、JB/T 79-1994、GB/T 9113、GB/T 17241.6
- 结构长度标准:GB/T12221-2005、厂标
- 检验与试验标准:JB/T9092-1999

- 设计与制造标准:GB/T 12236-2008、GB/T 13932-1992
- 连接法兰标准:JB/T 78-1994、JB/T 79-1994、GB/T 9113、GB/T 17241.6
- 结构长度标准:GB/T12221-2005、厂标
- 检验与试验标准:JB/T9092-1999、API598-2004

主要外型连接尺寸 (Main External Dimensions and connecting Dimensions)

公称通径DN Nominal Pressure	QH41X			QH44X			公称通径DN Nominal Pressure	QH45X		
	L	H	重量Weight	L	H	重量Weight		L	H	重量Weight
40	165	170	15	180	180	11	300	550	580	260
50	180	186	17	180	180	12	350	600	650	380
65	200	200	19	216	200	18	400	650	715	420
80	260	220	27	241	210	23	450	864	810	505
100	300	250	34	290	230	35	500	914	1000	780
125	330	300	43	325	260	42	600	1067	1120	1050
150	356	357	61	350	300	72	700	1250	1300	
200	457	450	103	450	370	106	800	1354	1450	
250	530	500	148	500	430	170	900	1420	1550	
300	610	620	232	550	500	190	1000	1530	1750	
350	686	700	/	600	550	260	1200	1645	1850	
400	762	730	/	650	615	370	1400	1700	2180	
/	/	/	/	/	/	/	1600	1800	2550	
/	/	/	/	/	/	/	1800	2000	2750	
/	/	/	/	/	/	/	2000	2160	3050	

注: B型 II 是另加人孔型,长度按客户要求定作。NOTE: B TYPE II is with additional manhole, the length can be made as per customer's requirement



鸭嘴阀 Duckbill Valve

全国免费热线：4001-899-439

FRT(F、X、S)套接、法兰式系列橡胶鸭嘴阀 FRT(F、X、S)socket joint, flange type rubber duckbill valve

概述

橡胶鸭嘴阀外形呈“鸭嘴状”，是一种特殊结构的缓闭逆止阀，具有正向排流、反向止回功能。广泛应用于市政、水利、污水排放、城市排洪、沿海排放，能有效防止倒流和倒灌，形成喷速和扩散，具有缓冲、消音功能。

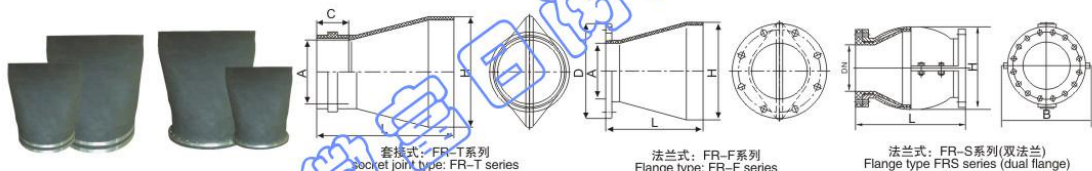
主要特点

- 1、工作性强，无需外加任何能源装置，减小运行成本。
- 2、本阀采用全橡胶材质，结构简单不产生腐蚀，无任何机械部件，不会引起淤积或杂质卡住等现象发生，降低维护成本。
- 3、防倒灌倒流效果好，密封可靠无渗漏。
- 4、具有很低的开启压力，可在静态下开启，最低反向密封压力为零。
- 5、阀体橡胶材料种类多，针对不同工况，采用不同的设计机理，可以适用不同的介质，应用范围广。
- 6、阀体本身的特别柔韧，保证在最大抗压程度的同时确保水力损失最小，达到排流性与抗压性的完美统一。
- 7、独特的设计允许固体颗粒顺利通过阀门，甚至可以利用自身的柔性将固体颗粒包裹住以保证密封。

阀体制作材料(Body material)

氯丁橡胶、丁晴橡胶、乙丙橡胶、氟橡胶neoprene rubber, NBR, ethylene propylene rubber, viton

结构示意图(Structure Diagram)



主要外形安装尺寸(Main external installation sizes)

管道外径 outside diameter of pipe	108	133	158	219	273	325	377	426	480	530	630	720	820	920	1020	1220	1420	1620	1820	2020	2224	2424	2632	2832	3040
长度(L)	195	232	270	326	360	450	560	650	750	850	950	1060	1200	1260	1450	1620	2010	2280	2600	2920	3150	3450	3760	3900	4250
高度(H)	170	190	230	310	380	460	540	620	700	780	940	1060	1220	1400	1550	1850	2160	2480	2780	3090	2410	3730	4040	4350	4680
套入深度 insert depth	40	50	50	50	75	115	115	135	150	200	200	200	250	250	250	300	350	400	450	500	550	600	650	700	

主要外形安装尺寸(Main external installation sizes)

管道公称直径 Nominal diameter pipeline	100	150	200	250	300	350	400	450	500	600	700	800	900	1000	1200
长度(L)	150	190	240	340	420	520	600	670	750	825	900	980	1040	1150	1400
高度(H)	47	42	97	147	197	247	297	344	394	444	494	530	594	694	894
法兰外径 (C) Flange diameter	225	275	338	400	485	525	588	625	688	800	969	1025	1150	1325	1488

主要外形安装尺寸(Main external installation sizes)

管道公称直径 Nominal diameter pipeline	100	150	200	250	300	350	400	450	500	600	700	800	900	1000	1200
长度(L)	220	320	440	600	700	880	1000	1120	1300	1420	1600	1800	2000	2300	2580
宽度(B)	120	160	190	250	320	380	460	520	560	620	680	780	900	1000	1125
高度(H)	150	200	280	360	420	480	540	600	660	760	880	980	1100	1200	1400

TEVX温控阀 Temperature-controlled valve

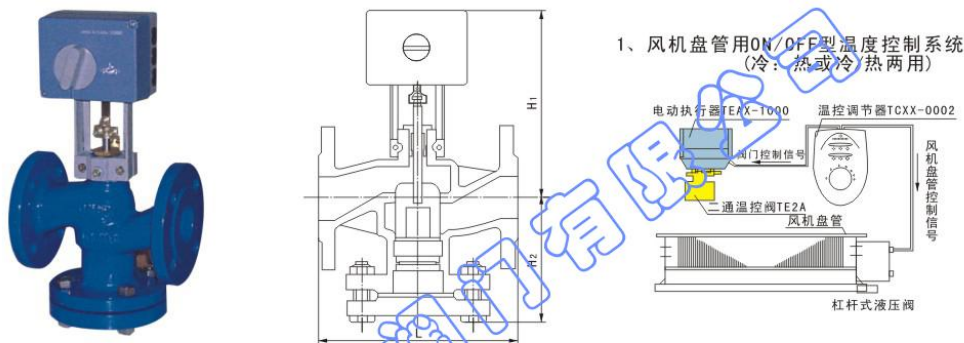
全国免费热线：4001-899-439

产品概述

TEVX温控阀，是一种利用热传感器及温控执行机构调节介质流量的智能型阀门。温控阀通常用于大型室内空调系统的末端支路，通过热传感器的传导将实际温度传递给温控执行机构，温控执行机构将信号转换成机械动作，调节阀门的开度，从而控制供热介质的流量，实现室内温度的调节和控制。该阀灵敏度高，温度调节准确，使用安全可靠。是一种节约能源、方便使用的新一代产品。

Summary of the products

TEVX temperature-controlled valve, it is a kind of intelligent valve utilizing the hot sensor and temperature-controlled executive body to regulate the flow of medium. The temperature-controlled valve is usually use for the end branch road of the full-length indoor air conditioner department, pass hot sensing The conducting of the device transmits actual temperature to the temperature-controlled executive body, the temperature-controlled executive body changes the signal into and changes mechanical movements, regulated the opening degree of the valve, thus controlled the flow of the heating medium, realized indoor temperature Regulate and control. This valve is high in sensitivity, the temperature control is accurate, it is safe and reliable to use. One thrift energy, convenient use new to support product.



技术参数 Technical parameter

公称通径directly Nominal: 50~150mm
公称压力Nominal pressure: 1.6MPa
温控范围Temperature-controlled range: 5℃~35℃
介质最高温度Medium maximum temperature: 120℃(高温需特殊要求)
适用介质Suitable medium: 水
法兰标准Flange standard: GB/T 17241.6 GB/T 9113
试验标准Experimental standard: GB/T 13927 API 598

主要零部件材料 Main Part Material

阀体 valve body	阀瓣Valve one	阀杆Valve stem	轴封 axle sealing	密封件Seal
球墨铸铁 Nodular cast iron	黄铜Brass	不锈钢 Stainless steel	黄铜Brass	聚四氟乙烯+丁腈橡胶O型密封圈 Polytetrafluoroethylene (PTFE) ring + the man nitrile rubber O type seal and enclose

主要外形和连接尺寸(mm) Main external add connection dimension

单位Unit:mm

DN	50	65	80	100	125	150
L	230	290	310	350	400	480
H1	217	286	291	467	477	497
H2	142	170	182	205	230	270



弹性座封闸阀系列 Flexible Seat Seal Gate Valve Series

全国免费热线：4001-899-439

Z41X、Z45X德标弹性座封闸阀 Z41X、Z45X DIN Flexible seat seal gate valve

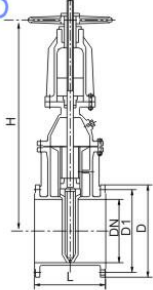
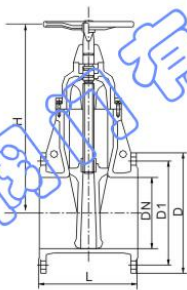
概述

弹性座封闸阀采用特种橡胶全包裹整体式弹性阀芯结构，和一般闸阀相比不存在漏水或生锈等现象。克服了它们普遍存在的密封不良、弹性疲劳、橡胶老化及密封副磨损生锈等缺陷。充分利用弹性密封产生微量变形的补偿作用达到良好的密封效果。可广泛用于供水、石化、冶金、船舶、食品医药及能源系统等流体管路上作为调节和截流装置使用。产品的结构长度符合德国标准DIN 3302-F4，法兰符合德国标准DIN 2532/2533。

主要技术性能(Performance Parameters)

公称压力 (Mpa) Nominal Pressure	试验压力(MPa) Test Pressure Ps		工作温度 Working Temperature	适用介质 Applicable Medium
	壳体 Shell	密封 Seal		
1.0	1.5	1.1	< 80 ℃	清水、污水、空气、油品 clean water, raw water, sewage, air and oil
1.6	2.4	1.76		

结构示意图(Structural Diagram)



主要外型尺寸及连接尺寸(Main External Dimensions and Connecting Dimensions)

公称通径 DN(mm) Nominal Diameter	外型尺寸 External Dimensions		法兰连接尺寸 Flange Connecting Dimensions				C
			D		D1		
	L	H	1.0MPa	1.6MPa	1.0MPa	1.6MPa	
40	140	276	150	150	110	110	152
50	150	296	165	165	125	125	170
65	170	330	185	185	145	145	170
80	180	343	200	200	160	160	203
100	190	372	220	220	180	180	203
125	200	463	250	250	210	210	229
150	210	480	285	285	240	240	229
200	230	603	340	340	295	295	229
250	250	729	395	405	350	355	337
300	270	774	445	460	400	410	337

弹性座封闸阀系列 Flexible Seat Seal Gate Valve Series

全国免费热线：4001-899-439

FRZ41X、FRZ45X 消防专用弹性座封闸阀 FRZ41X、FRZ45X Firefighting Resilient Seated gate valve

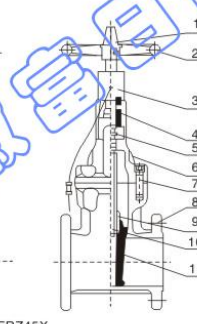
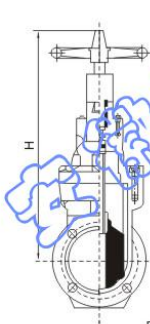
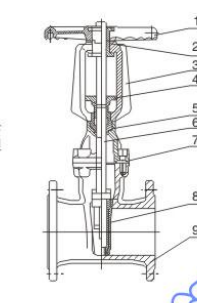
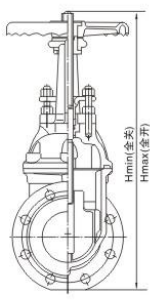
概述

本系列消防专用闸阀共分为两种，即消防专用明杆弹性座封闸阀和信号弹性座封闸阀。明杆弹性座封闸阀除具有弹性座封闸阀的优点之外，并可以较直观显示阀门开启程度，以便能在较远处判别阀门开度，及时采取相应措施，启闭迅速可靠：信号弹性座封闸阀常用于自动喷水消防管路系统中，来监控供水管路，可以远地指示阀门开度。

设计与应用标准

- 设计与制造标准:GB/T 12232-2005、GB/T 12234-2007
- 连接法兰标准:GB/T 17241.6、GB/T 9113
- 结构长度标准:GB/T12221-2005
- 检验与实验标准:JB/T9092-1999

结构示意图(Structural Diagram)



主要外型尺寸及连接尺寸(Main External Dimensions and Connecting Dimensions)

DN	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L	178	190	203	229	254	267	292	330	356	381	406	432	457	508
Hmin(全关Wide-close)	322	332	350	420	581	581	736	882	1009	1300	1380			
Hmax(全开Wide-open)	374	398	429	524	721	736	942	1013	1117	1655	1805			
H(全开Wide-open)	735	775	820	870	915	1003	1110	1265	1360	1550	1610	1900	1938	2120



Overview

This series firefighting gate valves are divided into two types. One is firefighting rising stem resilient seated gate valve, the other is non-rising stem one. Apart from the advantage of resilient seat, rising stem resilient seated gate valve shows valve openness visually, so staff can judge the openness in a relatively far distance, and take measures in time. Rapid and reliable open and close. Signal resilient seated gate valves usually are applied to auto sprinkler system to control water supply pipelines, thus to effect long distance indication of valve openness.

Design and Application Standard

- design and manufacture standard: GB/T 12232-2005、GB/T 12234-2007
- connecting flange standard: GB/T 17241.6、GB/T 9113
- end to end standard: GB/T12221-2005
- test and inspection standard: JB/T9092-1999

主要零件材质(Main Parts and Materials)

序号 No.	零件名称 Part	材质 Material
1	手轮 Handwheel	可锻铸铁 Malleable
2	阀杆螺母 Stem nut	铜合金 Copper alloy
3	支架 Support	灰铸铁、球墨铸铁、铸钢 Gray cast iron, ductile cast iron, cast steel
4	压盖 Gland	球墨铸铁、铸钢 Ductile cast iron, cast steel
5	密封圈 Seal ring	丁腈橡胶、三元乙丙 NBR, EPDM
6	阀杆 Stem	不锈钢 Stainless steel
7	密封垫 Gasket	丁腈橡胶、三元乙丙 NBR, EPDM
8	闸板 Wedge	球墨铸铁+三元乙丙或丁腈橡胶 Ductile iron + NBR or EPDM
9	阀体 Body	灰铸铁、球墨铸铁、铸钢 Gray cast iron, ductile cast iron, cast steel
10	传动帽 Driving cap	球墨铸铁、铸钢 Ductile cast iron, cast steel
11	防尘罩 Dust hood	塑料 Plastic
12	止推轴承 Locating bearing	锡青铜 Tin bronze
13	闸盖 Bonnet	灰铸铁、球墨铸铁、铸钢 Gray cast iron, ductile cast iron, cast steel
14	螺栓 Bolt	碳钢、不锈钢 Carbon steel, stainless steel
15	铜螺母 Nut	锡青铜 Tin bronze



平衡阀系列 Balance Valve Series

全国免费热线：4001-899-439

KPF-16平衡阀 KPF-16 Balance Valve

概述

KPF-16型平衡阀是一种具有特殊功能的阀门，具有良好的流量特性，能够合理分配流量，实现流量定量，可以有效的解决供热（空调）系统中存在的室温冷热不均匀问题。由于本阀门设有开启度指示、开度锁定装置及用于流量测定的测压小阀，所以只要在各支路及用户入口装上适当规格的平衡阀，并用专用智能仪表进行一次调试后锁定，将系统总水量控制在合理的范围内，从而克服“大流量，小温差”的不合理化现象。本阀是供热系统中的理想产品。

主要技术性能(Main technical feature)

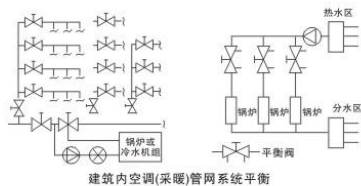
公称压力 (Mpa)	试验压力(MPa) Test pressure	工作压力(MPa) Working medium	工作介质 Working Temperature	工作温度℃ Working pressure
Nominal pressure	壳体 Shell	密封 Sealed	P20 P12	
1.6	2.4	1.76	1.5 1.6	水、蒸汽 Water, steam

设计与应用标准

- 设计与制造标准:CJ/T 25-1989、GB/T 12233-1989、GB/T 12235-1989
- 连接法兰标准:JB/T 78-1994、JB/T 79-1994
- 结构长度标准:GB/T 12221-2005、厂标
- 检验与试验标准:JB/T 9092-1999

主要外型尺寸(Main External Sizes)

公称通径DN Nominal Diameter	L短系列 Short series	L长系列 Long series	H	H1(最大开度) Max.Height	D0
15	130	130	150	160	80
20	150	150	160	170	80
25	160	160	182	197	80
32	180	180	192	207	90
40	200	200	250	270	100
50	203	230	264	284	120
65	216	290	360	410	200
80	241	310	413	448	200
100	292	350	446	506	240
125	330	400	540	595	240
150	356	480	623	688	360
200	457	495	687	762	400
250	533	622	782	867	500
300	610	698	914	1009	500
350	686	787	968	1073	680
400	762	914	1037	1152	680
500	864	978	1310	1440	
600	914	1295	1640	1790	
700	1000	1448			
800	1250	1956			



建筑内空调(采暖)管网系统平衡

Overview

KPF-16 balance valve is a kind of valve with special function and out standing flow characteristics. Capable of reasonably distribute flow and effect fixed quantity, it offers a virtual solution to the problem of disproportional room temperature existed in heat supply (air-conditioning) system. As this valve has opening indicator, opening lockup device and the small pressure measuring valve for flow measurement, balance valves of proper specifications should be mounted at the branches and user inlet meters, and locked after commissioning by a special intelligent instrument. All these are to maintain the total water quantity of the system within a reasonable range, thus to get away from the unreasonable phenomenon of large flow, small temperature difference. This valve is an ideal product for heat supply system.

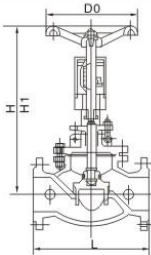
主要零件材质(Main Parts and Materials)

零件名称 Name	阀体、阀盖、阀瓣 Valve Body, Bonnet, Disc	阀杆密封 Sealing to valve stem	阀杆螺母 Valve stem nut	垫圈 Washer	填料 Packing
材料 Material	灰铸铁 Gray casting iron	不锈钢 Stainless Steel	铸铜 Cast the copper	XB200	膨胀石墨 Expansion graphite

Design and Application Standard

- Design and manufacture standard: CJ/T 25-1989、GB/T 12233-1989、GB/T 12235-1989
- Connecting flange standard: JB/T 78-1994、JB/T 79-1994
- End to end standard: GB/T 12221-2005、manufacturer standard
- Test and inspection standard: JB/T 9092-1999

结构示意图(Structural Diagram)

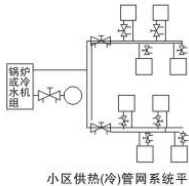


平衡阀安装使用事项

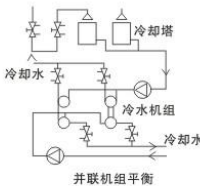
平衡阀的安装位置：平衡阀既可以安装在供水管上，也可以安装在回水管道上。我们建议安装在回水管道上，尤其对于高温环路为方便调试，更应安装在回水管路上，安装了平衡阀的供水管就不再设截止阀。

Installation & use tip:

Location of Balance Valve: balance valve not only can be mounted on the water supply pipeline, but also on back water pipeline. What we suggest is to mount it on the back water pipeline. Especially for high temperature pipeline, it is more necessary to be mounted on back water pipeline for easy commissioning. A supply pipeline or back water pipeline mounted with a balance valve doesn't need a check valve anymore.



小区供热(冷)管网系统平衡



并联机组平衡

平衡阀系列 Balance Valve Series

全国免费热线：4001-899-439

SP15、SP45数字锁定平衡阀 SP45 and SP15 Digital Lock Balance Valve

概述

本阀门是一种平衡阀，适用于各种液体管路系统，是一种较为理想的新型节能阀门，该阀设有刻度的数字显示，可调到任一位置，并可锁定。

本阀主要用于工业和民用建筑采暖管路系统。目前在一些管网系统中存在着水力失调问题，平衡阀提供了解决这一问题的手段，用它可以准确的压降和流量，用以改善管网系统中液体流动状况，达到管网液体平衡和节约能源的目的。在管网工程改造中，应用本阀仍可节约能源，得到较好的效果。

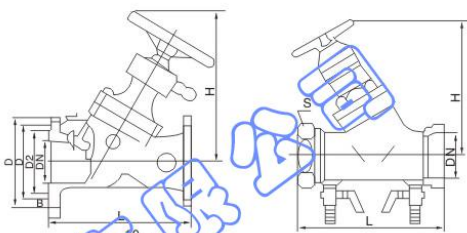


Overview

Applicable to pipeline system of various liquids, this balance valve is an ideal late-model energy-saving type provided with scale digital display which can be adjusted to any position and can be locked as well.

This valve is mainly used in heating pipeline system in industrial and civil constructions. Balance valve offers a solution to the problem of waterpower disorders existed in some pipeline system at present. It functions to accurately lower pressure and flow, and improve the flowing status of fluid inside pipeline system, thus to effect balance of fluid and economy of energy sources. This valve can also be used in pipeline reconstruction projects for effective economy of energy sources.

结构示意图(Structural Diagram)



流量特性曲线

下图为几种阀门的流量特性曲线，本厂生产的是其中的百分比特性曲线阀门。从曲线图上可以知道如果开度是一个相等的变化率，则流量的变化率相等，其特点是开度大时流量大，开度小时则流量小。而工程中大多在流量大时应用，等百分比阀门恰恰适用这种要求。根据第一特点，可以知道如果开度大时流量大，开度小时则流量小。而工程中大多在流量大时应用，等百分比阀门恰恰适用这种要求。根据第一特点，可以知道如果开度大时流量大，开度小时则流量小。而工程中大多在流量大时应用，等百分比阀门恰恰适用这种要求。

Flow Characteristic Graph

Below is the flow characteristic graphs for some valves. What we produce are valves of percentage characteristic graph. We may know from the graph that if opening is an equal rate of change, then the rate of change for flow is also equal. Its characteristic is that if opening is large, flow will be large, and if opening is small, then flow will be small.

However, they are mostly used for large flow in projects. Equi-percentage valves are just for this need. According to the first characteristic you may easily preset a certain flow (quick open and linear valves are not provided with this function). Plus, in case that change is needed, the quantity of change can be known to effect ideal state.

主要性能及使用规范(Performance and norm of using mainly)

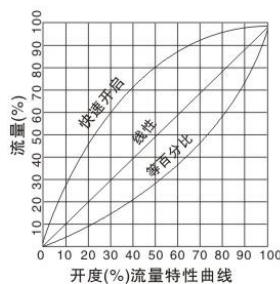
型号 Type	试验压力 Test pressure	工作压力 Working pressure	工作温度 Working temperature	适用介质 Applicable mediums	特性曲线 Characteristic curve	安装使用范围 Installation & use scope
SP15-10/16 SP45-10/16	2.4MPa	≤1.6MPa	≤120	水、油和其他液体 Water, oil and other liquid	等百分比 Equi-percentage	管网系统的主干、分支干、室内供水干管、分支立管及多台锅炉 Main & branch pipe of pipe network system, inside water supply pipe, vertical branch pipe,boiles

设计与应用标准

- 设计与制造标准:CJ/T 25-1989、GB/T 12233-2006、GB/T 12235-1989
- 连接法兰标准:JB/T 78-1994、JB/T 79-1994
- 结构长度标准:GB/T 12221-2005、厂标
- 检验与试验标准:JB/T 9092-1999

Design and Application Standard

- design and manufacture standard: CJ/T 25-1989、GB/T 12233-2006、GB/T 12235-1989
- connecting flange standard: JB/T 78-1994、JB/T 79-1994
- end to end standard: GB/T 12221-2005、manufacturer standard
- test and inspection standard: JB/T 9092-1999



SP45F型主要外型及连接尺寸

Sp45 type main appearance and connecting size

DN	L	H
32	180	230
40	200	242
50	230	250
65	280	260
80	310	329
100	350	340
125	400	424
150	450	454
200	550	517
250	622	573
300	698	617
350	787	705

SP15F型主要外型及连接尺寸

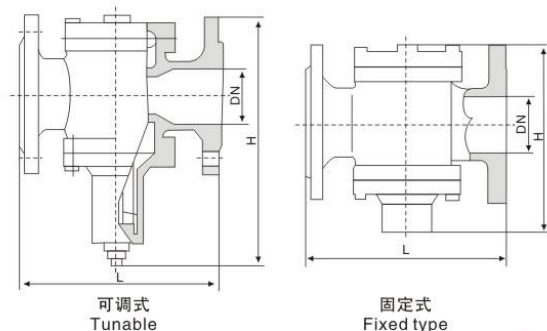
SP15F type appearance main and connecting size

DN	ZG	L	S	H	重量Kg
15	1/2"	100	27	128	1
20	3/4"	115	33	128	1.5
25	1"	125	46	130	1.8
32	1 1/4"	140	55	150	2
40	1 1/2"	160	55	187	2.5



ZYC型自力式压差控制阀 ZYC type self pressure differential control valve

全国免费热线：4001-899-439



产品特点及用途 Product features and uses

ZYC型自力式压差控制阀，是一种利用介质自身的压力变化进行自我控制而保持该被控系统介质压差不变的阀门。适用于供暖方式采用双管系统的压差控制，保证系统基本不变，降低噪音，平衡阻力，清除热网和水力失调。

ZYC type pressure control valve, is a kind of pressure change using the medium itself to control the pressure of the system to maintain the constant pressure of the valve. Applicable to heating the dual system of differential pressure control, ensure that the system is nearly constant, reducing noise and resistance balance, remove heat supply network and hydraulic imbalance.

主要技术参数 Main technical parameters

型号 Type	公称压力 Nominal pressure	壳体实验压力 Shell test pressure	压差控制范围 Differential pressure control range	
			定压差型 Constant pressure differential type	可调压差型 Adjustable differential pressure type
ZYC-16-H3T	1.6MPa	2.4MPa	10KPa,20KPa,30KPa	10~30KPa

主要外型尺寸（法兰连接尺寸按GB4216规定） Main dimensions (flange connection size according to GB4216 regulations)

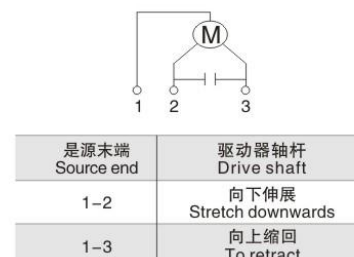
DN mm	连接方式 Connection mode	H(mm)		流量 Flow m ³ /h	适用介质 Applicable medium	介质温度 Medium temperature	主要零件材料 Main Part Material
		mm	定压差型 Constant pressure differential type	可调压差型 Adjustable differential pressure type			
15	螺纹 Thread	110	95	145	水 Water	0 ~ 120℃	阀体、上盖和下盖为铸铁 阀芯为铜 膜片为尼 龙强化橡胶、 弹簧为不锈钢 Valve body, upper cover and lower cover for cast iron, Spool for copper, Nylon reinforced rubber, Spring is stainless steel
20		110	110	150			
25		115	130	165			
32	法兰 Flange	130	140	190			
40		200	190	340			
50		215	205	355			
65		230	240	390			
80		275	300	500			
100		290	350	550			
125		310	380	580			

EDRV动态平衡电动调节阀 EDRV Dynamic Balance Electric Regulating Valve

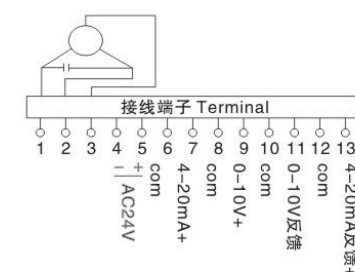
全国免费热线：4001-899-439



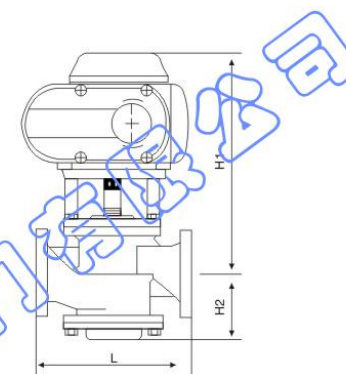
VA3100/V7100驱动器 Driver



VA3100/V7102驱动器 Driver



产品外观 Product Appearance



主要外形尺寸(Main External Dimensions)

产品型号 Product model	名称 Name	规格 Specifications	外形及安装尺寸 Outline and installation dimensions (mm)				
			L	H1	H2	D(Φ) 法兰 Flange	G螺纹 Thread
EDRV-16	二通 Two-way	DN25	160	165	70	/	G1
EDRV-16	二通 Two-way	DN32	180	275	110	/	G1-G1/4
EDRV-16	二通 Two-way	DN40	200	285	110	110	/
EDRV-16	二通 Two-way	DN50	230	290	120	125	/
EDRV-16	二通 Two-way	DN65	290	339	124	145	/
EDRV-16	二通 Two-way	DN80	310	348	150	160	/
EDRV-16	二通 Two-way	DN100	350	257	158	180	/
EDRV-16	二通 Two-way	DN125	400	379	193	210	/
EDRV-16	二通 Two-way	DN150	480	379	193	240	/
EDRV-16	二通 Two-way	DN200	425	715	295	295	/
EDRV-16	二通 Two-way	DN250	525	740	345	355	/
EDRV-16	二通 Two-way	DN300	630	870	480	410	/
EDRV-16	二通 Two-way	DN350	690	940	545	470	/



多喷孔多功能控制阀 Multi-functional Control Valve With Multi-jet Nozzle

全国免费热线：4001-899-439

FRH $\frac{3}{6}$ 42X - $\frac{10}{16}$ 多喷孔多功能控制阀
FRH $\frac{3}{6}$ 42X - $\frac{10}{16}$ Multi-functional control valve with multi-jet nozzle
FRH $\frac{3}{6}$ 42X - $\frac{10}{16}$ 流量调节阀
FRH $\frac{3}{6}$ 42X - $\frac{10}{16}$ Flow control valve

概述

本阀是最新型的控制阀，采用独特的设计方式，可消除水力能量，解决了一般控制阀所不能解决的气蚀和震动问题。本阀可调节或控制流量而没有任何操作限制。由于本阀稳定的水力操作原理，它可在任何可能的操作参数、最大的水流状态下，没有任何震动、噪音，甚至在此出口负压的情况下，也能操作。因此它可以同大型远程监控系统(PLC)配套使用，由此远程监控系统可以用时间模組进行监控、协调并操作配送管网系统中，解决了一般标准的旋转型或球型控制阀的一定程度的操作限制，保证配送管网系统的安全运行。本阀的驱动方式有：手动、气动、电动、液动。

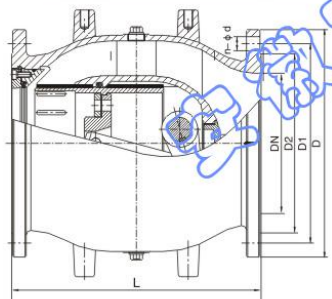
主要特点

- 1、消除水力能量：本阀是利用一个特殊速度导引装置，沿着套筒作水平运动，以保持各点压力一致。当经过各个喷孔喷出的所有水柱在阀中心轴线上相互对撞时，因各点喷孔处压力一致，水柱对撞后速度能量可完全消失。
- 2、消除震动、噪音与气蚀：本阀采用了先进的特殊设计技术，在喷嘴之前已将水头损失降低，同时将气蚀现象集中在套筒中心，并由水包围着，此时在水中产生的气泡很不稳定并在水中破裂，但不会在阀壁上破裂，由此可消除震动、气蚀、噪音，避免阀门的损坏。
- 3、无起动流速限制，即使有部份水流堵塞。
- 4、适合遥控或远程PLC监控系统，实现产品的自动化。
- 5、没有背压的需求，也可采用低水头损失型，可直接排放至大气中。
- 6、特殊的旋转式驱动，可减少多方面阻力束缚。

设计与应用标准

- 1、法兰连接标准：JB/T78-1994、JB/T79-1994、GB/T9113、GB/T 17241.6
- 2、结构长度标准：GB/T12221-2005、厂标
- 3、检验与试验标准：JB/T 9092-1999

结构示意图(Structural Diagram)



主要技术性能(Main technical parameter)

公称压力(Mpa) Nominal Pressure	试验压力Ps(Mpa) Test pressure		适用温度 Applicable Temperature	适用介质 Applicable Medium
	壳体 Shell	密封 Seal		
1.0	1.5	1.1	正常-10℃~135℃ 高温根据要求 normally -10℃~135℃ High temp. According to requirement	水、空气、天然气、煤气、蒸气 Water, Air, natural gas, coal gas, steam
1.6	2.4	1.76		
2.5	3.75	2.75		
4.0	6.0	4.4		
6.4	9.6	7.04		
10.0	15.0	11.0		

Overview

This valve is of a streamlined control valve with unique design. It can eliminate hydraulic energy, so to solve the cavitation erosion and vibration that happens to general control valve. The valve can adjust or control flow without any restriction. Due to its stable hydraulic operation principle, it will not cause vibration or noise in any possible operation parameter and max. flow status. It even can be operated in the state of negative pressure at outlet. Therefore, it can be used together with remote monitoring system (PLC). This system enables to monitor, coordinate and operate supply and transport pipeline system in a remote place on basis of time module. It solves the operation limitation of general rotating type or ball type control valve, and guarantees safe operation of supply and transport pipeline system.

Main features

1. Eliminate hydraulic energy: this valve uses a special velocity guide device to do horizontal movement along sleeve pipe, so to keep pressure the same at every point. When all the sprayed water column from the nozzles impact each other on the center line of valve, due to pressure at various points is the same before every jet nozzle, velocity energy completely disappeared after water column's clash.
2. Eliminate vibration, noise and cavitation erosion: this valve adopts advanced design technology to reduce velocity head before jet nozzle. Meanwhile, centerize cavitation erosion on sleeve center, and be surrounded by water. In this case, bubble in the water will be very unstable and broke in the water, but will not break on the valve wall. Therefore, it eliminates noise and vibration, and voids damage of valve.
3. No limitation to initial speed, even if part of current is blocked.
4. Suit to remote control or PLC monitor system, to realize product's automation.
5. No need of back pressure. Can adopt low water head loss type. Can discharge to atmosphere directly.
6. Special rotary drive to reduce limitation of resistance in many aspects.

Design and Application Standard

1. flange connect standard: JB/T78-1994、JB/T79-1994、GB/T9113、GB/T 17241.6
2. end to end standard: GB/T 12221-2005、manufacturer standard
3. test and inspection standard: JB/T 9092-1999

MAIN PARTS MATERIALS 主要零部件材质:

序号NO.	零件名称 Part name	零件材质 Part material
1	阀体 Body	铸钢、铸铁 Cast steel、Cast iron
2	活塞 Piston	不锈钢 Stainless steel
3	密封圈 Ring	NBR、EPDM
4	连杆 Connecting bar	不锈钢 Stainless steel
5	导轨 Guiding rail	铜合金 Copper alloy
6	曲柄 Crank	不锈钢 Stainless steel
7	驱动轴 Drive rod	不锈钢 Stainless steel

多喷孔多功能控制阀 Multi-functional Control Valve With Multi-jet Nozzle

全国免费热线：4001-899-439



蜗轮型多喷孔多功能控制阀
Worm multi-functional control valve with multi-jet nozzle



气动型多喷孔多功能控制阀
Pneumatic multi-functional control valve with multi-jet nozzle



电动型多喷孔多功能控制阀
Electric multi-functional control valve with multi-jet nozzle



压损系数K(Loss of pressure)

DN	100	125	150	200	250	300	350	400	450	500	600	700	800	900	1000	1200	1400	1600
扇叶式 fan blade type	1.6	3.0	2.7	2.0	2.1	2.2	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.3	1.1	1.1	1.1
鼠笼式 squirrel- cage	2.0	6.6	7.1	6.2	9.2	6.9	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5

更大口径根据要求设计
According to the design requirements of greater calibre

全开时的压头损失: $\Delta P = K \cdot \rho / 2 \cdot V^2$
公式中: ΔP 为压头损失, 单位 Pa。V 为流速, 单位 m/s。K 为压损系数。ρ 为密度, 单位 Kg/m³。
Pressure head loss when fully open: $\Delta P = K \cdot \rho / 2 \cdot V^2$
in formula: ΔP is pressure head loss, its unit is Pa. V is flow velocity, its unit is m/s. K is pressure loss coefficient. ρ is density, its unit is Kg/m³.

注意事项(Note)

- 1、建议阀前直管长度至少为3~5倍阀门的直径，下游直管长度至少为5~10倍阀门的直径。
- 2、作放空阀时，如直接排空，应加强法兰；如不直接排空，应在下游提供一吸气口。
- 1、Suggestion that the length of the straight pipe before the valve should be at least 3~5 times of the diameter of valve, while the length of straight pipe at downstream should be at least 5~10 times of valves' diameter
- 2、When it is functioned as atmospheric valve, flange should be strengthened if empty directly. If not empty directly, air entry should be offered in the downstream

主要外形尺寸(Main External Dimensions)

DN	L1 系列	L2 系列	L3 系列	D			D1			D2			n-Φd		
				PN10	PN16	PN25	PN10	PN16	PN25	PN10	PN16	PN25	PN10	PN16	PN25
100	300	300	400	215	215	230	180	180	190	155	155	160	8-18	8-18	8-23
125	325	325	400	245	245	270	210	210	220	185	185	188	8-18	8-18	8-25
150	350	350	450	280	280	300	240	240	250	210	210	218	8-23	8-23	8-25
200	400	400	550	335	335	360	295	295	310	265	265	278	2-23	12-23	12-25
250	500	450	650	390	405	425	350	355	370	320	295	332	12-23	12-25	12-30
300	600	500	750	440	460	485	400	410	430	368	375	390	12-23	12-25	16-30
350	700	550	850	500	520	550	460	470	490	428	435	448	16-23	16-25	16-34
400	800	600	950	565	580	610	515	525	550	482	485	505	16-25	16-30	16-34
450	900	650	1000	615	640	660	565	585	600	532	545	555	20-25	20-30	20-34
500	1000	700	1150	670	705	730	620	650	660	585	608	610	20-25	20-34	20-41
600	1200	800	1350	780	840	840	725	770	770	685	718	718	20-30	20-41	20-41
700	1400	900	1550	895	910	955	840	840	875	800	788	815	24-30	24-41	24-48
800	1600	1000		1010	1020	1070	950	950	990	905	898	930	24-34	24-41	24-48
900	1800	1100		1110			1050			1005			28-34		
1000	2000	1500		1220			1160			1115			28-34		
1200	2400	1800		1450			1380			1325			32-41		
1400	2800	2100		1675			1590			1525			36-48		
1600	3200	2400		1915			1820			1750			40-54		

更大口径根据要求设计 According to the design requirements of greater calibre

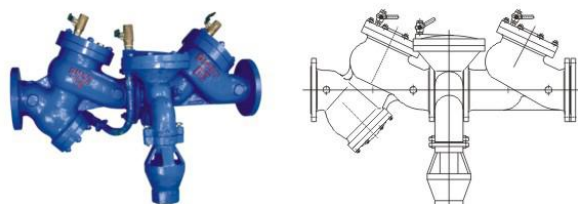


防污隔断阀(倒流防止器)系列
Cut Off The Series Of The Valve(The Flowing Backwards And Preventing Device)Antipollutionly

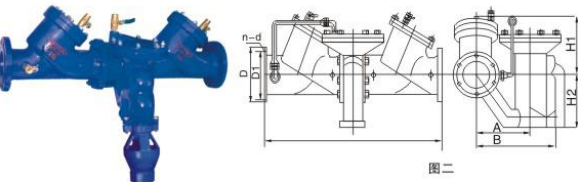
全国免费热线：4001-899-439

防污隔断阀(倒流防止器)：安全型(FRHS11X-T/H FRHS21X-T/H FRHS41X-A(B) 普通型 FRHS41X
Anti-pollution cut off valve safety type (FRHS11X-T/H FRHS21X-T/H FRHS41X-A(B)Conventional type FRHS41X

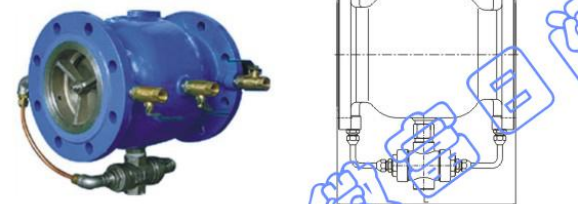
结构示意图(Structural Diagram)



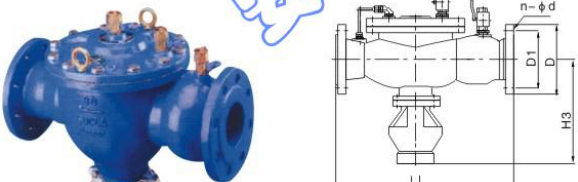
图一



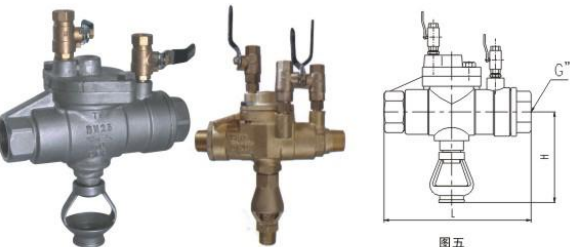
图二



图三



图四



图五

主要外形及安装尺寸(图一、图二、图三、图四)
Main size of appearance and size of connecting(drawing I drawing II drawing III drawing IV)

DN	L1 系列	L2 系列	L3 系列	L4 系列	L5 系列	A	B	C	H1	H2	H3
40	200	/	440	/	200	140	210	105	105	200	/
50	230	/	505	185	230	140	210	105	105	200	175
65	290	635	710	210	280	145	210	110	110	210	230
80	310	730	780	225	310	150	220	100	120	225	285
100	350	955	935	250	350	220	365	150	165	265	325
125	400	874	874	/	400	220	365	150	165	285	345
150	480	1118	1145	340	450	220	365	150	165	325	400
200	600	1285	1365	400	550	340	527	170	170	328	/
250	730	1318	1445	533	650	360	580	195	197	429	/
300	850	1338	1567	610	750	410	615	240	245	210	/
350	980	/	1655	686	850	472	720	270	275	295	/
400	1100	/	1820	762	950	520	805	310	315	680	/
450	1200	/	1985	864	1050	550	835	325	330	720	/
500	1250			914							
600	1450			1067							

主要外形及安装尺寸(图五)
Main size of appearance and size of connecting(drawing III)

DN	G	L1	L2	H	H1	H2
15	1/2	169	100	65	115	55
20	3/4	172	125	80	125	60
25	1	200	160	100	135	65
32	1 1/4	236	200	125	140	75
40	1 1/2	321	240	150	150	90
50	2	321	300	/	165	115

防污隔断阀(倒流防止器)系列
Cut Off The Series Of The Valve(The Flowing Backwards And Preventing Device)Antipollutionly

全国免费热线：4001-899-439

防污隔断阀：安全型(FRHS11X-T/H FRHS21X-T/H FRHS41X-A(B) 普通型 FRHS41X
Anti-pollution cut off valve safety type (FRHS11X-T/H FRHS21X-T/H FRHS41X-A(B)Conventional type FRHS41X

概述

普通型防污隔断阀由两个止回阀串联而成。
安全型防污隔断阀是在二级止回系统增设一个排水泄压装置，这样即使二级止回密封同时破坏，也能起到防止回流作用，是一种用于防止生活饮用水管道发生回流污染的安全装置，保证生活用水的安全和卫生。安全型防污隔断阀是由两级止回系统及一个排水泄压系统组成。上腔与第一级止回系统进口端连接，第一、二止回系统主要由阀体、进水口接头、阀瓣、密封垫、弹簧等组成。排水泄压系统主要由阀盖、膜片、阀轴、密封垫、排水口、弹簧、空气阻隔器组成。

工作原理

▲当生活用水从第一级止回系统经过排水器到第二级止回系统出口向用户供水，第一止回系统进口高压水进入排水器隔膜上腔使排水器关闭，保证隔膜下腔与第一级止回正常供水。▲当阀后管路无用户，水静止，如进口压力不变，因前后存在压差，所以排水器仍呈关闭状态。▲当供水过程中供水压力不断下降，其前后压差下降到一定值时，则排水器隔膜上部压力下降，弹簧推动阀轴向上，排水器开启泄压，泄压到与进口压力恢复一定压差值时，排水器关闭。当进口压力下降至零或负压时，排水器完全打开，水排出，空气从排水器进入真空腔，从而防止产生虹吸倒流现象。▲当防污隔断阀之后管网压力升高，超过阀前进口压力时，如第二止回阀密封完好无渗漏，高压水不会倒流，排水器隔膜上下保持原来压差，排水器关闭，不泄压，如第二止回阀密封破坏产生泄漏，第二止回阀之前压力升高，造成排水器隔膜上下压差减小，排水器打开排水泄压，此时如第二止回阀密封同时破坏，由于第二止回阀倒流回的高压水已泄压减压，也不会倒流回第一止回阀。

安装部位

- ▲接入用户自来水管网的水表后面。
- ▲生活用水管道上接出的非生活用水和排污管，安装在接出管起始端。
- ▲生活饮用水水箱的进水管上(水箱底部进水时)。
- ▲生活饮用水管道上串联加压时，安装在泵的吸水管道上。

设计与应用标准(Design and Application Standard)

- 1、设计与制造标准:JB/T 10674-2006
- 2、连接法兰标准:JB/T 78-1994、JB/T 79-1994、GB/T 9113、GB/T 17241.6
- 3、结构长度标准:GB/T 12221-2005、厂标
- 4、检验与实验标准:JB/T9092-1999
- 1、design and manufacture standard: JB/T 10674-2006
- 2、connecting flange standard: JB/T 78-1994、JB/T 79-1994、GB/T 9113、GB/T 17241.6
- 3、end to end standard: GB/T12221-2005、manufacturer standard
- 4、test and inspection standard: JB/T9092-1999

主要性能参数(Main performance parameter)

公称压力 Nominal pressure	1.0	1.6
壳体试验压力 Test pressure of the shell	1.5	2.4
密封试验压力 Sealed test pressure	1.1	1.76
适用温度 Suitable temperature	0℃ ~ 60℃	
适用介质 Suitable medium	水 Water	



Overview

Conventional type anti-pollution cut off valve is composed of two check valves in tandem connection.
Safety type anti-pollution cut off valve is to add a drainage and decompression device to the secondary check valve system. In this case, even if all the secondary check seals are broken together, it still can function to prevent back flow. Therefore, it is a safety device to prevent back flow pollution in pipeline of daily drinking water system. Safety type anti-pollution cut off valve is composed of secondary check valve and a drainage and decompression system. The upper cavity connects with the inlet of first-stage non-return system. The first and second stage check valve system mainly consists of valve body, inlet connector, disc, gasket, spring, etc. drainage and decompression system mainly consists of valve bonnet, diaphragm, gasket, outlet, spring and air block device.

Work principle

When the daily water is supplied to users from the first-stage nonreturn system to the outlet of second-stage nonreturn system via drainer, high pressure water in the inlet of first-stage nonreturn system will enter into the upper diaphragm cavity of drainer and close the drainer to safeguard the normal water supply of the lower diaphragm cavity and the first-grade check valve.
When there are no users to the pipe after valve, and water is still, if the inlet pressure remains unchanged, the drainer will be in the state of close because of pressure difference in back and forth.
When the water supply pressure is continuously decreasing during water supply, the pressure difference in forth and back will lower to a certain value, then pressure in the upper diaphragm of drainer will decrease, spring pushes the valve shaft upward, drainer will open to release pressure. When it releases to regain a certain differential pressure value with the inlet pressure, the drainer will close. When inlet pressure lower to zero or be negative pressure, drainer will finish the total open, discharge water, air enter the vacuum cavity from drainer, so to avoid back flow phenomenon.
When the pipe network pressure after the anti-pollution cut off valve increases and surpasses the inlet pressure before valve, the high pressure water will not flow back. If the seal of second-stage check valve has no leakage the pressure difference in both sides of diaphragm will keep original. Drainer closes, no pressure released. If the seal of second-stage check valve is damaged and leaking, the pressure before the second-stage check valve will increase, and reduce the pressure difference at both sides of diaphragm. drainer will open to drainage and release pressure. If the seal of first-stage check valve is also damaged meanwhile, since the high pressure water back flowed by the second-stage check valve has already been released and reduced, so it will not back flow to the first-stage check valve.

Installation position

Install after the water gauge of users' pipe network
For non-daily drinking water pipe and drain pipe from the daily drinking water pipe, install it in the initiating end of the branch pipe.
Install it in the water inlet pipe of daily drinking water tank (water inlet is at the bottom of water tank)
Install in the water suction pipe of pump, when the daily drinking water pipelines pressurize in series.

主要零件与材质(Major part material)

零件名称Name	材质Material
阀体、阀盖 Valve Body Bonnet	灰铸铁、铸钢、不锈钢、黄铜 Gray casting iron cast, cast steel, Stainless steel, Brass
阀瓣、阀座 Disc Valve seat	黄铜、不锈钢 Brass, Stainless steel
阀杆 Valve Stem	不锈钢 Stainless Steel
密封圈 Seal and enclose	丁腈橡胶 NBR
排水器阀体、阀盖 valve body to drainer、Bonnet	灰铸铁、铸钢、不锈钢、黄铜 Gray casting iron cast, cast steel, Stainless steel, Brass
排水器阀芯、阀瓣 Drainer valve Disc	黄铜、不锈钢 Brass, Stainless steel
排水器阀座 drain Valve seat	不锈钢 Stainless Steel
压缩弹簧 Compression spring	不锈钢 Stainless Steel



水锤消除(吸纳)器系列 Water Hammer Eliminator (Receiver)

全国免费热线：4001-899-439

概述

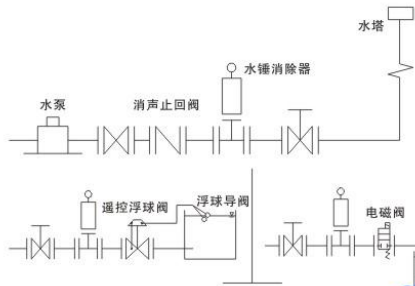
在供水系统中，当水泵突然开动或停止及阀门启闭时，都会造成管道内水流速度和压力的突然改变，在管道内形成高压冲击波，使管道发生振动并发出刺耳的噪音甚至严重的管道破裂，管网失效。这就是水锤，其产生的主要原因是流体的不可压缩性，流体的运动惯性与管材弹性缩合作用的结果。

FRS-8000气囊式、FRS-9000活塞式水锤消除器利用气体的可压缩性原理，有效的吸收高压冲击波的瞬间压力，使管道内压力能量得以释放，保护管道不受破坏。

安装要求及示意图

- FRS-9000型水锤消除器一般安装在水泵的出口附近，在止回阀的下游，配合消止回阀使用效果更加。（如下图1）
- FRS-8000型水锤消除器安装在液压水位控制阀（如100X型），电磁阀附近，消除管道系统的关阀水锤。（如下图2）

结构示意图(Structural Diagram)



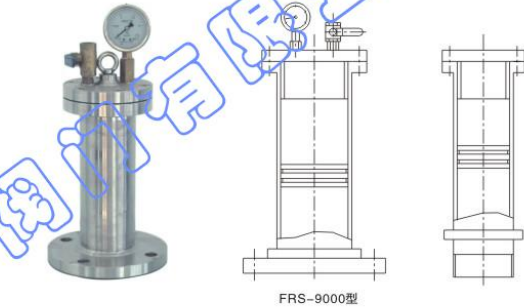
Overview

In water supply system, when pump suddenly starts or stops and valve sudden opens and closes, all these will result in sudden change of flow velocity and pressure in pipeline. The high pressure shock wave inside pipeline will make pipeline vibrate and send out harsh noise, or even more serious, cracking of pipeline. And then pipeline will lose effect, this is just water hammer. The main cause of this is the incompressibility and motion inertia of fluid and the elasticity shrinkage of pipeline materials.

FRXS-8000 gasbag type and FRXS-9000 piston water hammer eliminator uses the compressibility property of air to effectively absorb the transient pressure of high pressure shock waves, thus to enable release of pressure inside pipeline and to prevent pipeline from damage.

Install the request and sketch map

- FRXS-9000 water hammer eliminator is usually mounted near pump outlet and at the lower stream of check valve. It offers more effective function if matched with a water hammer eliminating check valve. (FLG.1 BELOW)
- FRXS-9000 water hammer eliminator is mounted near the electromagnetic valve or hydraulic level control valve (e.g. 100X), functioned to eliminate the water hammer in pipeline system upon valve closing. (Fig.2 below)

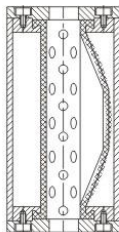


FRS-9000型

主要技术性能(Main performance parameter)

公称通径DN Nominal pressure	充气容积cm³ Inflate the volume	充气压力(Mpa) In flate pressure	工作压力(Mpa) Working pressure	高度(cm) Height	连接形式 Connect way	材质 Material
15	40	0.18	1.6	220	外螺纹 Male thread	铜合金或不锈钢 Copper alloy or stainless steel
20	50	0.18	1.6	260		
25	110	0.20	1.6	300		
32	200	0.25	1.6	310		
40	360	0.25	2.1	360		
50	500	0.25	2.1	360		
65	1000	0.28	2.1	430	法兰 Flange	
80	1500	0.32	2.1	450		
100	2400	0.35	2.1	450		
125	4000	0.38	2.1	610		
150	7000	0.42	2.1	660		
200	14000	0.55	2.1	750		
250	21000	0.55	2.1	850		
300	28000	0.55	2.1	970		
400	37000	0.56	2.1	1180		
500	43000	0.56	2.1	1350		
600	51000	0.56	2.1	1530		

法兰尺寸按GB/T 9113、GB/T 17241.6标准。
Flange size according to GB/T 9113、GB/T 17241.6 standard.



GLS-9000型

水锤消除器SXZ、SXJ Water Hammer In Addition To Machine SXZ, SXJ

全国免费热线：4001-899-439



概述Summarize

SXZ、SXJ水锤消除器利用橡胶气囊内的气体可压缩性原理，缓冲冲击压力，有效吸收高压冲击波的瞬间压力，使管道内的压力能量得以释放，减小和消除管道振动，保护管道不受破坏。

SXZ, SXJ water hammer eliminator's compressibility principle for using gas inside of the rubber balloon, buffer shock pressure, effective absorption moment pressure of high pressure shock wave, release energy the pressure inside the pipeline, reduce and eliminate pipeline vibration and in order to protect the pipes not destroyed.

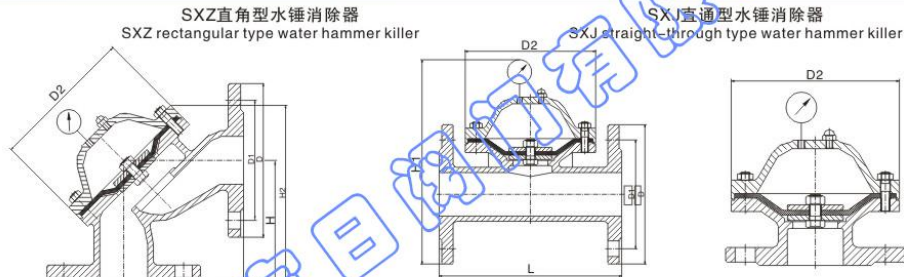
主要技术性能The main technical performance

公称压力 Nominal pressure (MPa)	试验压力Test pressure (MPa)		工作温度 Working temperature℃	适用介质 Applicable medium
	壳体Shell	密封seal		
1.0	1.5	1.1	≤80	水、源水 Water and source water
1.6	2.4	1.76		
2.5	3.8	2.8		

主要零件材质The main materials of parts

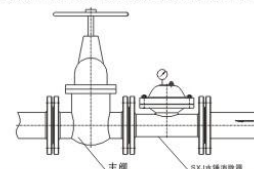
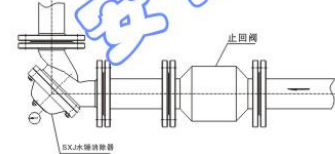
阀体Body	阀盖Valve cover	膜片Diaphragm
灰铸铁、铸钢Gray Cast Iron, Cast Steel	灰铸铁、铸钢Gray cast iron, cast steel	橡胶Nitrile Rubber

结构示意图(Structure schematic diagram)



安装要求及示意图Installation requirements and schematic diagram

- SXJ水锤消除器安装在阀门前端
- SXZ水锤消除器安装在管道拐角处，起到双向吸水锤功能，如图所示



主要尺寸(Main dimensions)

通径 DN	L	H	D			D1			n-φd			D2	H1	H2
			PN10	PN16	PN25	PN10	PN16	PN25	PN10	PN16	PN25			
50	210	125	160			125			4-18			150	290	195
65	260	145	180			145			4-18			180	315	215
80	296	155	195			160			4-18	4-18	8-18	215	350	245
100	340	175	215		230	180		190	8-18		8-23	250	390	285
150	374	225	285		300	240		250	8-23		8-25	280	450	365
200	425	275	335		360	295		310	8-23	12-23	12-25	310	530	445
250	475	325	390	405	425	350	355	370	12-23	12-25	12-30	330	660	550
300	535	370	440	460	485	400	410	430	12-23	12-25	16-30	380	740	650



防潮阻逆式底阀（拍门） Moistureproof Anti-Reverse Bottom Valve (Paimen)

全国免费热线：4001-899-439

FRH44XT-6防潮阻逆式底阀（拍门）FRH44XT-6 Moistureproof anti-reverse bottom valve (paimen)

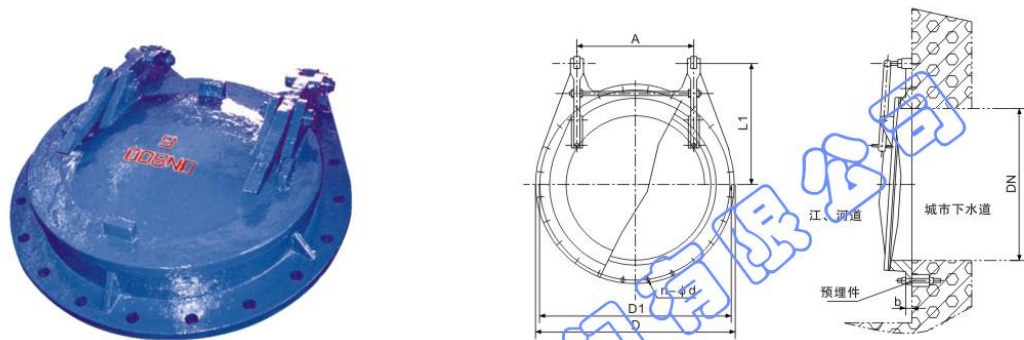
概述

该阀一般用于城市污水或城市排水系统中，安装于城市污水或城市排水管道与江河道连接处，当江河水位上涨时，阀门自动关闭，防止河道里水进入城市内部，特别发洪水时，有利于城市抗洪救灾；当江河水位回落时，阀门自动开启，将城市处里后的污水或城市积水排出。

Overview

This valve is usually used in urban sewage or drainage system. Mounted at the joint between urban sewage or drainage pipeline and rivers, it will close automatically when the water level of river rises, thus to avoid river water entering urban area. Especially in case of flood, it is good for flood control. When water level declines, this valve will start automatically to discharge the worked sewage or deposited water in city.

结构示意图及安装示意图(Structural Diagram & installation drawing)



主要零件材质(Main Parts and Materials)

名称 Name	材质 Material	备注 Remarks
阀体 Valve Body	HT200 / 25#	ASTM A126
阀瓣、摇杆 Disc, Rocker	FCd45 / 25#	ASTM A536 65-45-12
连接杆、插销 Connection pole; inserted pin	SUS304	/
阀体座封 Valve body seat seal	丁晴橡胶 N.B.R.	/

规格主要外形尺寸(Main external dimension)

标准口径DN(mm) Stand and requirements	A	L1	D	D1	b	H	H1	n-φd
200	150	177.5	315	280	22			8-18
300	280	270	435	395	24			12-23
400	300	300	535	495	28			16-23
500	350	355	640	600	28			16-23
600	400	410	755	705	30			20-25
700	500	450	860	810	30			24-25
800	570	500	975	920	30			24-30
900	620	580	1075	1020	30			24-30
1000	690	650	1175	1120	32	164	420	28-30
1200	1000	990	1375	1320	35			32-30
1400	1200	1090	1575	1520	37			36-30
1500	1300	1200	1690	1630	38			36-30
1600	1450	1250	1785	1730	40			40-30
1800	1600	1410	1985	1930	42			44-30
2000			2185	2130	44			48-30
2200			2400	2340	48			52-34
2400			2600	2540	50			56-34

过滤器系列 Strainer Series

全国免费热线：4001-899-439

Y型过滤器、Y型拉杆伸缩过滤器 Y-type Filter、Y Tension Rod Retractility Filter

概述

Y型过滤器是输送介质管道系统不可缺少的一种装置，通常安装在止回阀、减压阀、泄压阀或其它设备的进口端，用来清除介质中的杂质，以保护阀门及设备的正常使用。该过滤器具有结构先进、阻力小、排污方便等特点。适用可水、油、气。一般水网为18~30目/cm²，通气网为40~100目/cm²，通油网100~480目/cm²，可按用户制作滤网。

Y型拉杆伸缩过滤器是Y型过滤器与伸缩接头组合，其主要结构与用途和Y型过滤器相同。

Overview

Y-type filter is an indispensable device in medium transport pipeline. It is usually mounted at the inlet of check valve, pressure reducing valve, pressure release valve or other equipments, functioned to clear away the sundries in mediums for the normal operation of valves and equipments. Featured by advanced structure, little resistance, easy draining, etc., Y-type filter is applicable to water, oil and air. Generally, water net could be 18~30 mesh/cm², ventilating net 40~100 mesh/cm², and oil net 100~480 mesh/cm². Filter screen could be made to users' requirements. Y-type tension rod retractility filter is the combination of Y-type filter and retractible joint, whose main structure and applicability are the same as Y-type filter.

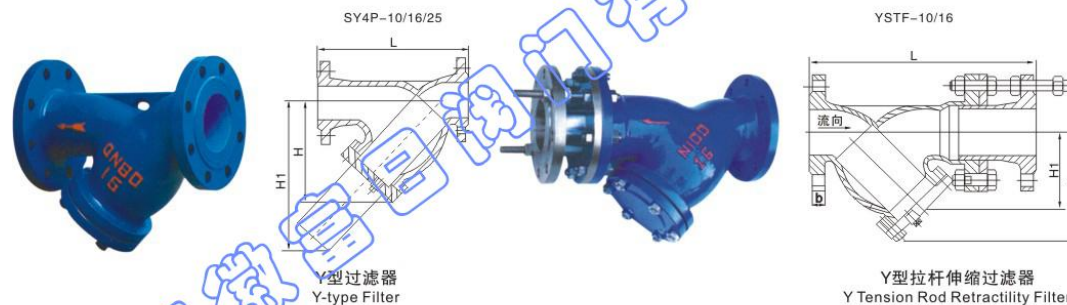
主要技术参数(Main Performance Parameters)

连接形式 Connect the form	公称压力 PN (MPa) Nominal Pressure	耐压试验压力 (MPa) Test pressure of pressure proof	网眼总面积 The whole area of the mesh	适用温度 (°C) Suitable temperature (°C)
法兰 Flange	1.0	1.1	3~4DN	≤80 (根据客户要求可达到200)
	1.6	1.76		≤80 (According to customer's enquiry Can be up to 200)
	2.5	2.75		
	1.0	1.1		

主要零件材质(Main Parts and Materials)

零件名称 Name	材料 Material
管体、盖、伸缩体 Cover, body, flexible body	灰铸铁、球墨铸铁、铸钢 Gray cast iron, Spheroidal Graphite, Cast iron, cast steel
过滤网 Filter screen	不锈钢 Stainless Steel
伸缩拉杆 Flexible pull rod	碳钢镀锌 The carbon steel is zinc-plated
O型圈 O Ring	丁晴橡胶 Nitrile butadiene Rubber (NBR)
紧固件 Fastener	Q235

结构示意图(Structural Diagram)



主要外形尺寸(Main External Dimensions)

公称口径 DN (mm) Nominal Diameter	Y型过滤器 Y type filter			Y型拉杆伸缩过滤器 Y type Flexible filter with pull rod		
	L	H	H1	L	H	H1
50	220	130	250	300	195	155
65	260	198	270	3+20	245	183
80	280	210	295	380	295	210
100	305	250	344	430	344	250
125	350	305	422	500	415	305
150	380	358	485	550	485	358
200	485	450	602	650	602	450
250	580	203	710	775	710	503
300	640	578	815	900	815	578
350	700	598	844	1025	844	598
400	800	618	872	1150	872	618
450	850	693	978	/	/	/
500	900	765	1080	/	/	/

注：Y型拉杆伸缩过滤器伸缩量最少可达到12mm/m以上。法兰尺寸按JB/T78-1994、JB/T79-1994标准。
Note: The extent of retractility of Y-type tension rod retractility filter reaches at least 12mm/m.
Flange measurement as per JB/T78-1994, JB/T79-1994.



过滤器系列 Strainer Series

全国免费热线：4001-899-439

ZPG-L/I型反冲洗排污过滤器 ZPG-L/I Back-flushing Blowdown Filter (LW type Dirt Separator)

概述

ZPG型反冲洗排污过滤器是一个能使用介质水进行工业冷却的过滤器，同时也可以用于其他需要过滤的工艺过程，它具有冲洗排除杂质功能，一般安装在换热器其他执行机构的前面，定期冲洗排除杂质。

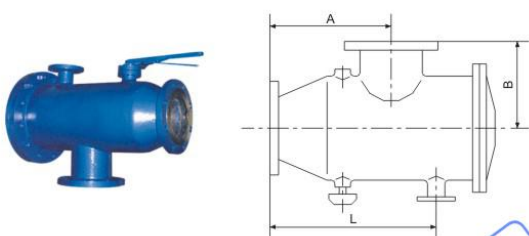
技术参数

最大工作压力：1.6MPa；
工作温度范围：0℃～60℃；0℃～150℃。
适用介质：源水、污水

主要零件材料

阀体、阀瓣：碳素钢 过滤网：不锈钢

ZPG-L型（直角型）(Right angle type)



Overview

ZPG back-flushing blow down filter not only can be used for industrial cooling by medium water, but also be used for other processes requiring filtering. Functioned to flush and eliminate sundries, it is usually mounted in the front of heat exchanger or other actuating mechanism, and carries out regular flushing to sundries.

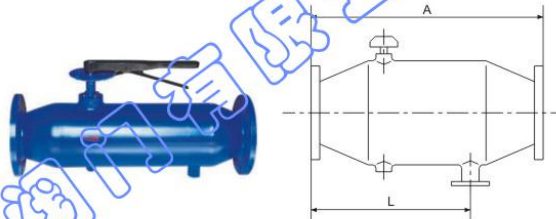
Technical Parameters

Max working pressure: 1.6Mpa
Working temperature range: 0℃～60℃, 0℃～150℃
Suitable medium: Source water, sewage

Main part & material

Valve Body, Disc: Carbon steel; Filter screen: Stainless Steel

ZPG-I型（直通型）(Straight through type)



型号与规格尺寸(The type and size of specification)

ZPG-L反冲洗排污过滤器型
Blowdown filter type that ZPG-L recolls

规格型号 Model	A	B	L	排污口Dg Blowdown
ZPG-L-50	200	130	300	25
ZPG-L-65	200	130	300	25
ZPG-L-80	260	150	360	25
ZPG-L-100	300	180	410	32
ZPG-L-125	320	220	450	40
ZPG-L-150	380	240	520	50
ZPG-L-200	400	280	560	50
ZPG-L-250	500	320	700	50
ZPG-L-300	650	350	900	65
ZPG-L-350	670	370	940	65
ZPG-L-400	720	420	1020	65
ZPG-L-450	870	460	1100	100
ZPG-L-500	995	550	1350	100
ZPG-L-600	1140	600	1600	150

法兰连接尺寸按GB/T 9113、GB/T 17241.6
Note: The Flange measurement as per GB/T 9113、GB/T 17241.6

ZPG-I型反冲洗排污过滤器
ZPG-L Back-flushing blowdown filter

规格型号 Model	A	L	L1	排污口Dg Blowdown
ZPG-I-50	230	150	/	25
ZPG-I-65	290	190	/	25
ZPG-I-80	310	220	/	25
ZPG-I-100	350	260	/	32
ZPG-I-125	438	325	/	40
ZPG-I-150	525	390	700	50
ZPG-I-200	700	520	800	50
ZPG-I-250	875	650	970	50
ZPG-I-300	1050	780	1060	65
ZPG-I-350	1200	885	1200	65
ZPG-I-400	1400	1040	1350	65
ZPG-I-450	1550	1150	1600	100
ZPG-I-500	1700	1250	/	100
ZPG-I-600	2000	1450	/	150

过滤器系列 Strainer Series

全国免费热线：4001-899-439

直通、高低篮式过滤器 Straight. High and low basket strainer

概述

过滤器是工业生产中不可缺少的管道设备，安装在管道上能除去流体中的固体杂质，使机器设备（包括压缩机、泵等），仪表正常工作和运转，达到稳定工艺过程，保障安全生产的作用。另外对提高产品质量也有十分重要的意义。

性能特点

普通过滤器具有结构紧凑、过滤能力大、压损小，适用范围广、维护方便、价格低廉等优点。

新近推出的智能过滤器系列产品，除具有普通过滤器的所有功能外，同时还具有提供更换、清洗滤网信息的阀和远程声光报警功能，它的基本原理是利用流经过滤器流体入口与出口的压力差，使智能器内压差式信息发生动作，在智能器一端的红圆柱便冒出或发生报警信息，表示滤网被阻塞需要更换或清洗。它克服了当今普通过滤器因无法及时指示滤网的阻塞程度而造成断流、烧泵或误判滤网阻塞白白浪费入力、物力等弊端，是一种理想的更新换代产品。若将它串联地安装在泵的入口或系统管线的其它部位，既可处长泵和其它设备的使用寿命，又能保证整个系统安全。

SB24型快速排洗直通、高低过滤器排污时，打开排污阀，转动手轮，即可清洗，无需打开封盖。省时省力、清洗方便。

Overview

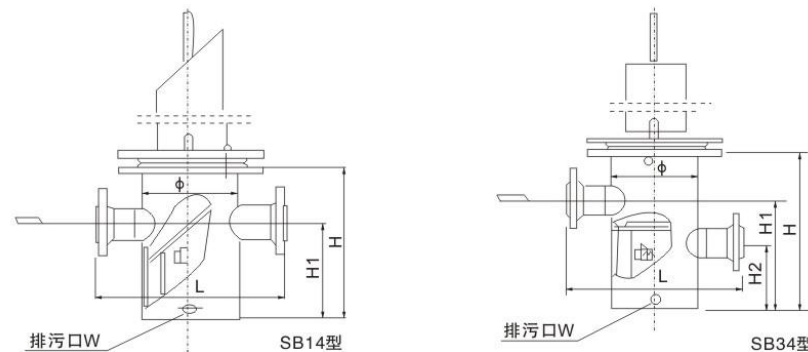
Strainer is the indispensable pipe equipment in industrial production, installed in the pipeline can remove fluid solid impurities that the machinery equipment (including compressor, pump, etc.) can work and operate normally, achieving stable process, ensure the safety production function. In addition to that is also have very important significance of improving the quality of products.

Performance characteristics

Regular strainer has compact structure, fine filter capacity, small pressure loss, wide range, convenient maintenance and low price. The newly launched intelligent strainer, it has the function of providing replacement, news of cleaning screen and remote acousto-optic alarm as well as the common function which general strainer has. Its basic principle is to use pressure differential caused by the flow go through from the inlet and outlet., make the information changed in the intelligent device, the red columns in one end of intelligent device emitted or occur alarm information, this information said screen was blocking and need to replace or cleaning. It overcome defects the common strainer can't timely instructions of degree of obstruction caused by breaking, and burn pump or misarrange of justice screen blocking wasted, material resources and so on. It is a kind of ideal renewal of products. If it installed in the entrance of the pump or other parts of the pipeline system, not only can make pump and other equipment for long use life, but also can guarantee the system safety. When the SB24 type strainer wash out, open the drain valve and turn the hand wheel, just that can clean. It do not need to open cover. Saves time and effort, convenient cleaning.



结构示意图(Structural Diagram)





过滤器系列 Strainer Series

全国免费热线：4001-899-439

SB 14 型直通篮式过滤器 Straight Basket strainer

主要连接尺寸表 Main connection dimension table

公称通径 DN(mm) Nominal Diameter	φ	L	H	H1	W
20/25	76	220	260	160	1/2
32	76	220	270	165	1/2
40	108	260	300	180	1/2
50	108	260	300	180	1/2
65	140	330	350	220	1/2
80	168	340	400	260	1/2
100	219	420	470	310	3/4
150	273	500	620	430	3/4
200	325	560	780	530	3/4
250	426	660	930	640	3/4
300	478	750	1200	840	3/4

SB 34型高低篮式过滤器 High and low basket strainer

主要连接尺寸表 Main connection dimension table

公称通径 DN(mm) Nominal Diameter	φ	L	H	H1	H2	W
20/25	76	220	280	110	70	1/2
32	76	220	285	110	70	1/2
40	108	260	340	120	100	1/2
50	108	260	340	120	100	1/2
65	140	330	400	160	110	1/2
80	168	340	460	180	140	1/2
100	219	420	550	220	170	3/4
150	273	500	720	310	220	3/4
200	325	560	900	390	280	3/4
250	426	660	1070	480	320	3/4
300	478	750	1360	640	400	3/4

铸铁制圆闸门、方闸门 Round, Square Cast Iron Gate

全国免费热线：4001-899-439



概述

平面闸门一般设置在给水排水、水利和防洪等水工构筑物的取水口、水池水槽、引水渠及集水井内，用以切换流道或截断水流。介质为常温下的原水、清水、或污水。

平面闸门承受水压有单向受压和双向受压两种。单向受压闸门其迎水面受压为0.1MPa，逆水面为0.02MPa。双向承压闸门一般每向受压均为0.1MPa。橡胶密封闸门须平水位开启。

闸门按材质区分，有铸铁制圆闸门、方闸门、矩形闸门；有以碳素钢为材质的焊接方闸门、矩形闸门，和以不锈钢制作的方形薄壁闸门。结构形式分明杆式暗杆式；镶密封圈和不镶密封圈。

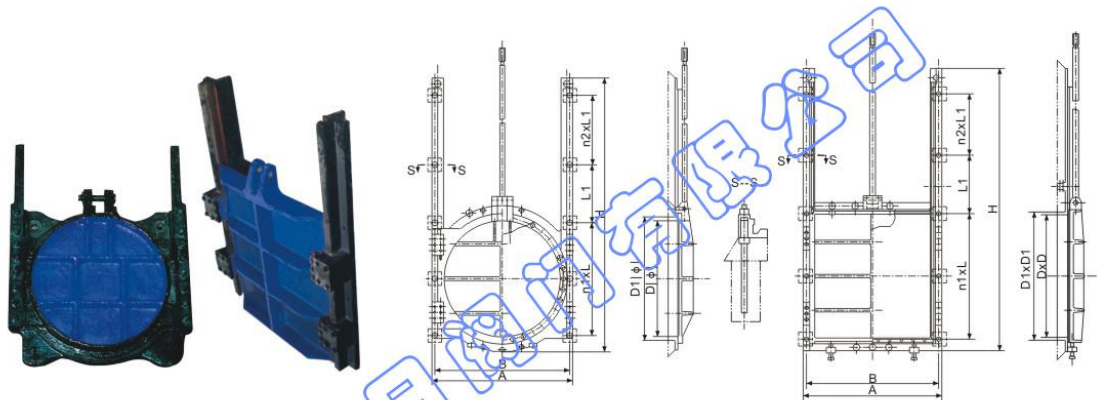
本厂主要生产平面铸铁制圆闸门、方闸门这两大类。

Overview

Plane gates are usually placed in the water catchment, reservoir flume, headrace and collecting well of waterpower constructions for water supply and drainage, water conservancy and flood control etc, functioned to switchover channels or cut off water flow. Mediums may be raw water, clean water or sewage under normal temperature.

Plane gates are unidirectionally or bidirectionally pressed by hydraulic pressure. Unidirectionally pressed gates bear a pressure of 0.1Mpa positively and a pressure of 0.02Mpa negatively. Bidirectionally pressed gates bear the same value at 0.1Mpa. Rubber sealed gates should be started equal to water level. According to different materials, gates are classified to round, square and rectangular cast iron gates, square and rectangular carbon steel welded gates, and stainless steel thin-walled square gates. According to different structures, they may be classified to rising and non-rising stem types, and types with sealing rings and without sealing rings. We mainly produce plane round cast iron gates and square gates series.

结构示意图 (Structural Diagram)



主要外形尺寸 (Main External Sizes)

口径 Caliber DN	外形尺寸 External dimension			安装尺寸 Install ation size			
	D1	A	H	n1×L	n2×L1	n3×φd	B
300	340	600	820	2×150		8×φ18	500
400	450	700	830	2×220		8×φ18	600
500	540	850	1010	2×250		8×φ27	740
600	640	940	1520	2×300	1×300	10×φ27	840
800	840	1140	1870	2×350	1×350	10×φ27	1040
1000	1050	1340	2170	2×450	1×450	10×φ27	1240
1200	1250	1540	2720	3×400	2×400	14×φ27	1440
1400	1440	1630	3020	3×380	2×600	14×φ27	1570
1500	1540	1740	3235	3×400	2×650	18×φ27	1680
1600	1640	1850	3410	3×440	2×700	18×φ27	1780
1700	1740	1950	3585	3×450	2×750	18×φ27	1880
1800	1850	2050	3755	3×480	2×800	18×φ27	1980
1900	1950	2170	4020	5×300	4×425	28×φ27	2100
2000	2050	2270	4220	5×310	4×450	28×φ27	2200

①手电两用启闭机 (3KW)，②手电两用启闭机 (5.5KW)

①Dual-purpose headstock gear of flashlight(3KW),

②dual-purpose headstock gear of flashlight(5.5KW)

启闭机形式选用 Selection of headstock gear

工作水深 (m) Working depth of water				
2	4	6	8	10
手轮式启闭机 Hand wheel headstock gear				
手摇式启闭机 Hand type headstock gear				
手电两用启闭机 (1.1KW) Dual-purpose headstock gear of flashlight				
手电两用启闭机 (1.5KW) Dual-purpose headstock gear of flashlight				
手电两用启闭机 (2.2KW) Dual-purpose headstock gear of flashlight				
①				
手电两用启闭机 (4KW) Dual-purpose headstock gear of flashlight				
②				



雨淋阀\湿式报警阀系列 Dry Type Annunciator Valves Series

全国免费热线：4001-899-439

FRYL45X、FRYL01X、ZSFZ、ZSFG 消防专用雨淋阀\湿式报警阀 FRYL45X、FRYL01X、ZSFZ、ZSFG fire control deluge valve

概述

本系列隔膜雨淋阀由主阀、水力警铃、压力开阀、球阀、电磁阀、针阀、防复位控制器、先导阀及控制管路等组成，配上开式喷头、水幕喷头及火灾报警控制系统即可组成相应的水喷雾系统。具有结构简单、操作容易、安全可靠、安装维护方便等特点。发生火灾时，雨淋阀开启，系统开式喷头一齐自动喷水灭火，不仅可以扑灭着火处火源，还可以同时自动向整个被保护的面积上喷水，防止火灾的蔓延和扩大。适用于易结冰或重点保护的火灾危险性大的建筑物和场地。

主要特点

- 1、可以自动和手动开启：即自动电磁阀开启、人工手动近距离开启或远离火源远距离开启手动球阀。
- 2、具有防复位自动锁止机构：主阀配有防复位控制器，即使在发生火灾时开启电磁阀或手动球阀出现误动作而关闭，因防复位控制器始终处于开启泄放主阀控制腔的压力，所以主阀一直处于开启状态。
- 3、使用寿命长：主阀膜片采用进口高强度强化尼龙橡胶，膜片动作可达100万次以上无疲劳损伤，使主阀动作反应灵敏可靠。其余配件均采用高性能材料。

结构示意图(Structural Diagram)



设计与应用标准

- 1、设计与制造标准:JB/T10674-2006
- 2、连接法兰标准:JB/T78-1994、JB/T79-1994、GB/T 9113、GB/T 17241.6
- 3、结构长度标准:GB/T12221-2005
- 4、检验与实验标准:JB/T9092-1999

主要外形及安装尺寸 Main external installation sizes

DN	L	H1	H2
50	203	270	255
65	216	340	285
80	241	400	305
100	292	440	320
125	330	460	360
150	394	470	415
200	457	590	500
250	533	660	585
300	610	765	685
350	686	870	760
400	762	990	875
450	864	1065	925
500	914	1270	1065
600	1067	1465	1235

Overview

The diaphragm deluge valve series is composed of main valve, hydraulic alarm bell, ball valve, solenoid valve, needle valve, anti-reset controller, pilot and controlling pipeline. It can form water spray system by equipping with open nozzle, water spray nozzle and fire alarm controlling system. It has the features of simple structure, easy operation, reliable safety, convenient maintenance, etc. when there is fire, deluge valve opens, all the open nozzles open and automatically spray water till extinguishment. It not just puts out fire area, but automatically sprays water to the whole protection area to prevent from spread. It is suitable for the building and places that is easy to cause fire.

Main features

- 1、The systems can be either automatically or manually operated.
- 2、Automatic anti-reset lock device: the main valve is equipped with anti-reset controller, thus, even if misoperation of close when open the solenoid valve or manual ball valve during fire, anti-reset controller is always in the state of releasing the pressure in the controlling chamber of main valve, hence, main valve is always in the state of open.
- 3、Long life span: diaphragm of main valve is imported reinforced nylon rubber. Action of diaphragm can reach at least one million times without fatigue damage, thus main valve can act flexibly. Other accessories are all in high performance material.

Design and Application Standard

- 1、design and manufacture standard: JB/T10674-2006
- 2、connecting flange standard: JB/T78-1994、JB/T79-1994、GB/T 9113、GB/T 17241.6
- 3、end to end standard: GB/T12221-2005
- 4、test and inspection standard: JB/T9092-1999

主要技术性能(Main performance parameter)

公称压力(MPa) Nominal pressure	试验压力(MPa) test pressure		工作温度 Working temp.	适用介质 Applicable medium
	壳体Shell	密封 Seal		
1.0	1.5	1.1	≤80℃	水 Water
1.6	2.4	1.76		
2.5	3.75	2.75		

主要零件材质(Main parts & material)

零件名称 part	阀体、阀盖 body, bonnet	阀瓣 disc	阀杆 stem	密封圈 seal ring	弹簧 spring	膜片及压板 diaphragm and press plate
材质 material	铸铁、铸钢 cast iron, cast steel	铸钢 cast steel	不锈钢 SS	丁腈橡胶 NBR	不锈钢 SS	强化尼龙橡胶、 铸钢 reinforced nylon rubber, cast steel

减压阀系列 Pressure Reducing Valve Series

全国免费热线：4001-899-439



200P型减压阀导阀200P pilot valve of pressure reducing valve

概述

200P型减压阀导阀自身为一直接式可调减压阀，采用隔膜型水力操作方式，可水平或垂直安装于给水消防系统或其他清水系统中。在一定流量范围内可控制该阀出口压力为一相对固定值。调节时，可放松阀盖上端调节螺杆上的锁定螺母，顺时针拧动调节螺杆为增加压力，逆时针旋转则为减少压力。调节达到出口压力要求后，须拧紧锁定螺母，以防出口压力变动。

200P减压阀导阀为内螺纹连接减压阀，具有体形小巧，易于安装等特点，且附有内置过滤网，可方便整体安装作业，避免杂物堵塞，更具安全可靠。

Overview

The pilot valve of 200p pressure reducing valve itself is a direct adjustable pressure reducing valve which uses diaphragm hydraulic operating mode. It may be horizontally or vertically mounted in water supply for fire control or other clean water system, functioned to maintain a relatively fixed outlet pressure within a certain extent of flow. For adjustment, loosen the fastening nuts of the adjusting screw at the upper part of bonnet, clockwise to adjust the screw is to increase pressure, and counter clock wise is to reduce pressure. When it meets the required outlet pressure, fastening screw.

The pilot valve of 200p pressure reducing valve is an internal thread pressure reducing valve featured by cabinet profile and easy installation etc. Fitted with a filter net inside for the convenience of integra l installation and operation, this valve is away from sundries blockage for security and dependability.

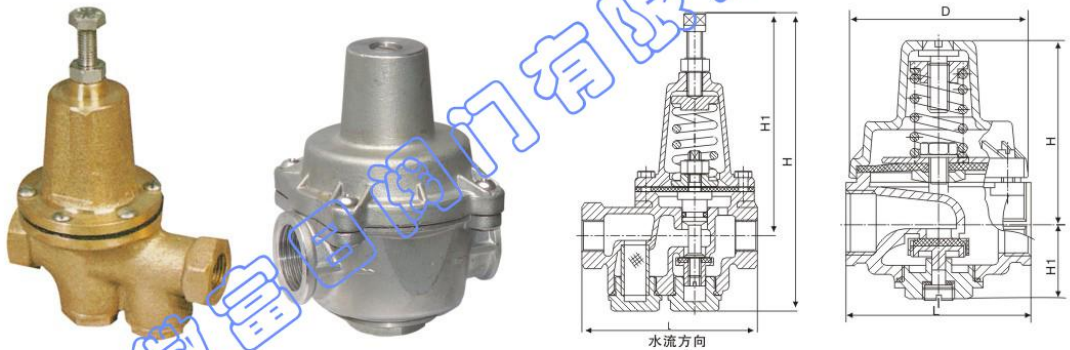
主要性能参数(Main Performance Parameters)

公称压力 PN(Mpa) Nominal pressure	阀体试验压力 PN(Mpa) Valve Body test pressure	密封试验压力 PN(Mpa) Seal Test pressure	减压范围(Mpa) Range of pressure reduction	最大流速(m/s) Largest flow velocity	工作温度(℃) Working Temperature
1.0	1.5	1.1	≤0.7	6	
1.6	2.4	1.76			
2.5	3.75	2.85			

主要零件材质(Main Parts and Materials)

零件名称 Name	阀体、阀瓣 Valve body, disc	滤网、螺母 Filter screen nut	弹簧 Spring	O型圈、膜片 O ring diaphragm
材质 Material	铝青铜、不锈钢 Aluminum-bronze, stainless steel	不锈钢 Stainless steel	50CrVA	丁腈橡胶 N.B.R.

结构示意图(Structural Diagram)



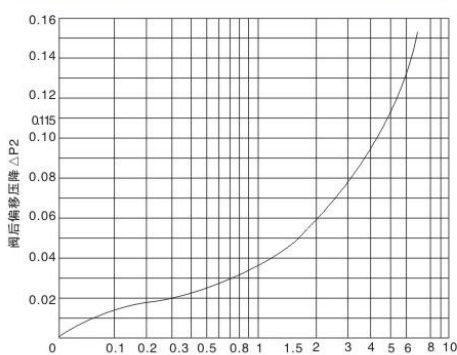
主要尺寸(Main External Sizes)

DN(mm) mm	尺寸(mm)Size			尺寸(mm)Size					重量(kg) Weight
	in	L	H	H1	H2	L	φG		
15	1/4"	112	170	130	31	60	76.5	59	1.2
20	1/2"	112	183	130	31	75	76.5	73	1.2
25	1"	135	189	143	36	88	85	81	1.4
32	1 1/4"	165	242	195	42	93	98	81	1.5
40	1 1/2"	192	273	204	45	98	102	85	2
50	2"	242	273	204	54	130	117	98	2.65

安装示意图(Install the sketch map)



流量曲线图(Flow characteristic graph)





减压阀系列 Pressure Reducing Valve Series

全国免费热线：4001-899-439

波纹管式减压阀 Bellows Pressure Reducing Valve

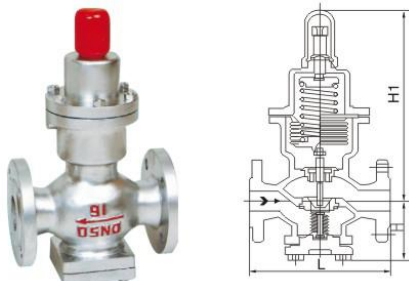
概述

Y44T-10型、Y44H-16型波纹管式减压阀用于温度180℃以下的蒸汽、空气及其它无腐蚀性的管路上，经过调节，经过调节，使通过阀内的介质压力减至某一需要的出口压力，并使介质的出口压力保持相对稳定，但进口压力与出口压力之差必须大于或等于0.5bar产品。

主要零件材料(Main Parts and Materials)

零件名称 Name	阀体、阀盖 Valve Body, Bonnet	阀瓣、密封圈 Disc, Seal ring	波纹管 Bellows	阀杆 Copper Nut	调节弹簧 Regulate spring	辅助弹簧 Auxiliary spring
材料 Material	碳钢 Carbon steel	不锈钢、青铜 Stainless Steel Bronze	不锈钢 Stainless Steel	不锈钢 Stainless Steel	铬锰钢 Chromium manganese steel	铬钒钢 Chromium vanadium steel

结构示意图(Structural Diagram)



注：公称压力为PN10、PN16 Notice: Nominal pressurePN10、PN16

Overview

Y44T-10 and Y44H-16 bellows pressure reducing valves are used in non-corrosive pipeline such as steam and air etc. Below 180°C. Adjust it to make the medium pressure relatively stable. However, the difference of inlet and outlet pressure should >0.5bar.

主要尺寸(Main External Sizes)

公称通径 DN	尺寸 (mm)		
	L	H1	H2
20	140	87	293
25	160	87	293
32	180	92	293
40	200	100	308
50	230	106	308
65	260	123	310
80	310	140	380
100	350	150	400

设计与应用标准(Design and Application Standard)

- 1、设计与制造标准:GB/T 12244-1989
- 2、连接法兰标准:JB/T 78-1994、JB/T 79-1994
- 3、结构长度标准:GB/T 12221-2005
- 4、检验与试验标准:GB/T 12245-1989
- 1、design and manufacture standard: GB/T 12244-1989
- 2、connecting flange standard: JB/T 78-1994、JB/T 79-1994
- 3、end to end standard: GB/T 12221-2005
- 4、test and inspection standard: GB/T 12245-1989

弹簧活塞式减压阀 Spring Piston Pressure Reducing Valve

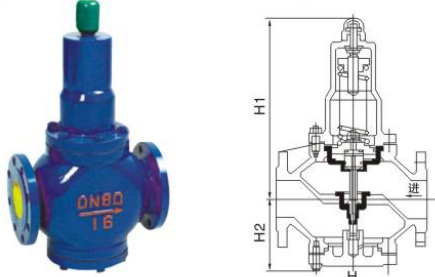
概述

Y410型、Y416型、Y425型弹簧活塞式减压阀适用于工作温度0~90℃的水、空气和非腐蚀性液体管路上，在高层建筑的冷水供水和消防供水系统中，可取代常规的分区水管，简化和节省系统的设备，降低工程造价。本阀比原膜片式减压阀使用寿命提高3倍以上。

主要零件材料(Main Parts and Materials)

零件名称 Name	阀体、上盖、下盖 Valve Body Top cover, Lower cover	活塞 Piston	缸套 Cylinder sleeve	阀杆 Stem	调节弹簧 Regulate spring
材料 Material	灰铸铁、碳钢 Gray casting iron Carbon steel	不锈钢 Stainless steel	不锈钢 Stainless steel	不锈钢 Stainless steel	铬锰钢 Chromium manganese steel

结构示意图(Structural Diagram)



注：公称压力为PN10、PN16 Notice: Nominal pressurePN10、PN16

Overview

Y410 type, Y416 type, Model Y425 spring piston type pressure reducing valves are suitable to working temperature of 0-90°C water, airs and non-corrosivity at the liquid pipeline, the cold/hot water supply in the skyscraper and water-supply system of fire control. It can replace the routine water pipe in sub area, simplify and save the equipments, reduce the fabrication cost of the project service life. This valve improves by more than 3 times compared with original diaphragm type pressure relief valves.

主要尺寸(Main External Sizes)

公称通径 DN	尺寸 (mm)		
	L	H1	H2
15	160	170	75
20	160	170	75
25	180	188	77
32	200	192	82
40	200	270	98
50	220	270	98
65	280	310	138
80	310	403	152
100	350	448	170
125	450	570	222
150	520	590	242
200	550	640	262

设计与应用标准(Design and Application Standard)

- 1、设计与制造标准:GB/T 12244-2006
- 2、连接法兰标准:JB/T 78-1994、JB/T 79-1994、GB/T 9113、GB/T 17241.6
- 3、结构长度标准:GB/T 12221-2005
- 4、检验与试验标准:GB/T 12245-1989
- 1、design and manufacture standard: GB/T 12244-2006
- 2、connecting flange standard: JB/T 78-1994、JB/T 79-1994、GB/T 9113、GB/T 17241.6
- 3、end to end standard: GB/T 12221-2005
- 4、test and inspection standard: GB/T 12245-1989

减压阀系列 Pressure Reducing Valve Series

全国免费热线：4001-899-439

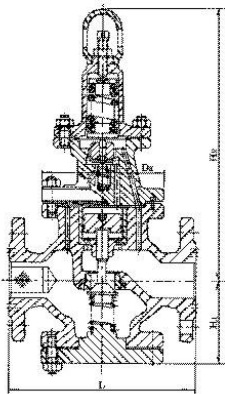
概述 Summary

本公司生产的Y43H蒸汽减压阀适用于蒸汽管路上。通过减压阀的调节，可使进口压力降至某一需要的出口压力，当进口压力或流量变动时，减压阀依靠介质本身的能量可自动保持出口压力在小范围内波动。

Y43H steam relief pressure valve that our company produces is suitable for the steam pipework. Through the regulation of the relief pressure valve, can make the inlet pressure drop to some one export pressure needed, at the change, relief pressure valve rely on energy, medium of itself can keep pressure of exporting in fluctuate as inlet pressure or flow among a small circle automatically.

主要零件材料 Major part material

零件名称Part name	材料Material
阀体、阀盖 Valve body, valve covering	灰铸铁、铸钢、不锈钢 Gray casting iron, casts steel, stainless steel
付阀瓣、付阀座、膜片、主阀瓣、主阀座、活塞 One pair of valves one, one pair of valves seat, membrane Slice Main valve one, main valve seat, piston	不锈钢stainless steel
付阀弹簧、主阀弹簧 One pair of valves spring, main valve spring	铬钒钢Chromium vanadium steel
调节弹簧Regulate the spring	硅锰钢Silico-manganese steel
活塞环Piston-ring	合金铸铁Alloy casting iron



主要外形尺寸 Main external dimension

(法兰尺寸 按JB/T79-94标准)

公称压力 (MPa) Nominal pressure	公称通径 DN(mm) Nominal Diameter	尺寸(mm) Size		
		L	H1	H2
1.6	20	160	89	312
	25	180	101	315
	32	200	107	320
	40	220	113	325
	50	250	120	335
	65	260	125	340
	80	310	140	360
	100	350	150	390
	125	400	190	415
	150	450	205	440
	200	500	220	475
	250	600	270	545
2.5	300	800	335	575
	350	850	390	650
	400	900	430	705
	25	200	101	315
	32	200	107	320
	40	220	113	325
	50	250	120	335
	65	260	125	340
	80	310	140	360
	100	350	150	390
	125	400	190	425
	150	450	210	445
4.0	200	500	245	485
	250	600	270	545
	300	800	335	575
	350	850	390	650
	400	900	430	710
	25	200	101	315
	32	220	107	320
	40	240	113	325
	50	270	120	335
	65	280	140	365
	80	330	150	385
	100	380	150	385
6.3 (6.4)	125	450	190	425
	150	500	210	445
	200	560	245	485
	25	200	110	370
	32	220	125	380
	40	240	130	395
	50	270	135	405
	65	300	145	410
	80	330	170	445
	100	380	175	455
	125	450	245	504
	150	500	280	555
	200	560	310	581



调节阀系列 Regulating Valve Series

全国免费热线：4001-899-439

手动调节阀、自锁手动调节阀Manual adjusting valves and self-lock adjusting valves

概述

手动调节阀及自锁手动调节阀主要用于城市集中供热，循环水工程热电厂管网和制冷空调等工程中，具有截止、节流和调节流量的作用，可取代节流孔板，是一种可变孔径的节流装置。

主要技术性能(Main technical feature)

公称压力 PN(MPa) Nominal pressure	试验压力 (MPa) test pressure		200℃	300℃	350℃	适用介质 suitable medium
	壳体 Shell	密封 Seal	工作压力P(MPa) Working pressure			
1.0	1.5	1.1	1.0	/	/	水、蒸汽 water, steam
1.6	2.4	1.76	1.6	/	/	
2.5	3.75	2.75	2.5	2.2	1.8	

设计与应用标准

- 设计与制造标准:CJ/T 25-1999、GB/T 12233-1989、GB/T 12235-1989
- 连接法兰标准:JB/T 78-1994、JB/T 79-1994
- 结构长度标准:GB/T 12221-2005、厂标
- 检验与试验标准:JB/T9092-1999

主要外型尺寸(Main External Sizes)

型号Type	DN	L	H	H ₁	D ₀
TJ40H-16 TJ40H-16C TS40H-16 TS40H-16C TJ40H-25 TS40H-25	15	130	160	172	65
	20	150	160	172	65
	25	160	182	195	80
	32	180	192	210	80
	40	200	250	273	120
	50	230	264	290	120
	65	290	380	426	200
	80	310	413	468	200
	100	350	466	530	240
	125	400	540	613	260
TJ40H-10 TJ40H-10C	150	480	623	698	360
	200	500	687	777	400
	250	622	914	1074	500
	300	638	914	1074	500
	350	787	968	1168	680
	400	914	968	1168	680
	450	978	1100	1350	720
	500	978	1440	1440	800
TJ10H-10 TJ10H-16C TJ10H-25C	600	1295	1790	1790	800
	15	90	150	160	80
	20	100	160	170	80
	25	120	182	197	80
	32	140	192	207	90
	40	170	250	270	100
	50	200	264	284	120

Overview

Manual adjusting valves and self-lock adjusting valves are mainly used in urban integrated heat supply system, in circulating water project in thermal power plant, refrigerating air-conditioning and etc., functioned to cut off, throttle and adjust flow. As a type of throttle device with changeable bore diameters, they can substitute throttle orifice plates.

主要零件材质(Main parts and materials)

零件材料 Name	阀体、阀盖、 填料压盖 Valve body, Bonnet, Packing gland	阀杆、阀瓣、 密封圈 Valve stem, Disc, Seal and enclose	指示盘、阀杆螺母、 螺母套 indicator panel, stem nut, Nut set
材料 Material	灰铸铁、铸钢、 不锈钢 Gray cast iron, Cast iron, Stainless steel	不锈钢 Stainless steel	黄铜 Brass

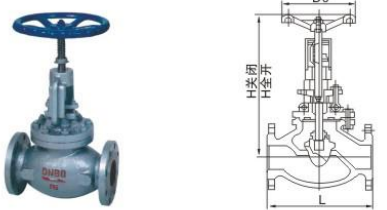
Design and Application Standard

- design and manufacture standard: CJ/T 25-1999、GB/T 12233-1989、GB/T 12235-1989
- connecting flange standard: JB/T 78-1994、JB/T 79-1994
- end to end standard: GB/T12221-2005、manufacturer standard
- test and inspection standard: JB/T9092-1999

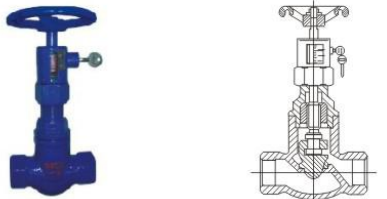
结构示意图(Structural Diagram)



TJ40H法兰连接手动调节阀
TJ40H flange type manual Adjusting Valve



TS40H法兰连接自锁手动调节阀
TS40H flange type Self-locking manual Adjusting Valve



TS10H螺纹连接自锁手动调节阀
TS10H Thread type Self-locking Manual adjusting Valve

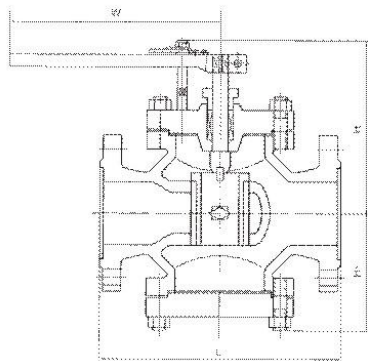
调节阀系列 Regulating Valve Series

全国免费热线：4001-899-439

给水回转式调节阀 Feed-Water level rgeulating valve



T40H-16~100(C)



主要外形和连接尺寸 Main External and Connection Dimension

单位 Unit:mm

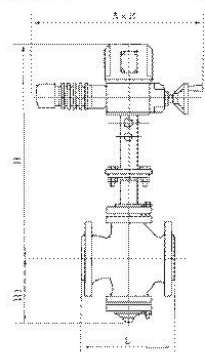
公称口径 DN(mm) Nominal Diameter	PN1.6/2.5MPa				PN4.0/6.4/10.0MPa			
	L	H	H ₁	W	L	H	H ₁	W
T40H-16 T40H-16C T40H-25 T40H-40 T40H-64 T40H-100								
20	160	180	90	140	180	185	100	150
25	180	200	100	150	200	210	110	160
32	200	205	100	180	220	220	110	190
40	220	210	120	200	240	225	135	210
50	250	230	120	230	270	250	135	245
65	280	240	130	240	300	250	140	270
80	310	250	150	270	330	260	160	300
100	350	280	150	300	380	300	180	330
125	400	290	190	350	450	310	200	380
150	450	300	205	380	500	320	220	420
200	550	325	270	440	550	340	230	500
250	650	330	270	400	650	360	300	560
300	800	450	335	650	800	480	370	720



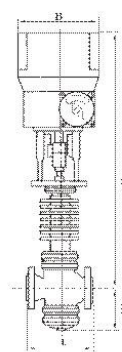
调节阀系列 Regulating Valve Series

全国免费热线：4001-899-439

电动调节阀系列 Electric Regulating Valve



(ZAZP常温型)
(ZAZP ordinary temperature type)



(ZAZP散热型)
(ZAZP heat radiation type)

主要外形和连接尺寸 Main External and Connection Dimension

单位 Unit:mm

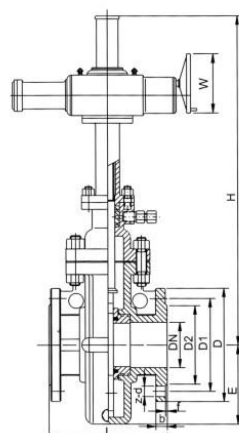
公称口径 DN(mm) Nominal Diameter	L			ZAZP型 Type		H ₁	ZAZP型 Type		H ₁	A (长) Long	B (宽) Width	电动执行 机构 型号 Electric actuator frame- work type	输出 推力 Mpa (kgf/cm ²) Output thrust	行程 h (mm) Journey	额定流量 系数C Rating flux coefficient			
	PN1.6 (Mpa)	PN4.0 (Mpa)	PN6.4 (Mpa)	H			H								单座 One- seater	双座 Two- seater		
				常温型 Normal tempe- rature	散热型 Heatscat- tering type		常温型 Normal tempe- rature	散热型 Heatscat- tering type										
20	180	185	190	495	655	95	-	-	-	490	230	ZAZ-25 KDZ-310	2.5、40 (25.400)	10	1.2-5	-		
25	185	190	205	767	928	112	767	937	117						16	8	10	
32	200	210	220	793	940	118	793	943	120							25	12	16
40	220	230	240	812	962	129	832	982	139								20	25
50	250	255	265	842	993	144	842	992	144							32	40	
65	275	285	295	967	1127	178	987	1147	188						520	260	KDZ-410	64 (640)
80	305	310	325	990	1142	191	1017	1177	208	80	100							
100	350	355	370	999	1151	195	1041	1207	220	120	160							
125	410	425	440	1092	1307	245	1142	1357	270	200	250							
150	450	460	475	1112	1327	255	1162	1377	280	60	280	400						
200	550	560	570	1187	1402	290	1244	1459	320		450	630						
250	670	740	750	-	-	-	1472	1599	440	630	260	KDZ-510	160 (1600)	100	700	1000		
300	770	805	820	-	-	-	1530	1747	502						1000	1600		

平板闸阀系列 Flat Gate Valve Series

全国免费热线：4001-899-439



Z9B43^{DF}_{DY}-1.6~2.5MPa 电动有导流孔平板闸阀 Electric Through Guide Gate Valve with Diversion Holes



公称压力 PN(MPa) Nominal pressure	1.6	2.5
壳体试验压力 (MPa) Shell test pressure	2.4	3.75
密封试验压力 (MPa) Seal test pressure	1.76	2.75
适用介质 Suitable medium	水、油品、天然气等 Water, Oil, Gas etc	
适用温度 Suitable temperature	-29℃~121℃	

法兰标准 Flange standard: GB/T9113-2010
结构长度 End to end standard: GB 12221-2005

主要外形和连接尺寸 Main External and Connection Dimension

单位 Unit:mm

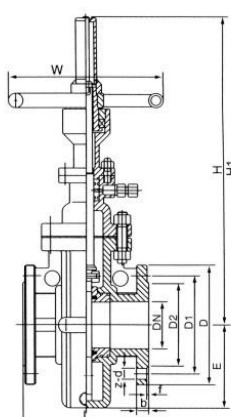
公称压力PN(MPa) Nominal pressure	公称口径DN(mm) Nominal Diameter	尺寸 (mm) Size												
		L	D	D1	D2	b	f	Z-d	H	H1	E	W		
1.6	40	165	150	110	84	18	2	4-18	365	415	90	305		
	50	178	165	125	99	20	2	4-18	387	455	105	305		
	65	190	185	145	118	20	2	4-18	466	545	133	305		
	80	203	200	160	132	20	2	8-18	520	645	156	305		
	100	229	220	180	156	22	2	8-18	655	740	182	305		
	125	254	250	210	184	22	2	8-18	743	864	226	305		
	150	267	285	240	211	24	2	8-22	823	980	269	305		
	200	292	340	295	266	24	2	12-22	1010	1210	350	305		
	250	330	405	355	319	26	2	12-26	1220	1470	412	305		
	300	356	460	410	370	28	2	12-26	1405	1805	505	305		
	350	381	520	470	429	30	2	16-26	1580	1950	560	458		
	400	406	580	525	480	32	2	16-30	1777	2197	65	458		
	450	432	640	585	548	34	2	20-30	1872	2458	748	458		
	500	457	715	650	609	34	2	20-33	2132	3652	817	458		
	600	508	840	770	720	36	2	20-36	2545	3201	920	458		
	700	610	910	840	794	38	2	24-36	2845	3542	1326	500		
	800	660	1025	950	901	38	2	24-39	3230	4121	1864	500		
	900	711	1125	1050	1001	40	2	29-39	3670	4650	2031	600		
2.5	40	165	150	110	84	18	2	4-18	365	415	90	305		
	50	178	165	125	99	20	2	4-18	387	455	105	305		
	65	190	185	145	118	22	2	8-18	466	545	133	305		
	80	203	200	160	132	24	2	8-18	520	645	156	305		
	100	229	235	190	156	24	2	8-22	655	740	182	305		
	125	254	270	220	184	26	2	8-26	743	864	226	305		
	150	267	300	250	211	28	2	8-26	823	980	269	305		
	200	292	360	310	274	30	2	12-26	1010	1210	350	305		
	250	330	425	370	330	32	2	12-30	1220	1470	412	305		
	300	356	485	430	389	34	2	16-30	1405	1805	505	305		
	350	381	555	490	448	38	2	16-33	1580	1950	560	458		
	400	406	620	550	503	40	2	16-36	1777	2197	665	458		
	450	432	670	600	548	42	2	20-36	1872	2458	748	458		
	500	457	730	660	609	44	2	20-36	2132	2652	817	458		
	600	508	845	770	720	46	2	20-39	2545	3201	920	458		
	700	610	960	875	820	46	2	24-42	2845	3542	1326	500		
	800	660	1085	990	928	50	5	24-48	3230	4121	1864	500		
	900	711	1185	1090	1028	54	5	28-48	3670	4650	2031	500		



平板闸阀系列 Flat Gate Valve Series

全国免费热线：4001-899-439

Z43^{DY}_{DF}-1.6~2.5MPa 有导流孔平板闸阀 Through Guide Gate Valve with Diversion Holes



公称压力 PN(MPa) Nominal pressure	1.6	2.5
壳体试验压力 (MPa) Shell test pressure	2.4	3.75
密封试验压力 (MPa) Seal test pressure	1.76	2.75

适用介质
Suitable medium

水、油品、天然气等
Water, Oil, Gas etc

适用温度
Suitable temperature

-29°C~121°C

法兰标准 Flange standard: GB/T9113-2010
结构长度 End to end standard: GB 12221-2005

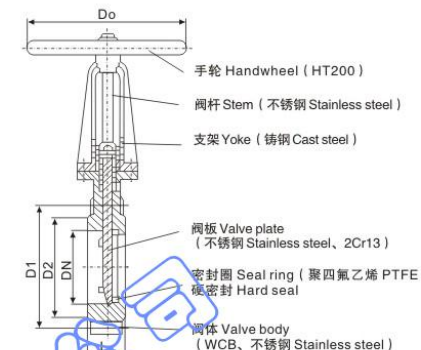
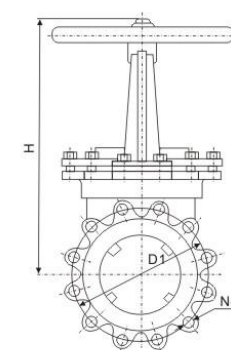
主要外形和连接尺寸 Main External and Connection Dimension 单位 Unit:mm

公称压力PN(MPa) Nominal pressure	公称通径DN(mm) Nominal Diameter	尺寸(mm)									
		L	D	D1	D2	b	f	Z-d	H	H1	W
1.6	40	165	150	110	84	18	2	4-18	365	415	200
	50	178	165	125	99	20	2	4-18	387	455	200
	65	190	185	145	113	20	2	4-18	466	545	200
	80	203	200	160	132	20	2	8-18	520	645	250
	100	229	220	180	156	22	2	8-18	655	740	250
	125	254	250	210	184	22	2	8-18	743	864	300
	150	267	285	240	211	24	2	8-22	823	980	300
	200	292	340	295	266	24	2	12-22	1010	1210	320
	250	330	405	355	319	26	2	12-26	1220	1470	350
	300	356	460	410	370	28	2	12-26	1405	1805	350
	350	381	520	470	429	30	2	16-26	1580	1950	400
	400	406	580	525	480	32	2	16-30	1777	2197	400
	450	432	640	585	548	34	2	20-30	1872	2458	450
	500	457	715	650	609	34	2	20-33	2132	3652	500
	600	508	840	770	720	36	2	20-36	2545	3201	BA-1
	700	610	910	840	794	38	2	24-36	2845	3542	BA-1
2.5	800	660	1025	950	901	38	2	24-39	3230	4121	BA-2
	900	711	1125	1050	1001	40	2	29-39	3670	4650	BA-3
	40	165	150	110	84	18	2	4-18	365	415	200
	50	178	165	125	99	20	2	4-18	387	455	200
	65	190	185	145	113	20	2	8-18	466	545	200
	80	203	200	160	132	24	2	8-18	520	645	250
	100	229	235	190	156	24	2	8-22	655	740	250
	125	254	270	220	184	26	2	8-26	743	864	300
	150	267	300	250	211	28	2	8-26	823	980	300
	200	292	360	310	274	30	2	12-26	1010	1210	320
	250	330	425	370	330	32	2	12-30	1220	1470	350
	300	356	485	430	389	34	2	16-30	1405	1805	350
	350	381	555	490	448	38	2	16-33	1580	1950	400
	400	406	620	550	503	40	2	16-36	1777	2197	400
	450	432	670	600	548	42	2	20-36	1872	2458	450
	500	457	730	660	609	44	2	20-36	2132	3652	500
	600	508	845	770	720	46	2	20-39	2545	3201	BA-1
	700	610	960	875	820	46	2	24-42	2845	3542	BA-1
	800	660	1085	990	928	50	5	24-48	3230	4121	BA-2
	900	711	1185	1090	1028	54	5	28-48	3670	4650	BA-3

刀型闸阀系列 Knife Gate Valve Series

全国免费热线：4001-899-439

PZ73^H_X^{0.6}_Y-1.0^{1.0}_F^{1.6}_N 手动刀型闸阀 Manual knife type gate valves



主要性能范围 Main performance range

公称压力 PN(MPa) Nominal pressure	试验压力 Test pressure (MPa)		工作温度(°C) Working temperature	适用介质 Applicable medium
	壳体 Shell	密封 Seal		
1.0	1.5	1.1	橡胶 Rubber ≤80°C	糖浆、纸浆、污水、煤浆 Syrup, paper pulp, waste water, coal slurry
1.6	2.4	1.8	Y _H ≤425°C	灰、渣水混合物 Ash, slag and water mixture

主要零部件材质 Main parts material

体、盖 Body and cover	闸板 Gate	阀杆 Stem	密封面 Sealing surface
不锈钢、碳钢 Stainless steel, Carbon steel	不锈钢、碳钢 Stainless steel, Carbon steel	不锈钢 Stainless steel	橡胶、四氟、 不锈钢、硬质合金 Rubber, PTFE, Stainless steel, hard alloy

主要外形和连接尺寸 Main External and Connection Dimension 单位 Unit:mm

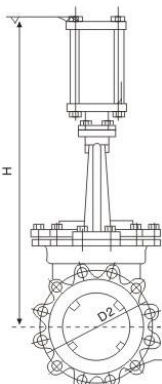
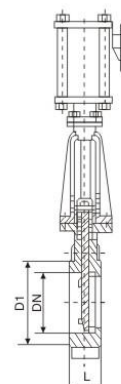
公称压力PN(MPa) Nominal pressure	公称通径DN(mm) Nominal Diameter	L	D	D1	D2	H	N-M	D0
1.0	50	48	160	125	100	285	4-M16	180
	65	48	180	145	120	298	4-M16	180
	80	50	195	160	135	315	8-M16	220
	100	50	215	180	155	365	8-M16	220
	125	52	245	210	185	400	8-M16	230
	150	57	280	240	210	475	8-M20	280
	200	60	335	295	265	540	8-M20	360
	250	70	390	350	320	630	12-M20	360
	300	76	440	400	368	780	12-M20	400
	350	89	500	460	428	885	16-M20	400
	400	98	565	515	482	990	16-M22	400
	450	110	615	565	532	1100	20-M22	530
	500	114	670	620	585	1200	20-M22	530
	600	114	780	725	685	1450	20-M27	600
	50	48	160	125	100	285	4-M16	180
	65	48	185	145	120	295	4-M16	180
1.6	80	50	200	160	135	315	8-M16	220
	100	50	220	180	155	365	8-M16	220
	125	52	250	210	185	400	8-M16	230
	150	57	285	240	210	475	8-M20	280
	200	60	340	295	265	540	12-M20	360
	250	70	405	355	320	630	12-M22	360
	300	76	460	410	375	780	12-M22	400
	350	89	520	470	435	885	16-M22	400
	400	98	580	525	485	990	16-M27	400
	450	110	640	585	545	1100	20-M27	530
	500	114	715	650	608	1200	20-M30	530
	600	114	840	770	718	1450	20-M36	600



刀型闸阀系列 Knife Gate Valve Series

全国免费热线：4001-899-439

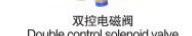
PZ673 X 0.6 Y 1.0 F 1.6 N 气动刀型闸阀 Pneumatic knife type gate valves



单控电磁阀
Single control
solenoid valve



接近开关
Proximity switch



双控电磁阀
Double control solenoid valve

可选附件 Optional Accessories

- 单或双控电磁阀(有24V、220V等电压供选择, 必要时可选防爆电磁阀)。
- 接近开关。
- 气源处理三件 (包括减压阀、过滤器、油雾器)。
- 电/气阀门定位器 (调节型用)。
- Single or double control solenoid valve (with 24V, 220V and other voltage supply options, optional explosion-proof solenoid valve if necessary).
- Proximity switch.
- Air source treatment of triple parts (including pressure relief valve, filter, oil mist device).
- Electric / gas valve positioner (for regulating type).

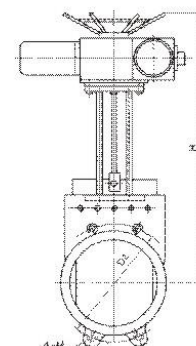
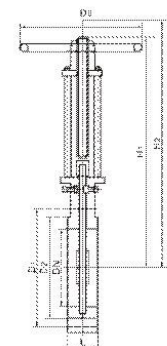
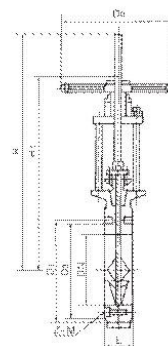
主要外形和连接尺寸 Main External and Connection Dimension 单位 Unit:mm

公称压力PN(MPa) Nominal pressure	公称通径DN(mm) Nominal Diameter	L	D	D1	D2	H	N-M
0.6	50	48	140	110	90	335	4-M12
	65	48	160	130	110	363	4-M12
	80	50	185	150	125	395	4-M16
	100	50	205	170	145	465	8-M16
	125	52	235	200	175	530	8-M16
	150	57	260	225	200	630	8-M16
	200	60	315	280	255	750	8-M16
	250	70	370	335	310	900	12-M16
	300	76	435	395	362	1120	12-M20
	350	89	485	445	412	1260	12-M20
	400	98	535	495	462	1450	16-M20
	450	110	590	550	518	1600	16-M20
1.0	500	114	640	600	568	1800	16-M20
	600	114	755	705	670	2300	20-M22
	50	48	160	125	100	335	4-M16
	65	48	180	145	120	363	4-M16
	80	50	195	160	135	395	8-M16
	100	50	215	180	155	465	8-M16
	125	52	245	210	185	530	8-M16
	150	57	280	240	210	630	8-M20
	200	60	335	295	265	750	8-M20
	250	70	390	350	320	900	12-M20
	300	76	440	400	368	1120	12-M20
	350	89	500	460	428	1260	16-M20
1.6	400	98	565	515	482	1450	16-M22
	450	110	615	565	532	1600	20-M22
	500	114	670	620	585	1800	20-M22
	600	114	780	725	685	2300	20-M27
	50	48	160	125	100	335	4-M16
	65	48	185	145	120	363	4-M16
	80	50	200	160	135	395	8-M16
	100	50	220	180	155	480	8-M16
	125	52	250	210	185	540	8-M16
	150	57	285	240	210	645	8-M20
	200	60	340	295	265	770	12-M20
	250	70	405	355	320	920	12-M22

浆液阀系列 Slurry Valve

全国免费热线：4001-899-439

Z73/573/673/973X-2.5-16C



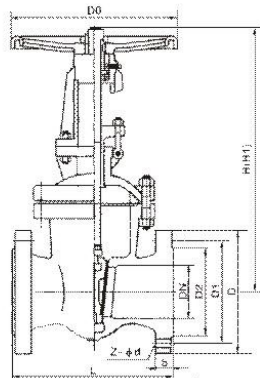
主要尺寸及重量 Main dimensions and weight

公称通径DN(mm) Nominal Diameter	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions						
	L	D1	D2	Z-M	H	H1	D0
Z73X-2.5 Z73X-6 Z73X-10 Z573X-2.5 Z573X-6 Z573X-10 Z673X2.5 Z673X-6 Z673X-10 Z973X-2.5 Z973X-6 Z973X-10							
50	40	125	100	4-M16	337	268	180
65	40	145	120	4-M16	357	291	180
80	50	160	135	8-M16	400	316	180
100	50	180	155	8-M16	466	364	200
150	60	270	210	8-M20	633	478	240
200	60	295	265	8-M20	744	543	280
250	70	350	318	12-M20	940	687	360
300	70	400	368	12-M20	1087	783	360
350	80	460	430	16-M20	1238	885	400
400	80	515	482	16-M24	1394	994	400
450	90	565	532	20-M24	1550	1100	400
500	90	620	585	20-M24	1700	1200	400
600	100	725	685	20-M27	2080	1480	400
700	100	840	800	24-M27	1720	2470	800
800	120	950	905	24-M30	2000	2900	800
900	150	1050	1005	28-M30	2130	3100	800
Z73X-16C Z573X-16C Z673X-16C Z973X-16C							
200	60	295	180	12-M20	754	552	240
250	68	355	230	12-M24	945	692	240
300	78	410	280	12-M24	1010	788	370
350	78	470	330	16-M24	1245	890	370
400	102	525	380	16-M24	1685	1000	400
450	114	585	430	20-M27	1835	1110	400
500	127	650	480	20-M30	1926	1230	400
600	154	770	700	20-M36	2360	1500	800



楔式闸阀 Wedge Gate Valves

全国免费热线：4001-899-439



产品执行标准Production enforce standard

产品规范 Product specification	设计规范 Design spec	结构长度 Face to face	连接法兰 Flange end	试验与检验 Test & check	压力-温度 Pressure-temp	产品标识 Marking
	GB/T12234	JB/T7746	JB/T79	GB/T13927-92	GB/T9131	GB/T12220

产品性能规范Chief property and specification

1、试验压力 Test pressure

公称压力 PN(MPa) Nominal pressure	壳体 Shell	试验压力(MPa) Test pressure		上密封 Back seat	壳体材料 Shell material	适用介质 Applicable medium	适用温度℃ Applicable temperature
		密封(液) Seal	密封(气) Seal				
1.6	2.4	1.8	0.6	1.8	碳素钢(C型)	水、蒸汽、油品 Water, steam, oil goods	≤425
2.5	3.8	2.8	0.6	2.8	铬镍钛钢(P型)	硝酸类 Nitric acid	≤200
4.0	6.0	4.4	0.6	4.4	铬镍钼钛钢(R型)	醋酸类 Acetic acid	≤200
6.4	9.6	7.0	0.6	7.0			
10.0	15.0	11.0	0.6	11.0	铬钼钢(I型)	水、蒸汽、油品 Water, steam, oil goods	≤550
16.0	24.0	18.0	0.6	18.0			

2、适用介质及适用温度 Applicable medium & Applicable temperature

主要零件材料Material for main parts

阀体、阀盖 Body bonnet	阀板、阀座 Wedge disc, seat ring	阀杆 Stem	阀杆螺母 Yoke nut	填料Packing	手轮 Hand wheel
碳素钢 Carburizing steel	优质碳钢+硬质合金或不锈钢 High-grade carbon steel+ carbide alloy or stainless steel	铬不锈钢 Cr. stainless steel	铝青铜 Al bronze	石墨石棉盘根 Graphite, asbestos coils	可锻铸铁 Foraeable cast-iron
铬镍钛钢 Cr, Ni, steel	不锈钢、不锈钢+硬质合金 Stainless steel or+carbide alloy	铬镍钛不锈钢 Cr, Ni, Ti stainless steel	铝青铜 Al bronze	浸聚四氟乙烯 Dipping polytetrafluoroethylene	可锻铸铁 Foraeable cast-iron
铬镍钼钛钢 Cr, Ni, Mo, Ti steel	不锈钢、不锈钢+硬质合金 Stainless steel or+carbide alloy	铬镍钼钛不锈钢 Cr, Ni, Ti stainless steel	铝青铜 Al bronze	烯石棉盘根 Asbestos coil	可锻铸铁 Foraeable cast-iron
铬钼钢 Cr, Mo steel	合金钢+硬质合金 Alloy steel+carbide alloy	铬钼钼钢 Cr, Mo Al steel	铝青铜 Al bronze	柔性石墨 Flexibie graphite	可锻铸铁 Foraeable cast-iron

楔式闸阀 Wedge Gate Valves

全国免费热线：4001-899-439



Z40/Z41/KZ41-PN16~160

主要外形和连接尺寸Main External and Connection Dimension

单位Unit:mm

公称通径DN(mm) Nominal diameter	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions									
	L	D	D1	D2	b	f	Z-d	H	H1	Do
Z40H Z41Y-16	Z40Y-16P	Z40Y-16R	Z40W-16P	Z40W-16R	Z40Y-16I	(KZ41Y)				
15	130	95	65	45	14	2	4-14	220	240	120
20	150	105	75	55	14	2	4-14	255	284	140
25	160	115	85	65	14	2	4-14	275	303	160
32	180	135	100	78	16	2	4-18	280	321	180
40	200	145	110	85	16	3	4-18	300	352	200
50	250	160	125	100	16	3	4-18	358	438	240
65	265	180	145	120	18	3	4-18	375	450	240
80	280	195	160	135	20	3	8-18	438	528	280
100	300	215	180	155	20	3	8-18	502	620	320
125	325	245	210	185	22	3	8-18	612	753	360
150	350	280	240	210	24	3	8-23	676	847	360
200	400	335	295	265	26	3	12-23	820	1039	400
250	450	405	355	320	30	3	12-25	969	1245	450
300	500	460	410	375	30	3	12-25	1142	1472	560
350	550	520	470	435	34	4	16-25	1280	1450	640
400	600	580	525	485	36	4	16-30	1452	1887	640
450	650	640	585	545	40	4	20-30	1541	2011	720
500	700	705	650	608	44	4	20-34	1676	2181	720
600	800	840	770	718	48	5	20-41	1874	2346	800
700	900	910	840	788	50	5	24-41	2489	2700	900
800	1000	1020	950	898	52	5	28-41	2643	2860	1000
900	1100	1120	1050	998	54	5	28-41	2590	3170	1000
1000	1200	1255	1170	1110	56	5	28-48	2750	3430	1100
Z40H Z41Y-25	Z40Y-25P	Z40Y-25R	Z40W-25P	Z40W-25R	Z40Y-25I	(KZ41Y)				
15	130	95	65	45	16	2	4-14	220	240	120
20	150	105	75	55	16	2	4-14	255	284	140
25	160	115	85	65	16	2	4-14	275	303	160
32	180	135	100	78	18	2	4-18	280	321	180
40	200	145	110	85	18	3	4-18	300	352	200
50	250	160	125	100	20	3	4-18	358	438	240
65	265	180	145	120	22	3	8-18	375	450	240
80	280	195	160	135	22	3	8-18	433	528	280
100	300	230	190	160	24	3	8-23	502	620	320
125	325	270	220	188	28	3	8-25	612	753	360
150	350	300	250	218	30	3	8-25	676	847	360
200	400	360	310	278	34	3	12-25	820	1039	400
250	450	425	370	332	36	3	12-30	969	1245	450
300	500	485	430	390	40	4	16-30	1142	1472	560
350	550	550	490	448	44	4	16-34	1280	1450	640
400	600	610	550	505	48	4	16-34	1452	1887	640
450	650	660	600	555	50	4	20-34	1541	2011	720
500	700	730	660	610	52	4	20-41	1676	2181	720
600	800	840	770	718	56	5	20-41	1874	2346	800
700	900	955	875	815	60	5	24-48	2489	2700	900
800	1000	1070	990	930	64	5	24-48	2643	2860	1000
900	1100	1180	1090	1025	66	5	28-54	2590	3170	1000
1000	1200	1305	1210	1140	68	5	28-56	2750	3430	1000



楔式闸阀 Wedge Gate Valves

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Z40/Z41/KZ41-PN16~160

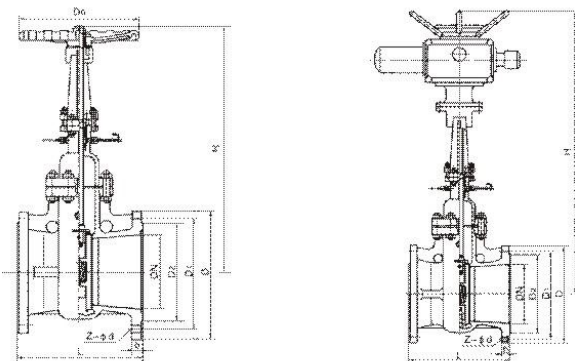
主要外形和连接尺寸Main External and Connection Dimension 单位Unit:mm

公称通径DN(mm) Nominal diameter	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions												
	L	D	D1	D2	D6	b	f	f2	Z-d	H	H1	Do	
Z40H Z41Y-40	Z40H Z41Y-40P	Z40H Z41Y-40R	Z40H Z41Y-40P	Z40H Z41Y-40R	Z40H Z41Y-40P	Z40H Z41Y-40R	Z40H Z41Y-40P	Z40H Z41Y-40R	Z40H Z41Y-40P	Z40H Z41Y-40R	Z40H Z41Y-40P	Z40H Z41Y-40R	(KZ41Y)
20	150	105	75	55	51	16	2	4	4-14	256	285	140	
25	160	115	85	65	58	16	2	4	4-14	275	305	160	
32	180	135	100	78	66	18	2	4	4-18	287	322	180	
40	200	145	110	85	76	18	3	4	4-18	323	369	200	
50	250	160	125	100	88	20	3	4	4-18	372	440	280	
65	280	180	145	120	110	22	3	4	8-18	395	473	280	
80	310	195	160	135	121	22	3	4	8-18	457	552	320	
100	350	230	190	160	150	24	3	4.5	8-23	552	671	360	
125	400	270	220	188	176	28	3	4.5	8-25	634	726	400	
150	450	300	250	218	204	30	3	4.5	8-25	708	883	400	
200	550	375	320	282	260	38	3	4.5	12-30	858	1086	450	
250	650	445	385	345	313	42	3	4.5	12-34	1015	1298	560	
300	750	510	450	408	364	46	4	4.5	16-34	1203	1535	640	
350	850	570	510	465	422	52	4	5	16-34	1341	1678	640	
400	950	665	585	535	474	58	4	5	16-41	1492	1903	720	
500	1050	755	670	612	524	60	4	5	20-41	1676	2181	800	
Z40H Z41Y-64	Z40H Z41Y-64P	Z40H Z41Y-64R	Z40H Z41Y-64P	Z40H Z41Y-64R	Z40H Z41Y-64P	Z40H Z41Y-64R	Z40H Z41Y-64P	Z40H Z41Y-64R	Z40H Z41Y-64P	Z40H Z41Y-64R	Z40H Z41Y-64P	Z40H Z41Y-64R	(KZ41Y)
20	190	125	90	68	51	20	2	4	4-18	258	288	180	
25	210	135	100	78	58	22	2	4	4-18	310	341	200	
32	230	150	110	82	66	24	2	4	4-23	320	353	200	
40	240	165	125	95	76	24	3	4	4-23	369	389	240	
50	250	175	135	105	88	26	3	4	4-23	372	448	280	
65	280	200	160	130	110	28	3	4	8-23	395	475	280	
80	310	210	170	140	121	30	3	4	8-23	458	553	320	
100	350	250	200	168	150	32	3	4.5	8-25	553	679	360	
125	400	295	240	202	176	36	3	4.5	8-30	638	779	400	
150	450	340	280	240	204	38	3	4.5	8-34	718	893	450	
200	550	405	345	300	260	44	3	4.5	12-34	873	1100	560	
250	650	470	400	352	313	48	3	4.5	12-41	1053	1332	640	
300	750	530	460	412	364	54	4	4.5	16-41	1203	1535	640	
350	850	595	525	475	422	60	4	5	16-41	1280	1610	720	
400	950	670	585	525	474	66	4	5	20-54	1320	1660	800	
Z40H Z41Y-100	Z40H Z41Y-100P	Z40H Z41Y-100R	Z40H Z41Y-100P	Z40H Z41Y-100R	Z40H Z41Y-100P	Z40H Z41Y-100R	Z40H Z41Y-100P	Z40H Z41Y-100R	Z40H Z41Y-100P	Z40H Z41Y-100R	Z40H Z41Y-100P	Z40H Z41Y-100R	(KZ41Y)
25	210	135	100	78	58	24	2	4	4-18	310	341	200	
32	230	150	110	82	66	24	2	4	4-18	320	353	240	
40	240	165	125	95	76	26	3	4	4-23	360	389	280	
50	250	195	145	112	88	28	3	4	4-23	490	558	360	
65	280	220	170	138	110	32	3	4	8-25	540	622	400	
80	310	230	180	148	121	34	3	4	8-25	573	671	400	
100	350	265	210	172	150	38	3	4.5	8-30	575	671	400	
125	400	310	250	210	176	42	3	4.5	8-34	744	892	560	
150	450	350	290	250	204	46	3	4.5	12-34	800	972	560	
200	550	430	360	312	260	54	3	4.5	12-41	800	972	560	
250	650	500	430	382	313	60	3	4.5	12-41	1050	1305	640	
300	750	585	500	442	364	70	4	4.5	16-48	1208	1506	640	
350	850	655	560	498	422	76	4	5	16-54	1180	1610	720	
400	950	715	620	558	474	80	4	5	16-54	1320	1660	800	
Z40H Z41Y-160	Z40H Z41Y-160P	Z40H Z41Y-160R	Z40H Z41Y-160P	Z40H Z41Y-160R	Z40H Z41Y-160P	Z40H Z41Y-160R	Z40H Z41Y-160P	Z40H Z41Y-160R	Z40H Z41Y-160P	Z40H Z41Y-160R	Z40H Z41Y-160P	Z40H Z41Y-160R	(KZ41Y)
15	170	110	75	52	40	24	2	4	4-18	230	250	200	
20	190	130	90	62	51	26	2	4	4-23	260	288	200	
25	210	140	100	72	58	28	2	4	4-23	280	310	280	
32	230	165	115	85	66	30	2	4	4-25	312	350	320	
40	240	175	125	92	76	32	3	4	4-27	350	395	320	
50	300	215	165	132	88	36	3	4	8-25	512	612	360	
65	340	245	190	152	110	44	3	4	8-30	560	677	360	
80	390	260	205	168	121	46	3	4	8-30	585	686	400	
100	450	300	240	200	150	48	3	4.5	8-34	631	751	450	
125	525	355	285	238	176	60	3	4.5	8-41	723	868	560	
150	600	390	318	270	204	66	3	4.5	12-41	820	997	640	
200	750	480	400	345	250	78	3	4.5	12-48	990	1224	720	

水封闸阀 Water-sealed Gate Valves

全国免费热线：4001-899-439

DS/Z964H-16~100C
DS/Z960H/Y-40~100C



主要外形和连接尺寸Main External and Connection Dimension 单位Unit:mm

DS/Z964H-16、25

公称通径 DN(mm) Nominal Diameter	L	a	H	PN1.6(MPa)			PN2.5(MPa)		
				D	D1	电动装置 Electric device	D	D1	电动装置 Electric device
50	250	37° 30'	620	58	50	DZW10	64	49	DZW10
65	270	37° 30'	714	75	65	DZW10	82	67	DZW10
80	280	37° 30'	765	91	79	DZW10	95	77	DZW10
100	300	37° 30'	840	110	97	DZW15	117	101	DZW15
125	325	37° 30'	852	136	121	DZW15	144	126	DZW20I
150	350	37° 30'	875	163	146	DZW20I	172	158	DZW20I
200	400	37° 30'	1015	223	202	DZW20	223	202	DZW30
250	450	37° 30'	1125	278	254	DZW30	278	254	DZW30
300	500	37° 30'	1371	330	305	DZW45	330	305	DZW45
350	550	37° 30'	1485	382	352	DZW60	382	352	DZW60
400	600	37° 30'	1890	432	399	DZW60	432	399	DZW60
450	650	37° 30'	1989	485	451	DZW90	485	451	DZW90
500	700	37° 30'	2041	535	501	DZW120	535	499	DZW120
600	800	37° 30'	2285	636	601	DZW180	636	599	DZW180
700	900	37° 30'	2347	726	691	DZW250	726	689	DZW250
800	1000	37° 30'	2593	826	791	DZW350	826	789	DZW350

注：PN1.6 (16) 阀门允许作为PN1.0 (10) 压力级选用。
Annotation:PN1.6(16)valve is permit be used as PN1.0 (10) .

DS/Z960H-40、64、100

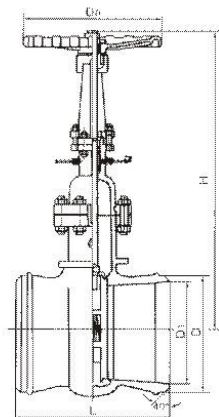
公称通径 DN(mm) Nominal Diameter	L	D	a	D1	H	电动装置 Electric device	PN4.0(MPa)		PN6.4(MPa)		PN10.0(MPa)	
							D1	H	电动装置 Electric device	D1	H	电动装置 Electric device
50	280	64	37° 30'	49	620	DZW10	50	622	DZW10	49	622	DZW10
65	310	83	37° 30'	67	714	DZW10	66	718	DZW15	64	718	DZW15
80	350	96	37° 30'	79	767	DZW15	77	770	DZW20I	75	770	DZW20I
100	400	117	37° 30'	101	845	DZW20I	99	845	DZW20I	97	845	DZW30I
125	450	144	37° 30'	126	852	DZW20I	129	852	DZW30	125	852	DZW30
150	550	172	37° 30'	152	875	DZW30	150	875	DZW30	145	965	DZW45
200	650	223	37° 30'	200	1015	DZW30	198	1105	DZW45	190	1105	DZW60
250	750	278	37° 30'	252	1215	DZW45	246	1215	DZW60	236	1237	DZW90I
300	850	330	37° 30'	302	1371	DZW60	294	1424	DZW90I	282	1424	DZW120I
350	950	382	37° 30'	350	1507	DZW90I	342	1507	DZW120I	334	1670	DZW180
400	1050	432	37° 30'	397	1912	DZW120	387	2075	DZW180	377	2075	DZW250



水封闸阀 Water-sealed Gate Valves

全国免费热线：4001-899-439

DS/Z964H-16~100C
DS/Z960H/Y-40~100C



主要外形和连接尺寸Main External and Connection Dimension

单位Unit:mm

DS/Z60H-16、25

公称通径DN(mm) Nominal diameter	L	a	H	Do	PN1.6(MPa)		PN2.5(MPa)	
					D	D ₁	D ₁	H
50	250	37° 30'	334	250	58	50	64	49
65	270	37° 30'	439	250	75	65	82	67
80	280	37° 30'	495	300	91	79	95	77
100	300	37° 30'	575	350	110	97	117	101
125	325	37° 30'	587	350	136	124	144	126
150	350	37° 30'	607	350	163	146	172	158
200	400	37° 30'	740	400	223	202	223	202
250	450	37° 30'	863	400	276	254	278	254
300	500	37° 30'	990	400	330	305	330	305
350	550	37° 30'	1137	500	382	352	382	352
400	600	37° 30'	1523	500	432	399	432	399
450	650	37° 30'	1618	600	485	451	485	451
500	700	37° 30'	1657	600	535	501	535	499
600	800	37° 30'	1746	700	636	601	636	599

注：PN1.6 (16) 阀门允许作为PN1.0 (10) 压力级选用。
Annotation:PN1.6(16)valve is permit be used as PN1.0 (10) .

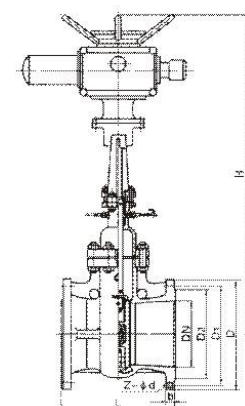
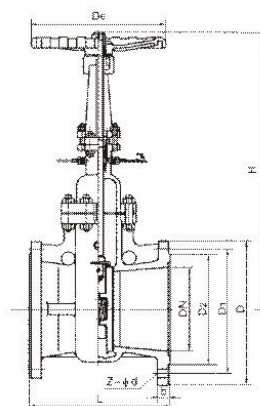
DS/Z60H-40、64、100

公称通径 DN(mm) Nominal Diameter	L	D	a	PN4.0(MPa)			PN6.4(MPa)			PN10.0(MPa)		
				D ₁	H	Do	D ₁	H	Do	D ₁	H	Do
50	250	64	37° 30'	49	345	300	50	350	300	49	350	300
65	270	83	37° 30'	67	441	300	66	447	300	64	447	300
80	280	96	37° 30'	79	495	350	77	499	350	75	499	350
100	300	117	37° 30'	101	575	350	99	582	400	97	582	400
125	325	144	37° 30'	126	587	400	129	590	400	125	590	400
150	350	172	37° 30'	152	607	400	150	611	450	145	611	450
200	400	223	37° 30'	200	740	450	198	745	550	190	747	550
250	450	278	37° 30'	252	863	550	246	867	650	236	869	650
300	500	330	37° 30'	302	1008	650	294	1008	750	282	1013	750
350	550	382	37° 30'	350	1142	750	342	1148	800	334	1148	850
400	650	432	37° 30'	397	1527	850	387	1531	900	377	1533	950

水封闸阀 Water-sealed Gate Valves

全国免费热线：4001-899-439

DS/Z44/944H-10C~100



主要外形和连接尺寸Main External and Connection Dimension

单位Unit: mm

S/Z44H-40 S/Z944H-40

公称通径 DN(mm) Nominal Diameter	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions									手动 Manual	电动 Electrically		
	L	D	D ₁	D ₂	D ₆	f	b	f ₂	Z-Φ d	H	D o	H	电动装置 Electric device
50	250	160	125	100	88	3	20	4	4-Φ13	330	300	620	DZW10
65	270	180	145	120	110	3	22	4	8-Φ18	435	300	714	DZW10
80	280	195	160	135	121	3	22	4	8-Φ18	491	350	765	DZW15
100	300	230	190	160	150	3	24	4.5	8-Φ23	573	350	840	DZW20I
125	325	270	220	188	176	3	28	4.5	8-Φ25	582	400	852	DZW20I
150	350	300	250	218	204	3	30	4.5	8-Φ25	605	400	875	DZW30
200	400	375	320	282	260	3	38	4.5	12-Φ30	739	450	1015	DZW30
250	450	445	385	345	313	3	42	4.5	12-Φ34	862	550	1225	DZW40
300	500	510	450	400	364	4	46	4.5	16-Φ34	990	650	1371	DZW60
350	550	570	510	465	422	4	52	5	16-Φ34	1139	750	1507	DZW90I
400	600	655	585	535	474	4	58	5	16-Φ41	1523	850	1912	DZW120



水封闸阀
Water-sealed Gate Valves

全国免费热线：4001-899-439

DS/Z44/944H-10C~100

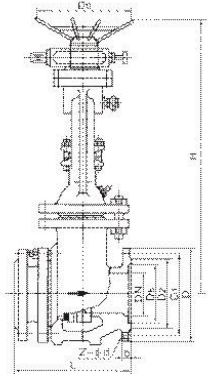
主要外形和连接尺寸Main External and Connection Dimension

公称通径 DN(mm) Nominal Diameter	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions									手动 Manuall		电动 Electricly	
	L	D	D ₁	D ₂	D ₆	f	b	f ₂	Z-Φ d	H	D o	H	电动装置 Electric device
DS/Z40H-64 DS/Z940H-64													
50	250	175	135	105	88	3	26	4	4-23	337	300	622	DZW10
65	280	200	160	130	110	3	28	4	8-23	441	300	714	DZW15
80	310	210	170	140	121	3	30	4	8-23	496	350	765	DZW20I
100	350	250	200	168	150	3	32	4.5	8-25	578	400	840	DZW20I
125	400	295	240	202	176	3	36	4.5	8-30	588	400	852	DZW30
150	450	340	280	240	204	3	38	4.5	8-34	610	450	875	DZW30
200	550	405	345	300	260	3	44	4.5	12-34	744	550	1195	DZW45
250	650	470	400	352	313	3	48	4.5	12-41	867	650	1225	DZW60
300	750	530	460	412	364	4	54	4.5	16-41	996	750	1393	DZW90O
350	850	595	525	475	422	4	50	5	16-41	1142	850	1507	DZW120I
400	950	670	585	525	474	4	66	5	16-48	1537	900	2075	DZW180
DS/Z40H-100 DS/Z940H-100													
50	250	195	145	112	88	3	28	4	4-25	337	300	622	DZW10
65	280	220	170	138	110	3	32	4	8-25	441	300	714	DZW15
80	310	230	180	148	121	3	34	4	8-25	496	350	765	DZW20I
100	350	265	210	172	150	3	38	4.5	8-30	578	400	840	DZW30I
125	400	310	250	210	176	3	42	4.5	8-34	588	400	852	DZW30
150	450	350	290	250	204	3	46	4.5	12-34	610	450	875	DZW45
200	550	430	360	312	260	3	54	4.5	12-41	744	550	1195	DZW60
250	650	500	430	382	313	3	60	4.5	12-41	867	650	1225	DZW90I
300	750	585	500	442	364	4	70	4.5	16-48	996	750	1393	DZW120I
350	850	655	560	498	422	4	76	5	16-54	1142	850	1507	DZW180
400	950	715	620	558	474	4	80	5	16-54	1537	950	2075	DZW250

排渣闸阀
Dregs-education Gate Valves

全国免费热线：4001-899-439

PZ41H/41X/941H



主要外形和连接尺寸(mm)Main External and Connection Dimension

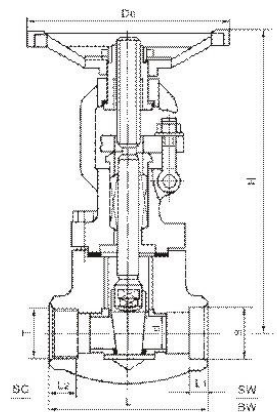
单位Unit: mm

公称压力(MPa) Nominal pressure	公称通径DN(mm) Nominal diameter	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions											
		L	D	D ₁	D ₂	D ₆	b	f	Z-Φ d	H	D o		
1.6MPa	50	250	160	125	100	-	16	3	4-18	335	250		
	80	280	195	160	135	-	20	3	8-18	510	280		
	100	300	215	180	155	-	20	3	8-18	685	300		
	150	350	280	240	210	-	24	3	8-23	790	300		
	200	400	335	295	265	-	26	3	12-23	885	350		
	250	450	405	355	320	-	30	3	12-25	1015	400		
	300	500	460	410	375	-	30	3	12-25	1190	450		
	350	550	520	470	435	-	34	4	16-25	1350	500		
	400	600	580	525	485	-	36	4	16-25	1460	500		
	450	650	640	585	545	-	40	4	20-30	1620	550		
2.5MPa	500	700	705	650	608	-	44	4	20-34	1800	550		
	50	250	160	125	100	-	20	3	4-18	335	250		
	80	280	195	160	135	-	22	3	8-18	510	280		
	100	300	230	190	160	-	24	3	8-23	685	300		
	150	350	300	250	218	-	30	3	8-25	790	300		
	200	400	360	310	278	-	34	3	12-25	885	350		
	250	450	425	370	332	-	36	3	12-30	1015	400		
	300	500	485	430	390	-	40	4	16-30	1190	450		
	350	550	550	490	448	-	44	4	16-34	1350	500		
	400	600	610	550	505	-	48	4	16-34	1460	500		
4.0MPa	450	650	660	600	555	-	50	4	20-34	1620	550		
	500	700	730	660	610	-	52	4	20-41	1800	550		
	50	250	160	125	100	88	20	3	4-18	3400	250		
	80	310	195	160	135	121	22	3	8-18	508	300		
	100	350	230	190	160	150	24	3	8-23	680	300		
	150	450	300	250	218	204	30	3	8-25	800	400		
	200	550	375	320	282	260	38	3	12-30	875	500		
	250	650	445	385	345	313	42	3	12-34	1010	500		
	300	750	510	450	408	364	46	4	16-34	1180	550		
	350	850	570	510	465	422	52	4	16-34	1145	600		
6.4MPa	400	950	655	585	535	474	58	4	16-41	1280	600		
	450	1050	680	610	560	524	60	4	20-41	1415	700		
	500	1150	755	670	612	576	62	4	20-48	1560	750		
	50	250	175	135	105	-	26	3	4-23	340	250		
	80	310	210	170	140	-	30	3	8-23	508	300		
	100	350	250	200	168	-	32	3	8-25	680	300		
	150	450	340	280	240	-	38	3	8-34	800	400		
	200	550	405	345	300	-	44	3	12-34	875	500		
	250	650	470	400	352	-	48	3	12-41	1010	500		
	300	750	530	460	415	-	54	4	16-41	1180	550		



锻钢闸阀 Forging Gate Valves

全国免费热线：4001-899-439



产品执行标准 Production enforce standard

产品规范 Product Specification	设计规范 Design Spec	结构长度 Face to Face	连接法兰 Flange End	试验与检验 Test & Check	压力-温度 Pressure-Temp	产品标识 Marking	供货规范 Supply
	JB/T7746	JB/T7746	JB/T79	JB/T9092	GB/T9131	GB/T12220	JB/T7928

产品性能规范Chief property and specification

试验项目 Teat item	强度试验 Shell test	密封试验 Seal test	气密封试验 Air seal test	适用温度℃ Appl icable temperature	适用介质 Applicable medium
1.6	2.4	1.73	0.6	≤425℃	水、油品、蒸气 Water、oil、steam
2.5	3.8	2.75			
4.0	6.0	4.4			
6.4	9.6	7.04			
10.0	15.0	11.0			
16.0	24.0	17.6			

主要零部件材料Main Part Material

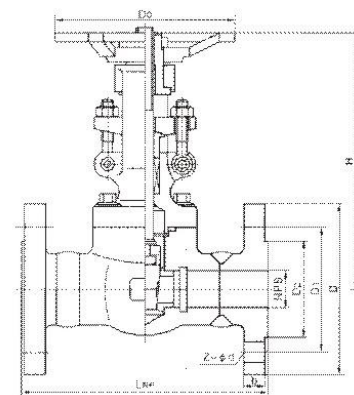
零件名称Part name	零部件材料 Part Material		Part Name
阀体/阀盖Body / bonnet	25	1Cr18Ni9Ti	Body/Bonnet
闸板/阀瓣Gate / disc	2Cr13	1Cr18Ni9Ti	Wedge/Disc
阀杆Stem	2Cr13	1Cr18Ni9Ti	Stem
密封圈Seal ring	1Cr13+HF	1Cr18Ni9Ti+STL	Seal Ring
填料Packing	柔性石墨/Flexible Graphite	聚四氟乙烯/PTFE	Packing
垫片Gasket	18-8/柔性石墨/18-8Flexible Graphite		Gasket
螺栓Bolt	35/35CrMo	1Cr18Ni9Ti	Bolt
适用温度 Applicable temperature	-29 ~ 425℃	-40 ~ 200℃	Suitable Temp
适用介质 Applicable medium	水、油品、蒸气 Water,Oil,Steam	硝酸类 Nitric Acid	Suitable Medium

锻钢闸阀 Forging Gate Valves

全国免费热线：4001-899-439



Z41H/Y-16~160C



主要外形和连接尺寸Main External and Connection Dimension

单位Unit:mm

公称通径DN(mm) Nominal diameter	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions								
	L	d	S	L1	T	L2	H	D0	
	Z41H-16C	Z41H-25	Z41H-40	Z11H-16C	Z11H-25	Z11H-40	Z61H-16C	Z61H-25	Z61H-40
15	90	13	22.5	10		1/2	15	151	118
20	100	18	28.5	11		3/4	17	182	130
25	120	23	34.5	12		1	19	197	150
32	120	28	43	14		1 1/4	21	201	166
40	135	36	49	15		1 1/2	21	227	180
50	155	45	61	16		2	25	253	180
	Z41H-64 Z11H-64 Z61H-64								
15	90	13	22.5	10		1/2	15	151	118
20	100	18	28.5	11		3/4	17	182	130
25	120	23	34.5	12		1	19	197	150
32	130	28	43	14		1 1/4	21	212	180
40	150	36	49	15		1 1/2	21	231	180
50	155	45	61	16		2	25	253	180

产品执行标准Production enforce standard

单位Unit:mm

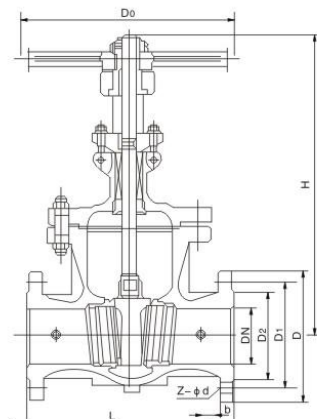
公称通径DN(mm) Nominal diameter	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions							
	L	d	S	L1	T	L2	H	D0
	Z41Y-100	Z11Y-100	Z61Y-100					
15	90	13	22.5	10	1/2	15	151	118
20	100	18	28.5	11	3/4	17	182	130
25	120	23	34.5	12	1	19	197	150
32	130	28	43	14	1 1/4	21	212	180
40	150	36	49	15	1 1/2	21	231	180
50	155	45	61	16	2	25	253	180
	Z41Y-160	Z11Y-160	Z61Y-160					
15	90	13	22.5	10	1/2	15	151	118
20	100	18	28.5	11	3/4	17	182	130
25	120	23	34.5	12	1	19	197	150
32	130	28	43	14	1 1/4	21	212	180
40	150	36	49	15	1 1/2	21	231	180
50	155	45	61	16	2	25	253	180



保温闸阀
Jack Gate Valve

全国免费热线：4001-899-439

BZ41Y-16-25P/R



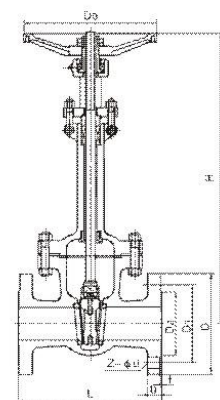
主要外形和连接尺寸Main External and Connection Dimension 单位Unit:mm

公称通径 DN(mm) Nominal Diameter	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions							
	L	D	D1	D2	b	Z-φd	H	D0
BZ41H-16C BZ41W-16P BZ41W-16R								
40	200	160	125	100	18	4-φ18	310	200
50	250	180	145	120	18	4-φ18	358	240
65	265	195	160	135	20	8-φ18	373	240
80	280	215	180	155	20	8-φ18	435	280
100	300	245	210	185	22	8-φ18	500	300
125	325	280	240	210	24	8-φ23	614	320
150	350	335	295	265	26	12-φ23	674	360
200	400	405	355	320	30	12-φ25	818	400
250	450	460	410	375	30	12-φ25	969	450
300	500	520	470	435	34	16-φ25	1145	560
BZ41H-25 BZ41W-25P BZ41W-25R								
40	200	160	125	100	20	4-φ18	358	240
50	250	180	145	120	22	8-φ18	373	240
65	265	195	160	135	22	8-φ18	435	280
80	280	230	190	160	24	8-φ18	500	300
100	300	270	220	188	28	8-φ15	614	320
125	325	300	250	218	30	8-φ25	674	360
150	350	360	310	278	34	12-φ25	818	400
200	400	425	370	332	36	12-φ30	969	450
250	450	485	430	390	40	12-φ30	1145	560
300	500	550	490	448	44	16-φ34	1145	640

低温闸阀
Low Temperature Gate Valve

全国免费热线：4001-899-439

DZ40Y-16-100L



主要外形和连接尺寸Main External and Connection Dimension 单位Unit:mm

公称通径DN(mm) Nominal diameter	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions							
	L	D	D1	D2	b	Z-φd	H	D0
DZ40Y-16L								
20	150	105	75	55	14	4-φ14	320	140
25	160	115	85	65	14	4-φ14	350	160
32	180	135	100	78	16	4-φ18	385	180
40	200	145	110	85	16	4-φ18	420	200
50	250	160	125	100	16	4-φ18	540	240
65	265	180	145	120	18	4-φ18	610	240
80	280	195	160	135	20	8-φ18	690	280
100	300	215	180	155	20	8-φ18	780	300
125	325	245	210	185	22	8-φ18	930	320
150	350	280	240	210	24	8-φ23	980	360
200	400	335	295	265	26	12-φ23	1180	400
250	450	405	355	320	30	12-φ25	1390	450
300	500	460	410	375	30	12-φ25	1620	560
350	550	520	470	425	34	16-φ25	1810	640
400	600	580	525	485	36	16-φ30	1970	640
DZ40Y-25L								
20	150	105	75	55	16	4-φ14	320	140
25	160	115	85	65	16	4-φ14	350	160
32	180	135	100	78	18	4-φ18	385	180
40	200	145	110	85	18	4-φ18	420	200
50	250	160	125	100	20	4-φ18	540	240
65	265	180	145	120	22	8-φ18	610	240
80	280	195	160	135	22	8-φ18	690	280
100	300	230	190	160	24	8-φ23	780	300
125	325	270	220	188	28	8-φ25	930	320
150	350	300	250	218	30	8-φ25	980	360
200	400	360	310	278	34	12-φ25	1180	400
250	450	425	370	332	36	12-φ30	1390	450
300	500	485	430	390	40	16-φ30	1620	560
350	550	550	490	448	44	16-φ34	1810	640
400	600	610	550	505	48	16-φ34	1990	640



低温闸阀 Low Temperature Gate Valve

全国免费热线：4001-899-439

DZ40Y-16~100L

主要外形和连接尺寸Main External and Connection Dimension 单位Unit:mm

公称通径DN(mm) Nominal diameter	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions								
	L	D	D1	D2	D6	b	Z-Φd	H	D0
DZ40Y-40L									
20	150	105	75	55	51	16	4-Φ14	330	140
25	160	115	85	65	58	16	4-Φ14	360	160
32	180	135	100	78	66	18	4-Φ18	440	180
40	200	145	110	85	76	18	4-Φ18	455	200
50	250	160	125	100	88	20	4-Φ18	575	280
65	280	180	145	120	110	22	8-Φ18	635	280
80	310	195	160	135	121	22	8-Φ18	715	320
100	350	230	190	160	150	24	8-Φ23	815	360
125	400	270	220	188	176	28	8-Φ25	965	400
150	450	300	250	218	204	30	8-Φ25	1025	400
200	550	375	320	282	260	38	12-Φ30	1225	450
250	650	445	385	345	313	42	12-Φ34	1440	560
300	750	510	450	408	346	46	16-Φ34	1665	640
350	850	570	510	465	422	52	16-Φ34	1880	640
400	950	655	585	535	474	58	16-Φ41	2050	720

主要外形和连接尺寸Main External and Connection Dimension 单位Unit:mm

公称通径DN(mm) Nominal diameter	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions								
	L	D	D1	D2	D6	b	Z-Φd	H	D0
DZ40Y-64L									
20	190	125	90	68	51	20	4-Φ18	330	100
25	210	135	100	78	58	22	4-Φ18	360	180
32	230	150	110	82	66	24	4-Φ23	410	180
40	240	165	125	95	76	24	4-Φ23	480	200
50	250	175	135	105	88	26	4-Φ23	585	200
65	280	200	160	160	110	28	8-Φ23	690	250
80	310	210	170	140	121	30	8-Φ23	745	300
100	350	250	200	168	150	32	8-Φ25	885	300
125	400	295	240	202	176	36	8-Φ30	985	350
150	450	340	280	240	204	38	8-Φ34	1050	350
200	550	405	345	300	260	44	12-Φ34	1240	400
250	650	470	400	352	313	48	12-Φ41	1460	560
300	750	530	460	412	364	54	16-Φ41	1690	640

主要外形和连接尺寸Main External and Connection Dimension 单位Unit:mm

公称通径DN(mm) Nominal diameter	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions								
	L	D	D1	D2	D6	b	Z-Φd	H	D0
DZ40Y-100L									
25	210	135	100	78	58	24	4-Φ18	365	200
32	230	150	110	82	66	24	4-Φ23	420	240
50	250	195	145	112	88	28	4-Φ25	630	360
65	280	220	170	138	110	32	8-Φ25	700	400
80	310	230	180	148	211	34	8-Φ25	760	400
100	350	265	210	172	150	38	8-Φ30	900	400

蝶阀系列 Butterfly Valve Series

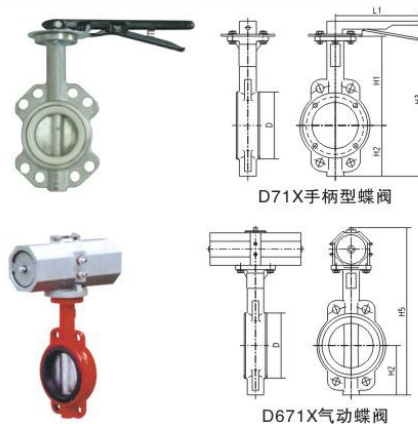
全国免费热线：4001-899-439



概述

本厂引进国内外先进阀门制造技术，主要生产法兰连接式及对接式的中线蝶阀、单偏心、双偏心、三偏心蝶阀，蝶阀主要结构由阀体、蝶板、阀座、阀杆及传动机构组成。在现实生产、生活中，蝶阀运用广泛，可用于给排水、污水，建筑、空调、石油、化工，食品、医药，轻纺、造纸，水电、船舶、冶金，能源系统等流体管线上，作为调节和节流装置使用，并在中、大口径管路上取代了笨重的闸阀。

结构示意图(Structural Diagram)



Overview

Supported by sophisticated valve manufacturing technology from home and abroad, we mainly produce flange connecting and wafer connecting midline butterfly valves, single, double or triple eccentric butterfly valves. The main structure of butterfly valve is composed of body, disc, seat, stem and actuating mechanism. Enjoying broad applicability in production and daily life, butterfly valves are used in fluid pipeline in the fields of water supply and drainage, sewage, construction, air-conditioning, petroleum, chemicals, foodstuff, pharmaceuticals, textiles, papermaking, water and electricity, shipping, metallurgy, energy sources and so on. Besides, used as adjustment and throttle device, they are also substitutes to the lumpish gate valves in medium and large caliber pipeline.



设计与应用标准

- 1、设计与制造标准：GB/T 12238-2008
- 2、结构长度标准：GB/T 15188.2-1994
- 3、检验与试验标准：JB/T 9092-1999

Design and Application Standard

- 1、design and manufacture standard：GB/T 12238-2008
- 2、end to end standard：GB/T 15188.2-1994
- 3、test and inspection standard：JB/T 9092-1999

主要技术性能(Main technical feature)

公称压力MPa Nominal pressure Mpa	0.6	1.0	1.6
强度试验压力MPa Intensity test pressure Mpa	0.9	1.5	2.4
密封试验压力MPa Sealed test pressure Mpa	0.66	1.1	1.76
工作压力MPa Working pressure Mpa	0.6	1.0	1.6
适用介质 Applicable Mediums	水、污水Water, sewage		
工作温度Working temperature	≤65℃		
介质流速 Flow velocity of medium	≤3M/S		

主要零件材质(Main Parts and Materials)

零件名称Name	材料Material
阀体 Valve Body	灰铸铁、球墨铸铁、铸钢 Gray casting iron, Spheroidal Graphite Cast Iron
阀瓣 Disc	球墨铸铁、铸钢 Spheroidal Graphite Cast Iron
阀座 Seat	丁腈橡胶、黄铜、不锈钢 Nitrile-butadiene Rubber(NBR)/Brass Stainless Steel
阀杆 Stem	不锈钢Stainless Steel
阀瓣密封圈Sealing ring of disc	丁腈橡胶、黄铜、不锈钢 Nitrile-butadiene Rubber(NBR)/Brass Stainless Steel
轴承 Bearing	合金钢 Alloy steel

对夹式蝶阀外形尺寸(appearance measurement of wafer type butterfly valve)

公称通径 Nominal Diameter	L	L1	L2	D	H1	H2	H3	H4	H5	H6
50	43	267	155	106	112	78	225	250	330	410
65	46	267	155	124	123	85	240	270	378	430
80	46	267	155	162	138	95	280	310	410	462
100	52	267	155	162	150	105	286	318	465	512
125	56	345	155	192	168	130	329	360	500	585
150	56	345	155	216	190	135	354	380	560	640
200	60	358	238	270	228	165	438	465	655	710
250	68	358	238	326	250	197	495	520	745	765
300	83	/	247	376	285	234	/	595	842	825
350	92	/	247	436	310	283	/	670	/	887
400	102	/	270	484	343	325	/	780	/	1030
450	114	/	280	534	390	370	/	852	/	1160
500	127	/	338	590	425	405	/	910	/	1345
600	154	/	390	690	550	470	/	1100	/	1540



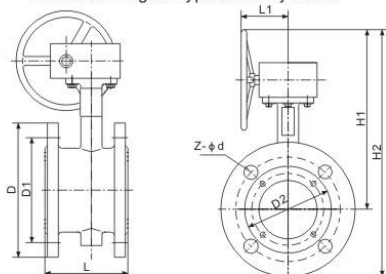
蝶阀系列 Butterfly Valve Series

全国免费热线：4001-899-439

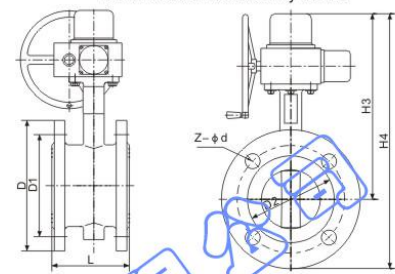
法兰式蝶阀结构示意图(Valve structure sketch map of flange type butterfly valve)



D343H蜗轮型蝶阀
D343H worm gear type butterfly valve



D941X电动蝶阀
D941X electric butterfly valve



设计与应用标准

- 1、设计与制造标准:GB/T 12238-2008、JB/T 8527-1997
- 2、连接法兰标准:JB/T 78-1994、JB/T 79-1994、GB/T 9113、GB/T 17241.6
- 3、结构长度标准:GB/T12221-2005
- 4、检验与试验标准:JB/T9092-1999

Design and Application Standard

- 1、design and manufacture standard: GB/T 12238-2008、JB/T 8527-1997
- 2、connecting flange standard: JB/T 78-1994、JB/T 79-1994、GB/T 9113、GB/T 17241.6
- 3、end to end standard: GB/T12221-2005
- 4、test and inspection standard: JB/T9092-1999

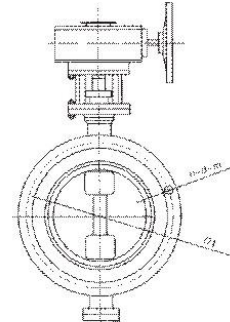
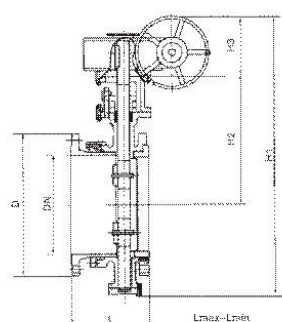
法兰式蝶阀外型尺寸(External dimensions of flange type butterfly valve)

公称压力 PN (MPa) Nominal Pressure	公称口径 DN (mm) Nominal Diameter	尺寸 (mm) Size									
		L	D	D1	D2	Z-φd	L1	H1	H2	H3	H4
1.0	50	108	165	125	102	4-18	154	228	310	342	424
	65	112	185	145	122	4-18	154	240	333	356	448
	80	114	200	160	133	8-18	154	323	423	368	468
	100	127	220	180	158	8-18	154	330	440	411	521
	125	140	250	210	184	8-18	154	330	455	411	537
	150	150	285	240	212	8-18	154	368	510	506	648
	200	162	340	295	268	8-22	238	444	614	525	694
	250	195	395	350	320	8-22	238	478	680	557	754
	300	178	445	400	370	12-22	247	546	776	565	787
	350	190	505	460	430	12-22	247	580	840	598	850
	400	216	565	515	482	16-22	270	568	858	698	980
	450	222	615	565	532	16-26	280	686	993	773	1080
	500	229	670	620	585	20-26	338	702	1056	915	125
	600	267	780	725	685	20-26	385	741	1161	990	1380
	700	430	895	840	800	20-30	385	873	1328	990	1430
	800	470	1015	950	905	24-30	385	931	1443	1035	1540
	900	510	1115	1050	1005	24-33	545	981	1543	1243	1800
1.6	1000	550	1230	1160	1110	28-36	620	1026	1653	1750	2365
	1200	630	1455	1380	1330	32-39	620	1140	1873	1856	2583
	50	108	165	125	102	4-18	154	228	310	342	424
	65	112	185	145	122	4-18	154	240	333	356	448
	80	114	200	160	133	8-18	154	323	423	368	468
	100	127	220	180	158	8-18	154	330	440	411	521
	125	140	250	210	184	8-18	154	330	455	411	537
	150	140	285	240	212	8-18	154	368	510	506	648
	200	152	340	295	268	12-22	238	444	614	525	694
	250	165	405	355	320	12-26	238	478	680	557	754
	300	178	460	410	370	12-26	247	546	776	565	787

蝶阀系列 Butterfly Valve Series

全国免费热线：4001-899-439

伸缩蝶阀 Expansion butterfly valve SD341/641/941X-10~16C



主要外形和连接尺寸 Main external and connection dimension

单位Unit: mm

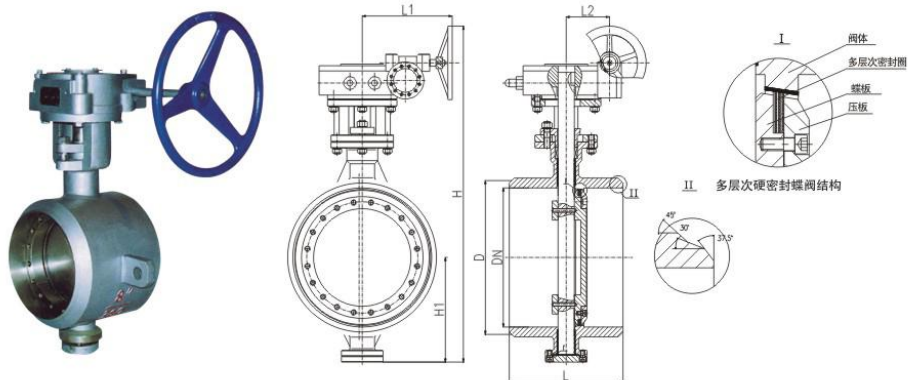
公称口径 DN(mm) Nominal Diameter	Lmax	Lmin	D	PN1.0MPa			PN1.6MPa			D2	H	H1
				D1	b	Z-φd	D1	b	Z-φd			
				SD341X-10 SD341X-16 SD341X-16C SD641X-10 SD641X-16 SD641X-16C SD941X-10 SD941X-16 SD941X-16C								
100	216	174	215	180	22	8-φ18	180	24	8-φ18	155	170	110
125	232	186	245	210	24	8-φ18	210	26	8-φ18	185	185	123
150	239	194	280	240	24	8-φ23	240	28	8-φ23	210	210	140
200	264	214	335	295	26	8-φ23	295	30	12-φ23	265	238	170
250	296	235	390	350	28	12-φ23	355	32	12-φ25	320	270	195
300	300	250	440	400	28	12-φ23	410	34	12-φ25	368	300	222
350	320	270	500	460	30	16-φ23	470	38	16-φ25	428	330	252
400	332	282	565	515	32	16-φ25	525	40	16-φ30	482	368	285
450	355	305	615	565	32	20-φ25	585	44	20-φ30	532	402	310
500	365	315	670	620	34	20-φ25	650	46	20-φ34	585	438	337
600	420	370	780	725	36	20-φ30	770	54	20-φ41	685	490	393
700	446	396	895	840	40	24-φ30	840	54	24-φ41	800	558	450
800	476	426	1010	950	44	24-φ34	950	54	24-φ41	905	625	515
900	506	456	1110	1050	46	28-φ34	1050	54	28-φ41	1005	685	560
1000	516	466	1220	1160	50	28-φ34	1170	60	28-φ48	1115	750	610
1200	560	510	1450	1380	56	32-φ41	-	-	-	1325	880	725
1400	590	540	1675	1590	62	36-φ48	-	-	-	1525	987	840
1600	630	585	1915	1820	68	40-φ54	-	-	-	1750	1158	960
1800	680	630	2115	2020	72	44-φ54	-	-	-	1950	1258	1060
2000	730	680	2325	2230	74	48-φ54	-	-	-	2160	1365	1165



蝶阀系列 Butterfly Valve Series

全国免费热线：4001-899-439

对焊式蝶阀Butt welding type butterfly valve



特点及用途Features and usage

本蝶阀采用三偏心结构(采用多层次密封圈), 为高温、高压、防火应用中气泡级密封的理想软、硬密封蝶阀; 由于采用焊接结构, 使阀门与管道平面达到永久的零泄漏, 此阀门无法兰, 对管道保温包扎带来了很大的方便。

This butterfly valve uses three eccentric structures(to be possible to use multi-level or spring-loaded seal structure), for high temperature, high-pressured, in the fire protection application the air bubble level seal ideal is soft, hardly seals the butterfly valve; Because uses the welding structure, causes the valve and the pipeline plane achieved permanent zero divulges, this valve does not have the flange, wrapped up to the pipeline heat preservation has brought very big convenient.

主要零部件材料Material for main pans

阀体Body: 20号钢steel, WCB、特殊材料Special mate rial;
阀板Disc: WCB, CF8M、不锈钢Stainless steel, 特殊材料Special mate rial;
阀座seat: 不锈钢Stainless steel、钴基硬质合金Cobalt base hard alloy;
轴套Axle sleeve: 复合材料Compoundmate rial、不锈钢Stainless steel; 填料Packing: 柔性石墨Flexible g raphiteo
阀杆Stem: 合金钢Alloy steel, 不锈钢Stainless steel, 特殊材料Specialmate rial;

主要技术参数Main technical parameter

公称口径Nominal diameter	50mm-1400mm	公称压力Nominal pressure	0.6MPa-2.5MPa
适用温度Applicable temperature	-196-550℃	适用介质Applicable medium	水、蒸气、油品等Ware r, steam, oil quality;
焊接标准Welding standard	GB/T 12224、ANSI B16.25、DIN2559		

外型及连接尺寸D₆₃³/₉F-PN6、10、16、25(DN50-DN1400) Contour and connection size

公称通径 DN(mm) Nominal diameter	主要外型及连接尺寸(mm) Main contour and connection size												
	L	L1	L2	H	H1	PN0.6MPa		PN1.0MPa		PN1.6MPa		PN2.5MPa	
						D1	Dn	D1	Dn	D1	Dn	D1	Dn
50	150	150	40	300	215	57	51	57	51	57	51	57	51
65	170	150	40	320	220	76	71	76	71	76	71	76	71
80	180	195	45	340	240	90	78	90	78	90	78	90	78
100	190	195	45	370	270	110	96	110	96	110	96	110	96
125	200	225	45	400	290	135	121	135	121	135	121	135	121
150	210	225	65	430	310	161	146	161	146	161	146	161	146
200	230	225	65	460	320	222	202	222	202	222	202	222	202
250	250	280	80	520	330	278	254	278	254	278	254	278	254
300	270	280	80	610	360	330	303	330	303	330	303	330	303
350	290	280	120	710	420	382	351	382	351	382	351	382	351
400	310	320	120	750	434	432	398	432	398	432	398	432	398
450	330	320	165	870	473	484	450	484	450	484	450	484	450
500	350	320	165	930	551	585	501	585	501	585	501	585	501
600	390	400	165	1080	680	636	602	636	602	636	602	636	602
700	430	400	215	1240	790	726	692	726	692	726	692	726	692
800	470	400	215	1370	840	826	792	826	792	826	792	826	792
900	510	500	215	1450	880	926	892	926	892	926	892	926	892
1000	550	500	320	1650	1010	1028	992	1028	992	1028	992	1028	992
1200	630	500	320	1790	1050	1228	1192	1228	1192	1228	1192	1228	1192
1400	710	600	320	2000	1150	1428	1392	1428	1392	1428	1392	1428	1392

全焊接锻钢球阀 All welded forged steel ball valve

全国免费热线：4001-899-439



特点及用途Features and usage

- 全焊接球阀从DN50~DN1000(2"~40")PN150LB~1500LB。
- 该阀密封性能好, 可靠性高, 产品无外漏, 使用更安全, 密封性能好, 使用寿命长。
- 适用于输油、输气等长输管线, 以及对管道要求高的重要场所。
- 焊接标准: ANSIB16.25 OR GB12224。
- 应用范围: 石油、天然气、化工、石化、电站、冶金、造纸等。
- All welded ball valve from DN50 ~ DN1000 (2 ~ 40) PN150LB ~ 1500LB.
- The valve has good sealing performance, high reliability, no leakage of products, safe use, good sealing performance and long service life.
- Suitable for oil transportation, gas transmission pipeline, as well as the important place for the high demand of the pipeline.
- Welding standard: OR GB12224 ANSIB16.25.
- Application: oil, natural gas, chemical, petrochemical, power station, metallurgy, paper making, etc..

产品参数Product parameters

- 产品型号: Q367F
- 适用范围: 燃气管线
- 产品别名: 燃气球阀
- 连接形式: 焊接
- 材质: A105
- 结构形式: 固定球阀
- 作用对象: 煤气
- 压力环境: 常压
- 工作温度: 常温
- 标准: 国标
- Product model: Q367F
- Scope of application: Gas Pipeline
- Product alias: gas ball valve
- Connection form: Welding
- Material: A105
- Structure: fixed ball valve
- Object: gas
- Ambient pressure
- Operating temperature: room temperature
- Standard: GB
- 公称口径: DN50-1000(mm)
- 适用介质: 液化气
- 压力范围: 1.6-16(Mpa)
- 适用温度: -29-80(℃)
- 通道位置: 直通式
- 类型: 大型
- 外形: 大型
- 流动方向: 双向
- 驱动方式: 手动零
- 部件及配件: 放散管, 加长杆
- Nominal diameter: DN50-1000 (mm)
- Applicable medium: liquefied petroleum gas
- Pressure range: 1.6-16 (Mpa)
- Applicable temperature: -29-80(℃)
- Channel position: straight through
- Type: Large
- Shape: Large
- Flow direction: bidirectional
- Drive mode: manual zero
- Parts and accessories: discharge pipe, extension rod

主要零部件材料Main Part Material

零件名称 Part name	材料Material
阀体/盖 Body/ cover	A105、304、316、304L、316L
球体 Ball	A105+HCr(Nip), 2Cr13, 304, 316, 304L, 316L
阀杆 Stem	2Cr13, 304, 316, 304L, 316L
阀座 Seat	PTFE、PPL、尼龙101

(ANSI Class150 PN1.6 压力等级 法兰按)ANSI B16.5 JB79 HG20596 (mm)

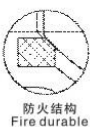
公称口径 Nominal diameter	NP	2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"	28"	32"	36"	40"
DN		50	80	100	150	200	250	300	350	400	450	500	600	700	800	900	1000
球孔直径 Spherical hole diameter		51	76	102	152	203	254	305	337	387	438	489	591	686	781	876	978
L	RF	178	203	229	394	457	533	610	686	762	864	914	1067	1245	1372	1524	1753
	BW	216	283	305	457	521	559	635	762	838	914	991	1143	1346	1524	1727	1956
H1		100	110	130	175	210	274	305	340	395	440	470	580	640	730	980	1010
H		165	90	200	270	300	380	420	450	530	560	605	680	760	870	980	1040
W		400	700	850	600	600	600	800	800	800	800	800	800	800	800	800	800
E					116	116	116	171	171	257	257	257	150	83	83	123	123
F					350	350	350	420	420	500	500	500	580	650	650	735	735
重量Weight(kg)		24	50	75	195	280	440	570	800	1480	2350	2400	4050	6160	7200	8700	12500



API球阀 API Ball valve series

全国免费热线：4001-899-439

API球阀 API Ball valve series



蜗轮传动
Worm gear operation

产品执行标准 Production enforce standard

产品规范 Product Specification	设计规范 Design Spec	结构长度 Face to Face	连接法兰 Flange End	试验与检验 Test & Check	产品标识 Marking	供货规范 Supply
	GB/T12237 JB/T7745	GB/T12221 JB/T7745	JB/T79	JB/T9092	GB/T12220	JB/T7928
	API 608 API 6D	ANSI B16.10 API 6D	ANSI B16.5	API 598 API 6D	MSS SP-25 API 6D	API 608 API 6D

产品性能规范Chief property and specification

公称压力(PN)Nominal pressure	1.6	2.5	4.0	6.4
壳体试验压力Shell test pressure	2.4	3.8	6.0	9.6
密封试验(液)Seal test	1.8	2.8	4.4	7.0
密封试验(气)Seal test	0.5 ~ 0.7			
适用介质 Applicable medium	C 水、油品、蒸汽 Water,oil,steam P 硝酸类 Nitric acid R 醋酸类 Acetic acid			
适用温度 Applicable temperature	≤200℃			

主要零件材料Material for main parts

名称 Parts	WCB类	CF8类	CF3类	CF8M类	CF3M类
阀体左体 Body & Body cap	A216-WCB	A315-CF8	A35-CF3	A351-CF8M	A351-CF3M
球阀 Ball	B2-B8	A105-1025	A182-F304L	A182-F304L	A132-F316
	B8以上	A216-WCB	A351-CF8M	A351-CF3	A351-CF8M
阀杆 Stem	A182-F6a	A182-F304	A182-F304L	A182-F336	A182-F316L
阀座 Seat	PTFE/增强PTFE/NYLON PTFE/Reinforced PTFE/Nylon				
阀座支承圈 Seat Retainer	A105-1025	A182-F304	A182-F304L	A182-F316	A182-F316L
弹簧 Spring	3yc-7/17-49H				
O形圈 O-ring	NBR	氟橡胶 Viton			
螺柱 Stud	A193-B7	A193-B8			
螺母 Nut	A194-2H	A194-8			

API球阀 API Ball valve series

全国免费热线：4001-899-439

API球阀 API Ball valve series A1-6B(3)41、(3)47、(3)61、(3)67F

主要外形和连接尺寸Main External and Connection Dimension CLASS 150 A1B(3)41、(3)47、(3)61、(3)67F(N.PPL)。(P.R.V)

DN	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions														备注 Remark
	d	L	LB焊接 Welding	H1	H2	W	M	K	D2	D1	D	N-Φ	b	f	
1/2"	13	108	-	-	59	130	-	-	35	60.5	89	4-16	11.2	1.6	浮动球 Float Ball
3/4"	19	117	-	-	63	130	-	-	43	70	98	4-16	11.2	1.6	
1"	25	127	-	-	75	160	-	-	51	79.5	108	4-16	11.2	1.6	
1 1/2"	38	165	190	-	95	230	-	-	73	98.5	127	4-16	14.3	1.6	
2"	51	178	216	-	107	230	-	-	92	120.5	152	4-19	15.9	1.6	固定球 Fixing Ball 浮动球 Float Ball
2 1/2"	61	190	241	-	142	400	-	-	105	139.5	178	4-19	17.5	1.6	
3"	76	203	283	-	152	400	-	-	127	152.5	190	4-19	19.1	1.6	
4"	102	229	305	-	178	700	-	-	157	190.5	229	8-19	23.9	1.6	
5"	127	356	-	-	252	1100	-	-	186	216	254	8-22	23.9	1.6	
6"	52	394	457	-	272	1100	-	-	216	241.5	279	8-22	54.5	1.6	
8"	203	457	521	-	342	1500	-	-	270	298.5	343	8-22	58.6	1.6	
8"	203	457	521	-	398	600	115.5	350	270	298.5	343	8-22	28.6	1.6	
10"	254	533	559	335	495	600	115.5	350	324	362	406	12-25	30.2	1.6	固定球 Fixing Ball
12"	305	610	635	385	580	800	171	420	381	431.8	482.6	12-25	31.8	1.6	
14"	337	686	762	430	325	800	171	420	412.8	476	535	12-29	35	1.6	
16"	387	762	838	470	720	800	257	400	469.9	539.5	597	16-29	36.6	1.6	
20"	489	914	991	590	840	800	257	400	584.2	635	698	20-32	42.9	1.6	
24"	591	1067	1143	700	1050	800	150	410	692.2	749.5	813	20-35	47.8	1.6	
26"	686	1245	1346	780	1150	800	83	650	800.1	836.6	927.1	28-35	71.4	1.6	

CLASS 300 A3B(3)41、(3)47、(3)67F(N.PPL)。(P.R.V)

DN	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions														备注 Remark
	d	L	LB焊接 Welding	H1	H2	W	M	K	D2	D1	D	N-Φ	b	f	
1/2"	13	140	-	-	59	130	-	-	35	66.5	95	4-16	14.2	1.6	浮动球 Float Ball
3/4"	19	152	-	-	63	130	-	-	43	82.5	117	4-19	15.9	1.6	
1"	25	165	-	-	75	160	-	-	51	89	124	4-19	17.5	1.6	
1 1/2"	38	190	190	-	95	230	-	-	73	114.5	156	4-22	20.7	1.6	
2"	51	216	216	-	107	230	-	-	92	127	165	8-19	22.3	1.6	固定球 Fixing Ball 浮动球 Float Ball
2 1/2"	61	241	241	-	142	400	-	-	105	149	190	8-22	25.4	1.6	
3"	76	283	283	-	152	400	-	-	127	168	210	8-22	28.6	1.6	
4"	102	305	305	-	178	700	-	-	157	200	254	8-22	31.8	1.6	
5"	127	381	-	-	252	1100	-	-	186	235	279	8-22	35	1.6	
6"	52	403	457	-	272	1100	-	-	216	270	318	12-22	36.5	1.6	
8"	203	502	521	-	342	1500	-	-	270	330	381	12-25	41.3	1.6	
8"	203	502	521	-	398	600	115.5	350	270	330	381	12-25	41.3	1.6	
10"	254	568	559	335	495	600	115.5	350	324	387.5	444	16-29	17.7	1.6	固定球 Fixing Ball
12"	305	648	635	385	580	800	171	420	381	451	520.8	16-32	50.8	1.6	
14"	337	762	762	430	325	800	171	420	412.8	514.5	584.2	20-32	53.8	1.6	
16"	387	838	838	470	720	800	257	400	469.9	571.5	647.8	20-35	57.2	1.6	
20"	489	991	991	590	840	800	257	400	584.2	685.8	774.8	24-35	63.5	1.6	
24"	591	1143	1143	700	1050	800	150	410	692.2	812.8	914.4	24-41	69.8	1.6	
28"	686	1346	1346	780	1150	800	83	650	800.1	938.8	1035	28-44.5	85.9	1.6	



API球阀 API Ball valve series

全国免费热线：4001-899-439

API球阀 API Ball valve series A1-6B(3)41、(3)47、(3)61、(3)67F

主要外形和连接尺寸 Main External and Connection Dimension
CLASS 400 A4B(3)41,(3)47,(3)67F(N.PPL).(P.R.V) 单位Unit:mm

DN	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions														备注 Remark
	d	L	LB焊接 Welding	H1	H2	W	M	K	D2	D1	D	N-Φ	b	f	
1/2"	13	165	160	-	59	130	-	-	35	66.5	95	95	14.3	6.4	浮动球 Float Ball
3/4"	19	190	190	-	63	160	-	-	43	82.5	117	117	15.9	6.4	
1"	25	216	216	-	75	160	-	-	51	89	124	124	17.5	6.4	
1 1/2"	38	241	241	-	95	230	-	-	73	114.5	156	156	22.3	6.4	
2"	51	292	292	-	107	700	-	-	92	127	165	165	25.4	6.4	固定球 Fixing Ball 浮动球 Float Ball
4"	102	406	406	-	178	700	-	-	157.2	200	254	254	35	6.4	
6"	152	495	495	250	300	600	116.5	350	216	270	317.5	317.5	41	6.4	
8"	203	597	597	294	374	800	171	400	269.8	330	381	381	47.8	6.4	
10"	254	673	673	370	445	800	171	420	324	387.5	445	445	53.8	6.4	固定球 Fixing Ball
12"	305	762	762	420	515	800	257	400	381	451	521	521	57	6.4	
14"	337	826	826	460	550	800	257	400	413	514.5	584	584	60.5	6.4	
16"	387	902	902	505	615	800	257	400	470	571.5	648	648	63.5	6.4	
20"	489	1054	1054	630	810	800	159	410	584.2	686	775	775	69.8	6.4	
24"	591	1232	1232	685	845	800	180	565	692.2	812.8	915	915	76	6.4	
28"	686	1397	1397	860	1087	800	200	575	800	939.6	1035	1035	95.3	6.4	
36"	813	1627	1627	1016	1270	800	229	603	914.4	1066.8	1219	1219	108	6.4	

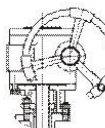
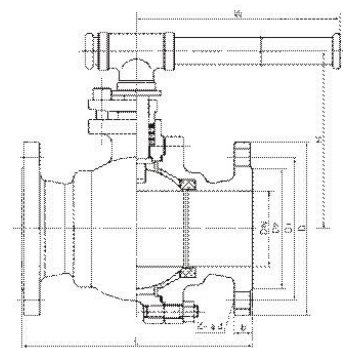
主要外形和连接尺寸 Main External and Connection Dimension
CLASS 150 A1B(3)41,(3)61,(3)67F(N.PPL).(P.R.V) 单位Unit:mm

DN	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions														备注 Remark
	d	L	LB焊接 Welding	H1	H2	W	M	K	D2	D1	D	N-Φ	b	f	
1/2"	13	165	165	-	59	160	-	-	35	56.5	95	95	14.3	6.4	浮动球 Float Ball
3/4"	19	190	190	-	63	160	-	-	43	82.5	117	117	15.9	6.4	
1"	25	216	216	-	75	230	-	-	51	89	124	124	17.5	6.4	
1 1/2"	38	241	241	-	95	400	-	-	73	114.5	156	156	22.3	6.4	
2"	51	292	292	-	107	700	-	-	92	127	165	165	25.4	6.4	固定球 Fixing Ball 浮动球 FloatBall
4"	102	432	432	-	178	1100	-	-	157.2	216	273	254	38	6.4	
6"	152	559	559	250	300	600	116	350	216	282.1	355.6	317.5	47.2	6.4	
8"	203	660	660	294	374	800	171	400	269.8	349.2	419.5	381	55.7	6.4	
10"	254	787	787	370	445	800	171	420	324	431.8	508	445	63.5	6.4	固定球 Fixing Ball
12"	305	838	838	420	515	800	257	400	381	489	559	521	66.5	6.4	
14"	337	889	889	460	550	800	257	400	413	527	603.2	584	69.8	6.4	
16"	387	991	991	505	615	800	257	400	470	603.2	686	648	76.2	6.4	
20"	489	1194	1194	630	810	800	150	410	584.2	724	818	775	89	6.4	
24"	591	1397	1397	625	1010	800	83	650	692.2	838.2	940	915	101.6	6.4	
28"	686	1549	1549	970	1180	800	123	800	800	965.2	1073	1035	111.3	6.4	
36"	813	1813	1813	1168	1418	800	152	800	914.4	1066.8	1219	1219	108	6.4	

法兰球阀 Flange Ball Valve

全国免费热线：4001-899-439

法兰球阀 FLANGE BALL VALVE Q41/641/9B41F-16C/P



蜗轮传动
Worm gear operation

主要外形和连接尺寸 Main External and Connection Dimension 单位Unit:mm

公称通径 DN(mm) Nominal Diameter	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions						
	L	D	D1	D2	b	Z-Φd	H
Q41F-16C Q41F-16P Q641F-16C Q641F-16P Q9B41F-16C Q9B41F-16P							
15	130	95	65	45	14	4-Φ14	78
20	140	105	75	55	14	4-Φ14	84
25	150	115	85	65	14	4-Φ14	95
32	165	135	100	78	16	4-Φ18	150
40	180	145	110	85	16	4-Φ18	150
50	200	160	125	100	16	4-Φ18	170
65	220	180	145	120	18	4-Φ18	195
80	250	195	160	135	20	8-Φ18	215
100	280	215	180	155	20	8-Φ18	250
125	320	245	210	185	22	8-Φ18	265
150	360	280	240	210	24	8-Φ23	270
200	400	335	295	265	26	12-Φ23	330
250	533	405	355	320	30	12-Φ25	450



法兰球阀 Flange Ball Valve

全国免费热线：4001-899-439

法兰球阀 FLANGE BALL VALVE Q41/341/641/941P-25~64(P)

主要外形和连接尺寸 Main External and Connection Dimension 单位Unit:mm								
公称通径DN(mm) Nominal diameter	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions							
	L	D	D1	D2	b	Z-φd	H	W
Q41F-25 Q41F-25P Q641F-25 Q641F-25P Q9B41F-25 Q9B41F-25P								
15	130	95	65	45	16	4-φ14	103	100
20	140	105	75	55	16	4-φ14	112	160
25	150	115	85	65	16	4-φ14	123	160
32	165	135	100	78	18	4-φ18	150	250
40	180	145	110	85	18	4-φ18	156	250
50	200	160	125	100	20	4-φ18	172	350
65	220	180	145	120	22	8-φ18	197	350
80	250	195	160	135	22	8-φ18	222	450
100	280	230	190	160	24	8-φ23	253	450
125	320	270	220	188	28	8-φ25	275	600
150	360	300	250	218	30	8-φ25	286	800
200	400	360	310	278	34	12-φ25	340	1200
250	533	425	370	332	36	12-φ30	470	1400

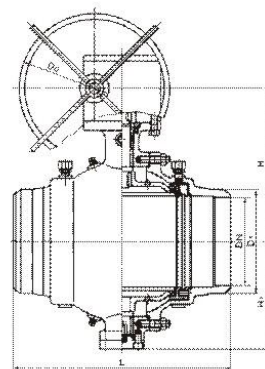
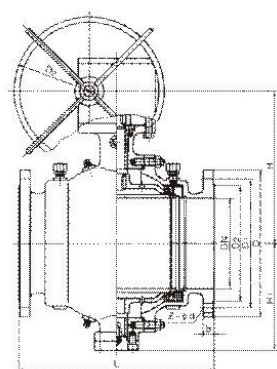
主要外形和连接尺寸 Main External and Connection Dimension 单位Unit:mm								
公称通径DN(mm) Nominal diameter	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions							
	L	D	D1	D2	b	Z-φd	H	W
Q41F-40 Q41F-40P Q341F-40 Q341F-40P Q641F-40 Q641F-40P Q9B41F-40 Q9B41F-40P								
15	140	95	65	45	16	4-φ14	103	100
20	152	105	75	55	16	4-φ14	112	160
25	165	115	85	65	16	4-φ14	123	160
32	180	135	100	78	18	4-φ18	150	250
40	200	145	110	85	18	4-φ18	156	250
50	220	160	125	100	20	4-φ18	172	350
65	250	180	145	120	22	8-φ18	197	350
80	280	195	160	135	22	8-φ18	222	450
100	320	230	190	160	24	8-φ23	253	450
125	400	270	220	188	28	8-φ25	275	600
150	403	300	250	218	30	8-φ25	286	800
200	502	375	320	282	38	12-φ30	340	1200
250	568	445	385	345	42	12-φ34	470	1400

主要外形和连接尺寸 Main External and Connection Dimension 单位Unit:mm								
公称通径DN(mm) Nominal diameter	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions							
	L	D	D1	D2	b	Z-φd	H	W
Q41F-64 Q41F-64P Q341F-64 Q341F-64P Q641F-64 Q641F-64P Q9B41F-64 Q9B41F-64P								
15	165	105	75	55	18	4-φ14	105	130
20	190	125	90	68	20	4-φ18	125	130
25	216	135	100	78	22	4-φ18	135	160
32	229	150	110	82	24	4-φ23	150	160
40	241	165	125	95	24	4-φ23	165	230
50	292	175	135	105	26	4-φ23	175	230
65	330	200	160	130	28	8-φ23	200	400
80	356	210	170	140	30	8-φ23	210	400
100	432	250	200	168	32	8-φ25	250	700
125	508	295	240	202	36	8-φ30	295	1100
150	559	340	280	240	38	8-φ34	340	1500

固定式球阀 Trunnion-mounted Ball Valve

全国免费热线：4001-899-439

固定式球阀 Trunnion-mounted ball valve Q41/67/347/647/947F-16C/P



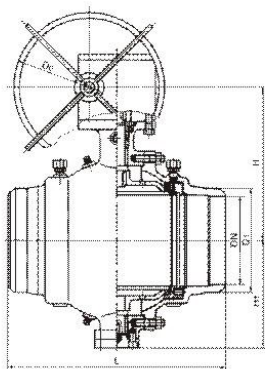
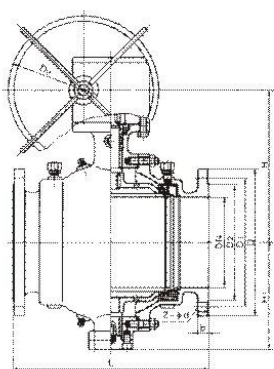
主要外形和连接尺寸 Main External and Connection Dimension 单位Unit:mm								
公称通径 DN(mm) Nominal Diameter	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions							
	L	D	D1	D2	b	Z-φd	H	Do
Q47F-16C Q67F-16C Q47F-16P Q347F-16C Q367F-16C Q347F-16P Q647F-16C Q667F-16C Q647F-16P Q747F-16C Q767F-16C Q747F-16P Q9B47F16C Q9B67F-16C Q9B47F-16P								
50	178	160	125	100	16	4-φ18	177	120
65	191	180	145	120	18	4-φ18	190	140
80	203	195	160	135	20	8-φ18	210	150
100	229	215	180	155	20	8-φ18	235	172
125	356	245	210	185	22	8-φ18	350	215
150	394	280	240	210	24	8-φ23	530	250
200	457	335	295	265	26	12-φ23	620	290
250	533	405	355	320	30	12-φ25	650	320
300	619	460	410	375	30	12-φ25	780	360
350	686	520	470	435	34	16-φ25	790	395
400	762	580	525	485	36	16-φ30	920	450
450	864	640	585	545	40	20-φ30	970	490
500	914	705	650	608	44	20-φ34	1100	530
600	1067	840	770	718	48	20-φ41	1150	590
700	1245	910	840	788	50	24-φ41	1850	700



固定式球阀 Trunnion-mounted Ball Valve

全国免费热线：4001-899-439

固定式球阀Trunnion-mounted ball valve Q47/347/647/947F-25P



耐火结构
Fire durable



防静电结构
Anti static safety

主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

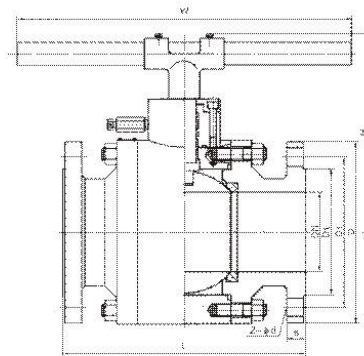
公称通径 DN(mm) Nominal Diameter	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions								
	L	D	D1	D2	b	z-Φ	H	H1	W
Q47F-25 Q67F-25 Q47F-25P Q347F-25 Q367F-25 Q347F-25P Q647F-25 Q667F-25 Q647F-16P Q747F-25 Q767F-25 Q747F-25P Q947F-25 Q967F-25 Q947F-25P									
50	216	160	125	100	20	4-Φ18	177	120	-
65	241	180	145	120	22	8-Φ18	190	140	-
80	283	195	160	135	22	8-Φ18	210	150	-
100	305	230	190	160	24	8-Φ23	235	172	-
125	381	270	220	188	28	8-Φ25	350	215	-
150	403	300	250	218	30	8-Φ25	530	250	-
200	502	360	310	278	34	12-Φ25	620	290	600
250	568	425	370	332	36	12-Φ30	650	320	600
300	648	485	430	390	40	16-Φ30	780	360	600
350	762	550	490	448	44	16-Φ34	790	395	800
400	838	610	550	505	48	16-Φ34	920	450	800
450	914	660	600	555	50	20-Φ34	970	490	800
500	991	730	660	610	52	20-Φ41	1100	530	800
600	1143	840	770	718	56	20-Φ41	1150	590	800
700	1346	955	875	815	60	24-Φ48	1850	700	800

锻钢固定式球阀 Forged Trunnion-mounted Ball Valve

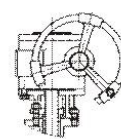
全国免费热线：4001-899-439



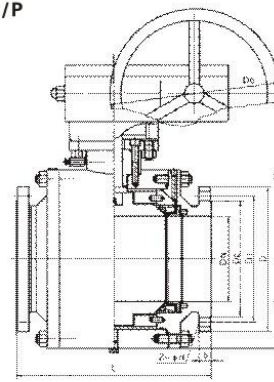
锻钢固定式球阀 Forged trunnion-mounted ball valve QD47/347/647/947F-16C/P



耐火结构
Fire durable



蜗轮传动
Worm gear operation



主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

公称通径 DN(mm) Nominal Diameter	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions								
	L	D	D1	D2	b	z-Φ	H	H1	D0
QD47F-16C QD47F-16P QD347F-16C QD347F-16P QD647F-16C QD647F-16P QD747F-16C QD747F-16P QD9B47F-16C QD9B47F-16P									
50	178	160	125	100	16	4-Φ18	160	85	-
65	191	180	145	120	18	4-Φ18	170	95	-
80	203	195	160	135	20	8-Φ18	200	110	-
100	229	215	180	155	20	8-Φ18	210	120	-
125	356	245	210	185	22	8-Φ18	350	215	-
150	394	280	240	210	24	8-Φ23	530	190	-
200	457	335	295	265	26	12-Φ23	575	230	230
250	533	405	355	320	30	12-Φ25	585	260	600
300	610	460	410	375	30	12-Φ25	730	300	600
350	686	520	470	435	34	16-Φ25	860	350	800
400	762	580	525	485	36	16-Φ30	935	395	800
450	864	640	585	545	40	20-Φ30	975	440	800
500	914	705	650	608	44	20-Φ34	1060	485	800
600	1067	840	770	718	48	20-Φ41	1170	591	800
700	1245	910	840	788	50	24-Φ41	1270	686	800



锻钢固定式球阀
Forged Trunnion-mounted Ball Valve

全国免费热线：4001-899-439

锻钢固定式球阀Forged trunnion-mounted ball valve
QD47/347/647/947F-25~64(P)

主要外形和连接尺寸 Main External and Connection Dimension 单位Unit:mm

公称通径DN(mm) Nominal diameter	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions								
	L	D	D1	D2	b	Z-φd	H	H1	D0
QD47F-25 QD47F-25P QD347F-25 QD347F-25P									
QD647F-25 QD647F-25P QD747F-25 QD747F-25P QD947F-25 QD947F-25P									
50	216	160	125	100	20	4-φ18	160	85	-
65	241	180	145	120	22	8-φ18	170	95	-
80	283	195	160	135	22	8-φ18	200	110	-
100	305	230	190	160	24	8-φ23	210	120	-
125	381	270	220	188	28	8-φ25	350	215	-
150	403	300	250	218	30	8-φ25	530	190	-
200	502	360	310	278	34	12-φ25	575	230	600
250	568	425	370	332	36	12-φ30	585	260	600
300	648	485	430	390	40	16-φ30	730	300	600
350	762	550	490	448	44	16-φ34	860	350	800
400	838	610	550	505	48	16-φ34	935	395	800
450	914	660	600	555	50	20-φ34	975	440	800
500	991	730	660	610	52	20-φ41	1060	485	800
600	1143	840	770	718	56	20-φ41	1170	591	800
700	1346	955	875	815	60	24-φ48	1270	686	800

主要外形和连接尺寸 Main External and Connection Dimension 单位Unit:mm

公称通径DN(mm) Nominal diameter	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions									
L	D	D1	D2	D6	b	Z-φd	H	H1	D0	
QD47F-40 QD47F-40P QD347F-40 QD347F-40P										
QD647F-40 QD647F-40P QD747F-40 QD747F-40P QD947F-40 QD947F-40P										
50	216	160	125	100	88	20	4-φ18	160	85	-
65	241	180	145	120	110	22	8-φ18	170	95	-
80	283	195	160	135	121	22	8-φ18	200	110	-
100	305	230	190	160	150	24	8-φ23	210	120	-
125	381	270	220	188	176	28	8-φ25	350	215	-
150	403	300	250	218	204	30	8-φ25	530	190	-
200	502	375	320	282	260	38	12-φ30	575	230	600
250	568	445	385	345	313	42	12-φ34	585	260	600
300	648	510	450	408	364	46	16-φ34	730	300	600
350	762	570	510	465	422	52	16-φ34	860	350	800
400	838	655	585	535	474	58	16-φ41	935	395	800
450	914	680	610	560	524	60	20-φ41	975	440	800
500	991	755	670	612	576	62	20-φ48	1060	485	800
600	1143	890	795	730	678	62	20-φ54	1170	591	800
700	1346	995	900	835	768	68	24-φ54	1270	686	800

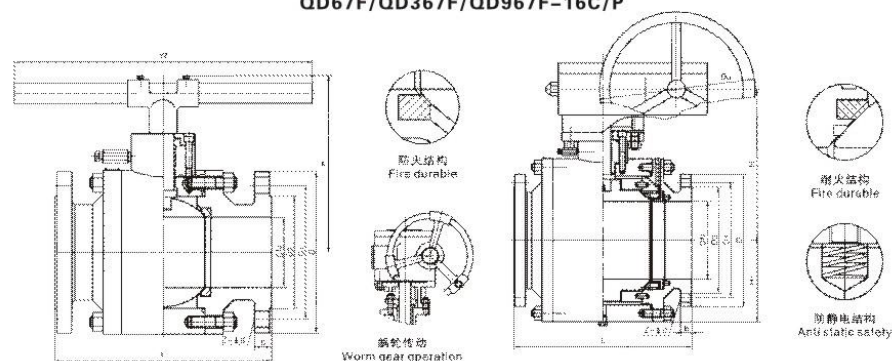
主要外形和连接尺寸 Main External and Connection Dimension 单位Unit:mm

公称通径DN(mm) Nominal diameter	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions									
	L	D	D1	D2	D6	b	Z-φd	H	H1	D0
QD47F-64 QD47F-64P QD347F-64 QD347F-64P QD647F-64 QD647F-64P QD747F-64 QD747F-64P QD947F-64 QD947F-64P										
50	292	175	135	105	88	26	4-φ23	160	85	-
65	330	200	160	130	110	28	8-φ23	170	95	-
80	356	210	170	140	121	30	8-φ23	200	110	-
100	432	250	200	168	150	32	8-φ25	210	120	-
125	508	295	240	202	176	36	8-φ30	350	215	-
150	559	340	280	240	204	38	8-φ34	530	190	600
200	660	405	345	300	260	44	12-φ34	575	230	600
250	787	470	400	352	313	48	12-φ41	585	260	600
300	838	530	460	412	364	54	16-φ41	730	300	800
350	889	595	525	475	422	50	16-φ41	860	350	800
400	991	670	585	525	474	66	16-φ48	935	395	800
450	1092	670	630	570	524	70	20-φ48	975	440	800
500	1194	800	705	640	576	70	20-φ54	1060	485	800
600	1397	930	820	750	678	76	20-φ58	1170	591	800

锻钢固定式球阀
Forged Trunnion-mounted Ball Valve

全国免费热线：4001-899-439

锻钢固定式球阀Forged trunnion-mounted ball valve
QD67F/QD367F/QD967F-16C/P



主要外形和连接尺寸 Main External and Connection Dimension 单位Unit:mm

公称通径DN(mm) Nominal diameter	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions				
	L	d1	H	H1	Do
QD67F-16C QD67F-16P QD367F-16C QD367F-16P					
QD667F-16C QD667F-16P QD767F-16C QD767F-16P QD967F-16C QD967F-16P					
50	216	50	160	85	400
65	241	65	170	95	400
80	283	80	200	110	400
100	305	100	210	120	400
125	381	125	350	125	400
150	403	150	530	190	600
200	505	200	575	230	600
250	568	250	585	260	600
300	648	300	730	300	600
350	762	350	860	350	800
400	838	400	935	395	800
450	914	450	975	440	800
500	991	500	1060	485	800
600	1143	600	1170	591	800
50	216	50	160	85	400
65	241	65	170	95	400
80	283	80	200	110	400
100	305	100	210	120	400
125	381	125	350	125	400
150	403	150	530	190	600
200	502	200	575	230	600
250	568	250	585	260	600
300	648	300	730	300	600
350	762	350	860	350	800
400	838	400	935	395	800
450	914	450	975	440	800
500	991	500	1060	485	800
600	1143	600	1170	591	800



锻钢固定式球阀
Forged Trunnion-mounted Ball Valve

全国免费热线：4001-899-439

锻钢固定式球阀Forged trunnion-mounted ball valve
QD67/367/967F-40~64(P)

主要外形和连接尺寸 Main External and Connection Dimension 单位Unit: mm

公称通径DN(mm) Nominal diameter	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions				
	L	d1	H	H1	Do
QD67F-40 QD67F-40P QD367F-40 QD367F-40P QD667F-40 QD667F-40P QD767F-40 QD767F-40P QD9B67F-40 QD9B67F-40P					
50	216	50	160	85	400
65	241	65	170	95	400
80	283	80	200	110	400
100	305	100	210	120	400
125	381	125	350	125	400
150	403	150	530	190	600
200	502	200	575	230	600
250	568	250	585	260	600
300	648	300	730	300	600
350	762	350	860	350	800
400	838	400	935	395	800
450	914	450	975	440	800
500	991	500	1060	485	800
600	1143	600	1170	591	800

主要外形和连接尺寸 Main External and Connection Dimension 单位Unit: mm

公称通径DN(mm) Nominal diameter	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions				
	L	d1	H	H1	Do
QD67F-64 QD67F-64P QD367F-64 QD367F-64P QD667F-64 QD667F-64P QD767F-64 QD767F-64P QD9B67F-64 QD9B67F-64P					
50	283	50	160	85	400
65	330	65	170	95	400
80	356	80	200	110	400
100	406	100	210	120	400
125	457	125	350	125	400
150	495	150	530	190	600
200	597	200	575	230	600
250	673	250	585	260	600
300	762	300	730	300	600
350	826	350	860	350	800
400	902	400	935	395	800
450	978	450	975	440	800
500	1054	500	1060	485	800
600	1232	600	1170	591	800

锻钢固定式球阀
Forged Trunnion-mounted Ball Valve

全国免费热线：4001-899-439

固定式球阀Trunnion-mounted ball valve Q47F/Q347F/Q947F-40~64(P)

主要外形和连接尺寸 Main External and Connection Dimension 单位Unit: mm

公称通径 DN(mm) Nominal Diameter	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions									
	L	D	D1	D2	D6	b	Z-φd	H	H1	W
Q47F-40 Q67F-40 Q47F-40P Q347F-40 Q367F-40 Q347F-40P Q647F-40 Q667F-40 Q647F-40P Q747F-40 Q767F-40 Q747F-40P Q9B47F-40 Q9B67F-40 Q9B47F-40P										
50	216	160	125	100	88	20	4-φ18	177	120	-
65	241	180	145	120	110	22	8-φ18	190	140	-
80	283	195	160	135	121	22	8-φ18	210	150	-
100	305	230	190	160	150	24	8-φ23	235	172	-
125	381	270	220	188	176	28	8-φ25	350	215	-
150	403	300	250	218	204	30	8-φ25	530	250	-
200	502	375	320	282	260	38	12-φ30	620	290	600
250	568	445	385	345	313	42	12-φ34	650	320	600
300	648	510	450	408	364	46	16-φ34	780	360	600
350	762	570	510	465	422	52	16-φ34	790	395	800
400	838	655	585	535	474	58	16-φ41	920	450	800
450	914	680	610	560	524	60	20-φ41	970	490	800
500	991	755	670	612	576	62	20-φ48	1100	530	800
600	1143	890	795	730	678	62	20-φ54	1150	590	800
700	1346	995	900	835	768	68	24-φ54	1850	700	800

主要外形和连接尺寸 Main External and Connection Dimension 单位Unit: mm

公称通径 DN(mm) Nominal Diameter	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions									
	L	D	D1	D2	D6	b	Z-φd	H	H1	W
Q47F-64 Q67F-64 Q47F-64P Q347F-64 Q367F-64 Q347F-64P Q647F-64 Q667F-64 Q647F-64P Q747F-64 Q767F-64 Q747F-64P Q9B47F-64 Q9B67F-64 Q9B47F-64P										
50	292	175	135	105	88	26	4-φ23	177	120	-
65	330	200	160	130	110	28	8-φ23	190	140	-
80	356	210	170	140	121	30	8-φ23	210	150	-
100	432	250	200	168	150	32	8-φ25	235	172	-
125	508	295	240	202	176	36	8-φ30	350	215	-
150	559	340	280	240	204	38	8-φ34	530	250	600
200	660	405	345	300	260	44	12-φ34	620	290	600
250	787	470	400	352	313	48	12-φ41	650	320	600
300	838	530	460	412	364	54	16-φ41	780	360	800
350	889	595	525	475	422	60	16-φ41	790	395	800
400	991	670	585	525	474	66	16-φ48	920	450	800
450	1092	670	630	570	524	70	20-φ48	970	490	800
500	1194	800	705	640	576	70	20-φ54	1100	530	800
600	1397	930	820	750	678	76	20-φ58	1150	590	800



V型球阀 V-Shaped ball valve

全国免费热线：4001-899-439

概述

- A、采用弹簧加载的可动阀座结构，防止了球芯与阀座发生卡阻或脱离等问题，密封可靠，使用寿命长。
- B、V型切口的球芯与金属阀座之间有剪切作用，特别适用于含纤维、微小固体颗粒、浆料等介质。
- C、全开时流通能力大，压力损失小，且介质不会沉积在阀体中腔。
- D、本阀具有精确调节并可靠定位功能，流量特性为近似等百分比，可调范围大，最大可调比为100:1。

主要设计参数

公称压力: PN1.6~6.4MPa
使用温度: 常温-28~180℃
中温: -28~250℃
高温: -40~425℃
阀体材料: WCB CF8 CF8M CF3M
阀杆: 2Cr13 304 316
回转角度: 90°
阀座: PTFE 0Cr17Ni4Cu4Nb
阀芯材料: CF8 CF8M CF3M
基本误差: ≤1.5%
回差: ≤1.5%
死区: ≤0.5%



公称通径DN、额定流量系数Kv、允许压差△P见表
Nominal diameter DN, rated flow coefficient Kv, allowable pressure difference △P

DN (mm)	25	32	40	50	65	80	100	150	200	250	300	350	400
Kv	22	36	58	82	145	200	355	798	418	2209	3185	4309	5664
△P (MPa)	14	8	10	9	20	14	8	6	3.5	1.6	2.5	2	1.5

Overview

- A、Movable spring-loaded valve seat structure prevents jamming or severing between ball core and valve seat to make the seal reliable and useful life long
- B、There is shearing action between V-shaped notch ball core and metal valve seat, so it is applicable especially to media containing fiber, micro solid materials, pulp, and so on.
- C、When it is fully open, there will be a big flow capacity and small pressure loss and the medium will not deposit in the valve cavity
- D、The valve has precise adjustment and reliable position function. The flow characteristic is approximate equal percentage and the adjustable range is wide with largest adjustable ratio of 100:1

Principle design parameters

Nominal pressure: PN1.6~6.4MPa
Operating temperature: room temperature-28~180℃
Medium temperature: -28~250℃
High temperature: -40~425℃
Valve body material: WCB CF8 CF8M CF3M
Valve stem: 2Cr13 304 316
Revolution angle: 90°
Valve seat: PTFE 0Cr17Ni4Cu4Nb
Valve disk material: CF8 CF8M CF3M
Basic error: ≤1.5%
Return difference: ≤1.5%
Dead zone: ≤0.5%

V型球阀 V-Shaped ball valve

全国免费热线：4001-899-439



V型球阀 V-Shaped ball valve

使用范围 Operating range

公称压力 (PN) Nominal pressure	常温最大工作 压力(Mpa) Biggest operating pressure in room temperature	壳体试验压力 (Mpa) Shell test pressure	气密封试验 压力(Mpa) Hermetic seal test pressure	高压密封试验 压力(Mpa) High seal test pressure
1.6	1.6	2.4	0.6	1.76
2.5	2.5	3.8	0.6	2.75
4.0	4.0	6.0	0.6	4.4
6.4	6.4	9.6	0.6	7.1
Class 150	2.0	3.0	0.6	2.2
Class 300	5.0	7.5	0.6	5.5

使用范围 Operating range

壳体材料 Shell material	阀座材料 Valve seat material	适用温度 Applicable temperature	适用介质 Applicable medium
碳钢C型 Carbon steel model C	PTFE+不锈钢 PTFE+stainless steel	≤150℃	水、蒸汽、 油品等 Water, steam, oil goods and so on
	不锈钢 stainless steel	≤200℃	
铬镍钛钢P型 Cr.Ni.Ti steel model P	PTFE+不锈钢 PTFE+stainless steel	≤150℃	硝酸类 Nitric acid
	不锈钢 stainless steel	≤200℃	
铬镍钛钢C型 Cr.Ni.Ti steel model C	PTFE+不锈钢 PTFE+stainless steel	≤150℃	醋酸类 Acetic acid
	不锈钢 stainless steel	≤200℃	
铬镍钛钢I型 Cr.Ni.Ti steel model I	本体+硬质合金 Entity+cemented carbide	≤550℃	蒸汽、冶炼能源等 Steam, smelting energy and so on

主要零件及材质 Main Parts and Materials

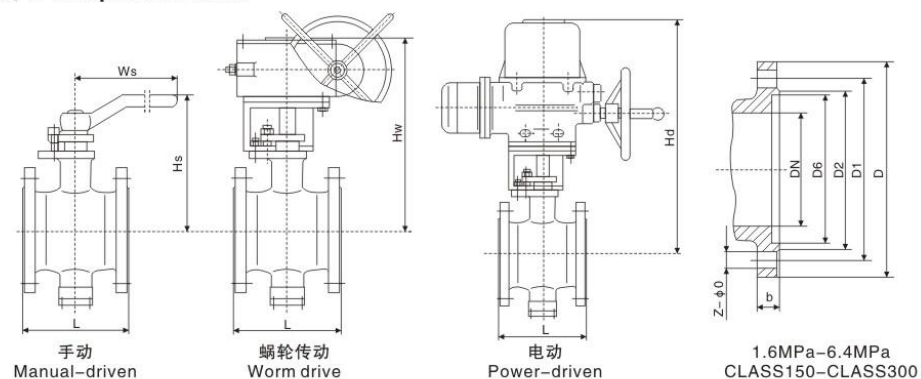
阀体、阀盖 Valve body, valve cover	GB	WCB	ZG1Cr18Ni9Ti	ZG0Cr18Ni12Mo2Ti	ZG15Cr1Mo1V
	ASTM	WCB	CFB	CF8M	Wc9
球体 Ball	GB	ZG2Cr13	ZG1Cr18Ni9Ti/表面特殊处理 ZG1Cr18Ni9Ti/ /Specialty surface protections	ZG1Cr18Ni9Ti/表面特殊处理 ZG1Cr18Ni9Ti/ /Specialty surface protections	ZG1Cr18Ni9Ti/表面特殊处理 ZG1Cr18Ni9Ti/ /Specialty surface protections
	ASTM	Ca15	CF8+HF	CF8M+HF	WC9+HF
阀杆 Valve stem	GB	2Cr13	1Cr18Ni9Ti	2Cr18Ni12Mo2Ti	25Cr2Mo2V
	ASTM	420	304	316	F22a
阀座 Valve seat	GB	PTFE 2Cr13	PTFE 1Cr18Ni9Ti	PTFE 0Cr18Ni12Mo2Ti	D517
	ASTM	PTFE 420	PTFE 304	PTFE 316	HF
填料 Filling material	GB	PTFE 柔性石墨 graphite PTFE	PTFE 柔性石墨 graphite PTFE	PTFE 柔性石墨 graphite PTFE	柔性石墨 graphite PTFE
	ASTM	PTFE 柔性石墨 graphite PTFE	PTFE 柔性石墨 graphite PTFE	PTFE 柔性石墨 graphite PTFE	柔性石墨 graphite PTFE
螺栓 Bolt	GB	35	0Cr18Ni9	0Cr18Ni9	15Cr1Mo1V
	ASTM	A193 B7	A320-B8	A320-B8	A193 B16
螺母 nut	GB	45	0Cr18Ni9	0Cr18Ni9	20CrMo
	ASTM	A194 2H	a194-8	a194-8	A194-4



V型球阀 V-Shaped ball valve

全国免费热线：4001-899-439

V型球阀 V-Shaped ball valve



主要外型与连接尺寸表Form of Main Types and C onnecting Dimension

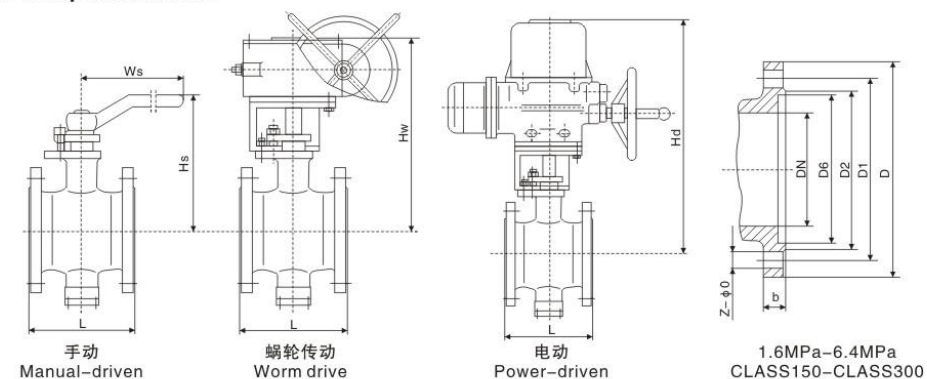
公称压力 PN(MPa)	公称口径 DN(mm)	尺寸Dimension(mm)								
		L	D	D1	D2	f	b	H	L1	N-Φ
1.6MPa	25	102	115	85	65	2	14	150	260	4-14
	32	102	135	100	78	2	16	165	260	4-18
	40	114	154	110	85	3	16	170	260	4-18
	50	124	160	125	100	3	16	190	260	4-18
	65	145	180	145	120	3	18	208	260	8-18
	80	165	195	160	135	3	20	250	260	8-18
	100	164	215	180	155	3	20	265	262	8-18
	150	213	245	210	185	3	22	295	262	8-18
	125	229	280	240	210	3	24	330	370	8-23
	200	243	335	295	265	3	26	390	370	12-23
	250	297	405	355	320	3	30	450	370	12-25
	300	338	460	410	375	4	30	480	370	12-25
	350	410	520	470	435	4	34	540	370	16-25
	400	445	580	525	548	4	36	540	370	16-30
2.5MPa	25	102	115	85	65	2	16	150	260	4-14
	32	102	135	100	78	2	18	165	260	4-18
	40	114	145	110	85	3	18	170	260	4-18
	50	124	160	125	100	3	20	190	260	4-18
	65	145	180	145	120	3	22	205	260	8-18
	80	165	195	160	135	3	22	250	260	8-18
	100	194	230	190	160	3	24	265	262	8-23
	125	213	270	220	188	3	28	290	262	8-25
	200	229	300	250	218	3	30	330	370	8-25
	150	243	350	310	278	3	34	390	370	12-25
	250	297	425	370	332	3	36	450	370	12-30
	300	338	485	430	390	4	40	480	370	16-30
	350	410	550	490	448	4	44	540	370	16-34
	400	445	610	550	505	4	48	540	370	16-34

V型球阀 V-Shaped ball valve

全国免费热线：4001-899-439



V型球阀 V-Shaped ball valve



主要外型与连接尺寸表Form of Main Types and C onnecting Dimension

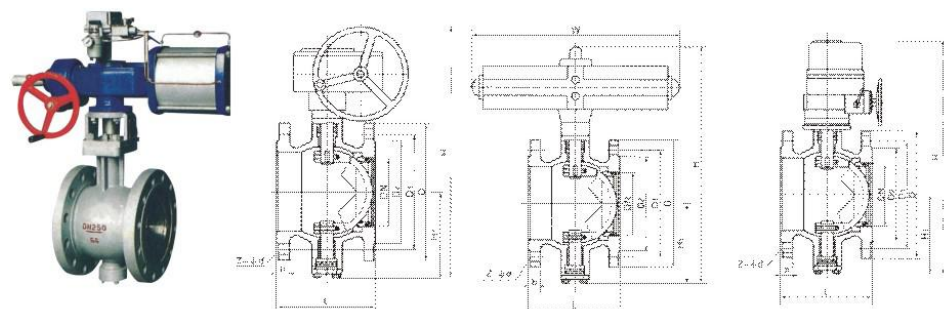
公称压力 PN(MPa)	公称口径 DN(mm)	尺寸Dimension(mm)								
		L	D	D1	D2	f	b	H	D6	N-Φ
4.0MPa	25	102	115	85	65	2	16	150	58	4-14
	32	102	135	100	78	2	18	165	66	4-18
	40	114	145	110	85	2	18	170	76	4-18
	50	124	160	125	100	3	20	225	225	8-18
	65	143	180	145	120	3	22	235	235	8-18
	80	165	195	160	135	3	22	260	260	8-18
	100	194	230	190	160	3	24	270	270	8-23
	150	213	270	220	188	3	28	320	320	8-25
	125	229	300	250	218	3	30	340	340	8-25
	200	243	375	320	282	3	38	390	390	12-30
	250	297	445	385	345	3	42	420	420	12-34
	300	338	510	450	408	4	46	510	510	16-34
6.4MPa	25	102	135	100	78	2	22	150	150	4-18
	32	102	150	110	82	2	24	165	165	4-23
	40	114	165	125	95	3	24	170	170	4-23
	50	124	175	135	105	3	26	225	225	4-23
	65	143	200	160	130	3	28	235	235	8-23
	80	165	210	170	140	3	30	260	260	8-23
	100	194	250	200	168	3	32	270	270	8-25
	125	213	295	240	202	3	36	320	320	8-30
	200	229	340	280	240	3	38	340	340	8-34
	150	243	405	345	300	3	44	390	390	12-34
	250	297	470	400	352	3	48	420	420	12-41
	300	338	530	460	412	4	54	510	510	16-41



V型球阀 V-Shaped ball valve

全国免费热线：4001-899-439

V型调节球阀V-Regulating ball valve VQ347/647/947(HY)-16~25(C/P)



主要外形和连接尺寸 Main External and Connection Dimension 单位Unit: mm

公称通径 DN(mm) Nominal Diameter	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions							H			H ₁	W
	L	L ₁	D	D ₁	D ₂	b	Z-Φ d	VQ347	VQ647	VQ947		
	VQ347H-16C VQ347Y-16P VQ647H-16C VQ647Y-16P VQ947H-16C VQ947Y-16P											
50	124	62	165	125	100	16	4-Φ18	225	248	365	92	400
65	145	72.5	185	145	120	18	4-Φ18	235	255	375	100	400
80	165	82.5	200	160	135	20	8-Φ18	260	270	380	108	400
100	194	97	220	180	155	20	8-Φ18	270	278	390	117	400
125	210	105	250	210	185	22	8-Φ18	320	335	405	140	455
150	229	114.5	285	240	210	22	8-Φ23	340	358	420	177	455
200	243	121.5	340	295	265	24	12-Φ23	390	405	510	200	700
250	297	148.5	405	355	320	26	12-Φ26	420	449	540	252	700
300	338	169	460	410	375	28	12-Φ26	510	550	605	270	700

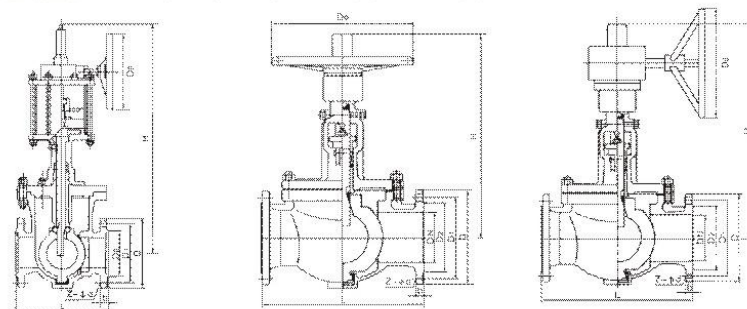
主要外形和连接尺寸 Main External and Connection Dimension 单位Unit: mm

公称通径 DN(mm) Nominal Diameter	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions							H			H ₁	W
	L	L ₁	D	D ₁	D ₂	b	Z-Φ d	VQ347	VQ647	VQ947		
	VQ347H-25C VQ347Y-25P VQ647H-25C VQ647Y-25P VQ947H-25C VQ947Y-25P											
50	124	62	165	125	100	20	4-Φ18	225	248	365	92	400
65	145	72.5	185	145	120	22	8-Φ18	235	255	375	100	400
80	165	82.5	200	160	135	22	8-Φ18	260	270	380	108	400
100	194	97	230	190	160	24	8-Φ23	270	278	390	117	400
125	210	105	270	220	188	26	8-Φ26	320	335	405	140	455
150	229	114.5	300	250	218	28	8-Φ26	340	358	420	177	455
200	243	121.5	360	310	278	30	12-Φ26	390	405	510	200	700
250	297	148.5	425	370	332	32	12-Φ30	420	449	540	252	700
300	338	169	485	430	390	36	16-Φ30	510	550	605	270	700

轨道球阀 Orbital Ball Valve

全国免费热线：4001-899-439

轨道球阀Orbital ball valve GQ47/547/6S47/9B47H(Y)-16~25(P)



主要外形和连接尺寸 Main External and Connection Dimension 单位Unit: mm

公称通径DN(mm) Nominal diameter	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions							
	L	D	D ₁	D ₂	b	Z-Φ d	H	D ₆
	GQ47H-16C CQ47Y-16P GQ547H-16C GQ547Y-16P GQ6S47H-16C CQ6S47Y-16P GQ9B47H-16C GQ9B47Y-16P							
50	216	165	125	100	16	4-Φ18	380	200
65	290	185	145	120	18	4-Φ18	390	300
80	310	200	160	135	20	8-Φ18	400	300
100	350	220	180	155	20	8-Φ18	508	300
150	480	285	240	210	24	8-Φ23	690	400
200	600	340	295	265	26	12-Φ23	780	500
250	730	405	355	320	30	12-Φ26	990	600
300	850	460	410	375	30	12-Φ26	1180	600
350	980	520	470	435	34	16-Φ26	1250	650
400	1100	580	525	485	36	16-Φ30	1560	650
450	1200	640	585	545	40	20-Φ30	1630	700
500	1250	715	650	608	44	20-Φ34	1700	700
600	1450	840	770	718	48	20-Φ36	1880	800

主要外形和连接尺寸 Main External and Connection Dimension

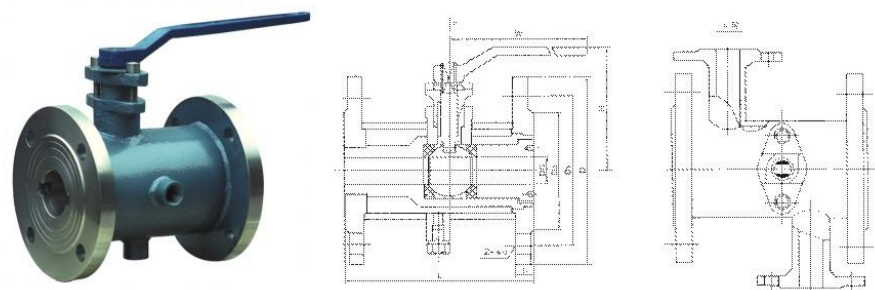
公称通径DN(mm) Nominal diameter	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions								
	L	D	D ₁	D ₂	D ₆	b	Z-Φ d	H	W
GQ47H-25 CQ47Y-16P GQ547H-25 GQ547Y-16P GQ6S47H-25 CQ6S47Y-16P GQ9B47H-25 GQ9B47Y-16P									
50	216	165	125	100	88	20	4-Φ18	380	200
65	290	185	145	120	110	22	8-Φ18	390	300
80	310	200	160	135	121	22	8-Φ18	400	300
100	350	235	190	160	150	24	8-Φ23	508	300
150	480	300	250	218	204	30	8-Φ26	690	400
200	600	375	320	282	260	38	12-Φ30	780	500
250	730	450	358	345	313	42	12-Φ34	990	600
300	850	515	450	408	364	46	16-Φ34	1180	600
350	980	580	510	465	422	52	16-Φ36	1250	650
400	1100	660	585	535	474	58	16-Φ41	1560	650
450	1200	685	610	560	524	60	20-Φ41	1630	700
500	1250	755	670	612	576	62	20-Φ42	1700	700
600	1450	890	795	730	676	62	20-Φ48	1880	800



保温球阀 Jacket Ball Valve

全国免费热线：4001-899-439

保温球阀 Jacket ball valve BQ41/641/941F-16~40C/P/R



主要外形和连接尺寸 Main External and Connection Dimension

单位Unit: mm

公称通径DN(mm) Nominal diameter	PN1.6MPa							
	L	D	D ₁	D ₂	b	Z-Φ d	H	W
15	108	95	65	45	14	4-Φ14	95	160
20	117	105	75	55	14	4-Φ14	101	160
25	127	115	85	65	14	4-Φ14	106	160
32	140	135	100	78	16	4-Φ18	112	230
40	165	145	110	85	16	4-Φ18	125	230
50	178	160	125	100	16	4-Φ18	135	230
65	191	180	145	120	18	4-Φ18	170	400
80	203	195	160	135	20	8-Φ18	193	400
100	229	215	180	155	20	8-Φ18	265	700
125	356	245	210	185	22	8-Φ18	310	700
150	394	280	240	210	24	8-Φ23	355	1100
200	457	335	295	265	26	12-Φ23	410	1500
250	533	405	355	320	30	12-Φ25	560	1500

主要外形和连接尺寸 Main External and Connection Dimension

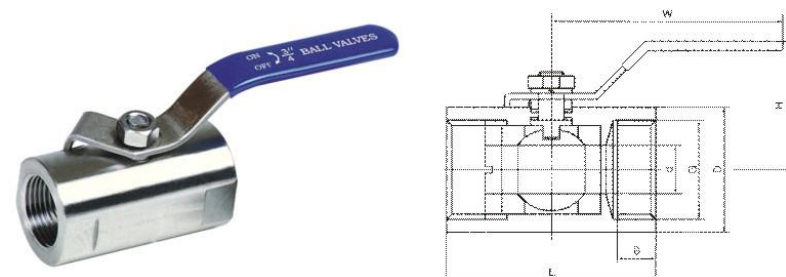
单位Unit: mm

公称通径DN(mm) Nominal diameter	PN2.5MPa							
	L	D	D ₁	D ₂	b	Z-Φ d	H	W
15	140	95	65	45	16	4-Φ14	95	160
20	152	105	75	55	16	4-Φ14	101	160
25	165	115	85	65	16	4-Φ14	106	160
32	178	135	100	78	18	4-Φ18	112	230
40	190	145	110	85	18	4-Φ18	125	230
50	216	160	125	100	20	4-Φ18	135	230
65	241	180	145	120	22	8-Φ18	170	400
80	283	195	160	135	22	8-Φ18	193	400
100	305	230	190	160	24	8-Φ23	265	700
125	381	270	220	188	28	8-Φ25	310	700
150	403	300	250	218	30	8-Φ25	355	1100
200	502	360	310	278	34	12-Φ25	410	1500
250	568	425	370	332	36	12-Φ30	560	1500

内螺纹球阀 Inside Screw Ball Valve

全国免费热线：4001-899-439

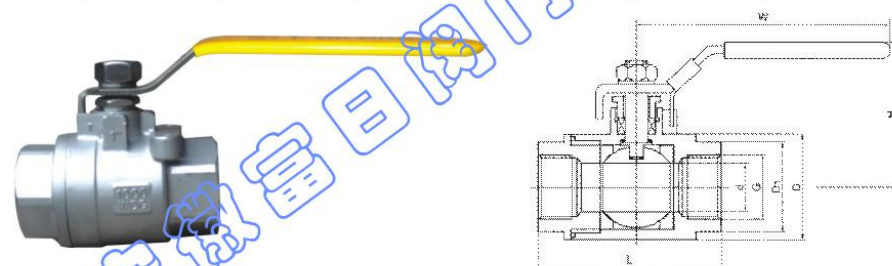
内螺纹球阀 Inside screw ball valve Q11F-16~40C/P/R



主要外形和连接尺寸 Main External and Connection Dimension

单位Unit: mm

公称通径 DN(mm) Nominal Diameter	PN1.6/2.5/4.0MPa, Class 150Lb/Class 300Lb						
	L	d	G	D	B	H	W
6	60	8	1/4"	30	11.5	56	110
10	60	10	3/8"	31	11.5	58	110
15	60	10	1/2"	32	14	58	110
20	67	13.5	3/4"	38	15	62	110
25	73	18	1"	45	15	68	110
32	90	22	1 1/4"	54	18	75	150
40	98	26	1 1/2"	63	19	83	150
50	112	32.8	2"	73	19	90	180



主要外形和连接尺寸 Main External and Connection Dimension

单位Unit: mm

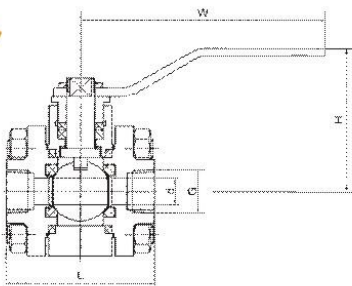
公称通径 DN(mm) Nominal Diameter	PN1.6/2.5/4.0MPa, Class 150Lb/Class 300Lb						
	L	d	G	D	B	H	W
10	80	10	3/8"	45	31.2	72	140
15	90	10	1/2"	48	34.6	76	140
20	100	13.5	3/4"	58	41.6	81	160
25	115	18	1"	66	53.1	92	180
32	130	22	1 1/4"	80	63.5	112	200
40	150	26	1 1/2"	90	69.3	121	250
50	180	32.8	2"	114	86.5	137	300



内螺纹球阀 Inside Screw Ball Valve

全国免费热线：4001-899-439

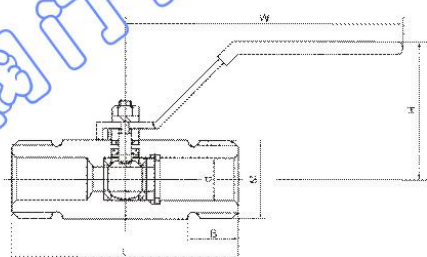
内螺纹球阀 Inside screw ball valve Q11F-16~40C/P/R



主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

公称口径DN(mm) Nominal diameter	PN1.6/2.5/4.0MPa Class 150Lb/Class 300Lb				
	L	d	G	H	W
10	65	8	3/8"	40	110
15	75	11	1/2"	46	110
20	80	14	3/4"	54	110
25	90	21	1"	64	140
32	110	25	1 1/4"	69	140
40	120	32	1 1/2"	76	155
50	140	38	2"	86	180



主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

公称通径DN(mm) Nominal diameter	PN1.6/2.5/4.0MPa Class 150Lb/Class 300Lb					
	L	d	M	B	H	W
6	60	8	M20x1.5	15	38	110
10	60	10	M24x1.5	16	40	110
15	60	10	M30x2	18	42	110
20	67	13.5	M36x2	18	62	110
25	73	18	M42x2	20	68	110
32	90	22	M52x2	20	75	150
40	98	26	M60x2	25	83	150
50	112	32.8	M72x2	25	90	150

上装式偏心半球阀 Top Entry Eccentric Semi-spherical Ball Valve

全国免费热线：4001-899-439

上装式偏心半球阀 DYQ 40X10 340X16 640H25 940F40 系列 Top entry eccentric semi-spherical valve DYQ 40X10 340X16 640H25 940F40 Series

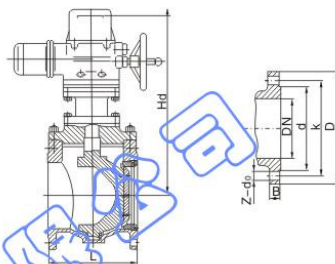
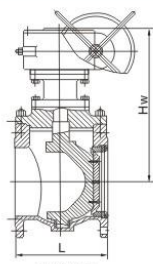
结构特点及用途

- 1、压力损失小：全开时水损为零，流通完全畅通，且介质不会沉积在阀体中腔内。
- 2、耐颗粒磨损：V形开口的球冠与金属阀座之间具有剪切作用，在关闭过程中，只在最后一刻球冠才靠向阀座，不形成磨擦。且阀座用耐磨的镍合金制成，不易被冲刷磨损，因而适用于含纤维、微小固体颗粒、浆等。
- 3、适合高流速介质：直通流道，坚固的偏心一曲轴使之适合高流速且无振动。
- 4、寿命长：无易损部件，由于偏心作用，阀门启闭时密封面间无磨擦。则使用寿命长。
- 5、维修方便：阀门维修时不需从管路上拆下，只要打开阀盖即可进行维修。
- 6、广泛适用于水、污水、含微小固体颗粒、水、蒸汽、煤气、天然气、油品等。

Structural feature and application

1. small pressure loss: zero water loss when fully opened. Unimpeded flow of passage. Medium will not deposit in the mid-chamber of valve.
2. stand wear and tear of particle: cutting function is provided between metal seat and spherical cap with V-type opening. In the process of close, spherical cap tends toward seat only at the last moment, no forming of abrasion. Meanwhile, seat is made of wearable nickle alloy, so it is applicable to fiber, mini solid particles, slurry, etc.
3. suit high-flow-rate medium: straight through flow passage. Firm eccentric shaft enable it to suit high flow rate with no vibration.
4. long life span: no easy-wearing parts. Due to its eccentric structure, the seal surface of valve will not cause friction during open and close. Therefore, it can extend the life span.
5. easy maintenance: only open the bonnet to do valve maintenance, no need to dismount it from pipeline.
6. it is widely used in water, sewage, mini-solid particle, steam, coal gas, natural gas, oil, etc.

结构示意图(Structural Diagram)



主要连接尺寸及重量(main connecting size and weight)

阀体、阀盖 Body, bonnet	GB	WCB	ZG1Cr18Ni9Ti	ZG0Cr18Ni12Mo2Ti	ZG15Cr1Mo1V
	ASTM	WCB	CF8	CF8	WC9
球体 Ball	GB	ZG2Cr13	ZG1Cr18Ni9Ti 表面特殊处理 Special surface treatment	ZG0Cr18Ni12Mo2Ti 表面特殊处理 Special surface treatment	ZG15Cr1Mo1V 表面特殊处理 Special surface treatment
	ASTM	CA15	CF8+HF	CF8M+HF	WC9+HF
阀杆 Stem	GB	2Cr13	1Cr18Ni9Ti	0Cr18Ni12Mo2Ti	25Cr2Mo2V
	ASTM	420	304	316	F22a
阀座 Seat	GB	PTFE	2Cr13	PTFE	1Cr18Ni9Ti
	ASTM	PTFE	420	PTFE	304
填料 Packing	GB	PTFE	柔性石墨	PTFE	柔性石墨
	ASTM	PTFE	Flexible graphite	PTFE	Flexible graphite
螺栓 Bolt	GB	35	0Cr18Ni9	0Cr18Ni9	15Cr1Mo1V
	ASTM	A193 B7	A320-B8	A320-B8	A193 B16
螺母 Nut	GB	45	0Cr18Ni9	0Cr18Ni9	20CrMo
	ASTM	A194-2	A194-8	A194-8	A194-4

设计与应用标准

- 1、设计与制造标准:JB/T 7745-95
- 2、连接法兰标准:GB/T 9113.1-2000
- 3、结构长度标准:GB/T 12221-2005、厂标
- 4、检验与实验标准:JB/T 12221-2005

Design and Application Standard

- 1、design and manufacture standard: JB/T 7745-95
- 2、connecting flange standard: GB/T 9113.1-2000
- 3、end to end standard: GB/T 12221-2005、manufacturer standard
- 4、test and inspection standard: JB/T 12221-2005

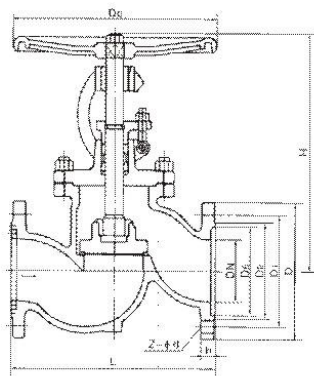
主要外形尺寸(Main External Sizes)

公称压力PN Nominal pressure	公称口径DN Nominal diameter	尺寸(mm) Size										公称压力PN Nominal pressure	公称口径DN Nominal diameter	尺寸(mm) Size									
		L	D	K	d	b	Z-d0	Hw	Hd					L	D	K	d	b	Z-d0	Hw	Hd		
1.0MPa	100	229	220	180	156	22	8-φ18	330	380			1.6MPa	100	229	220	180	156	22	8-φ18	330	380		
	125	254	250	210	184	22	8-φ22	345	405				125	254	250	210	184	22	8-φ22	345	405		
	150	267	285	240	211	24	8-φ22	370	440				150	267	285	240	211	24	8-φ22	370	440		
	200	292	340	295	266	24	8-φ22	405	470				200	292	340	295	266	24	8-φ22	405	470		
	250	330	395	350	319	26	12-φ22	480	540				250	330	395	350	319	26	12-φ22	480	540		
	300	356	445	400	370	26	12-φ22	520	580				300	356	460	410	370	26	12-φ26	520	580		
	350	430	505	460	429	26	16-φ22	570	630				350	430	520	470	429	30	16-φ26	570	630		
	400	530	565	515	480	26	16-φ26	630	710				400	530	580	525	480	32	16-φ30	630	710		
	450	580	615	565	530	28	20-φ26	690	770				450	580	640	585	530	40	20-φ30	690	770		
	500	660	670	620	582	28	20-φ26	740	820				500	660	715	650	582	44	20-φ33	740	820		
	600	840	780	725	682	34	20-φ30	840	940				600	840	840	770	682	54	20-φ36	840	940		
	700	900	895	840	794	34	24-φ30	960	1040				700	900	910	840	794	40	24-φ36	960	1040		
	800	1000	1015	950	901	36	24-φ33	1080	1180				800	1000	1025	950	901	42	24-φ39	1080	1180		
	900	1100	1115	1050	1001	38	28-φ33	1190	1280				900	1100	1125	1050	1001	44	28-φ39	1190	1280		
	1000	1200	1230	1160	1112	38	28-φ36	1310	1420				1000	1200	1255	1170	1112	46	28-φ42	1310	1420		
	1200	1300	1455	1380	1328	44	32-φ39	1420	1530				1200	1300	1485	1390	1328	52	32-φ48	1420	1530		
	1400	1500	1675	1590	1530	48	36-φ42	1540	1650				1400	1500	1685	1590	1530	58	36-φ48	1540	1650		



截止阀 Globe Valves

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产品执行标准 Production enforce standard

产品规范 Product Specification	设计规范 Design Spec	结构长度 Face to Face	连接法兰 Flange End	试验与检验 Test Check	压力-温度 Pressure -Temp	产品标识 Marking	供货规范 Supply
	GB/T12235	GB/T12221	JB/T79	JB/T9092	GB/T9131	GB/T12220	JB/T7928

产品性能规范 Chief property and specification

1、试验压力 Test pressure

公称压力 (Lb) Nominal Pressore	1.6	2.5	4.0	6.4	10.0	16.0
壳体强度试验 Shell strength test	2.4	3.8	6.0	9.6	15	24
上密封试验 Back seal test	1.8	2.8	4.4	7.0	11	18
密封试验 Seal test	1.8	2.8	4.4	7.0	11	18

2、适用介质及适用温度

Applicable medium & Applicable temperature

产品类型 Product type	适用介质 Applicable medium	适用温度℃ Applicable temperature
J41Y-C型 J941Y-C型	水、油品、蒸气 Water, oil, steam	≤425 ≤450
J41W-P型 J941W-P型	硝酸类 Nitric acid	≤200
J41W-R型	醋酸类 Acetic acid	≤200
J41Y-I型 J941Y-I型	水、油品、蒸气 Water, oil, steam	≤550

主要零件材料 Material for main parts

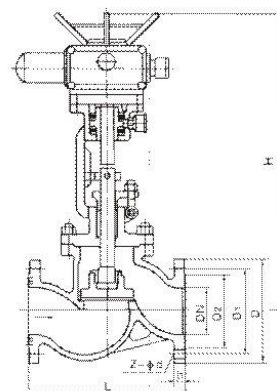
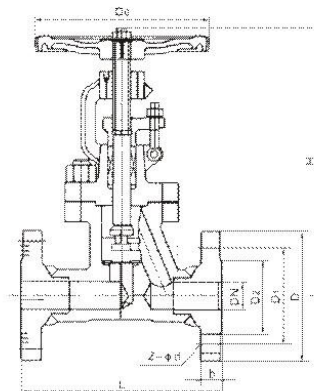
产品名称 Product type	零件名称 Part name							
	阀体、阀盖 Body bonnet	阀杆 Stem	阀瓣 Sealing face	密封面 sealing face	阀杆螺母 Yoke nut	填料 Packig	紧固件 Fastener	手轮 Hand wheel
J41Y-C型 J941Y-C型	2.5WCB	铬不锈钢 Cr.Stainless steel	2Cr13 25	H: 不锈钢 Y: 钴基硬质合金 H: Stainless steel Y: Co-based carbide alloy steel	铝青铜 Al bronze	柔性石墨 Flexibie graphite	优质碳钢 High-grade carbon steel	可锻铸铁 Foraeable cast-iron
J41W-P型 J941W-P型	铬镍钛钢 Cr,Ni,Ti steel	铬镍钛钢 Cr,Ni,Ti steel	铬镍钛钢 Cr,Ni,Ti steel	铬镍钛钢 Cr,Ni,Ti steel	铝青铜 Al bronze	柔性石墨 Flexibie graphite	不锈钢 Stainless steel	可锻铸铁 Foraeable cast-iron
J41W-R型	铬镍钼钛钢 Cr,Ni,Mo,Ti steel	铬镍钼钛钢 Cr,Ni,Mo,Ti steel	铬镍钼钛钢 Cr,Ni,Mo,Ti steel	铬镍钼钛钢 Cr,Ni,Mo,Ti steel	铝青铜 Al bronze	柔性石墨 Flexibie graphite	不锈钢 Stainless steel	可锻铸铁 Foraeable cast-iron
J41Y-I型 J941Y-I型	铬钼钢 Cr,Mo steel	铬钼钢 Cr,Mo steel	合金钢 Alloy steel	钴基硬质合金 Co-based carbide alloy steel	铝青铜 Al bronze	柔性石墨 Flexibie graphite	合金钢 Alloy steel	可锻铸铁 Foraeable cast-iron

截止阀 Globe Valves

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J41W/Y-16P/R/I



主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

公称通径 DN(mm) Nominal Diameter	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions								
	L	D	D1	D2	b	Z-d	H	D0	
J41Y-16C J41W-16P J41W-16R J41Y-16I									
10	130	90	60	40	14	2	4-14	198	120
15	130	95	65	45	16	2	4-14	218	120
20	150	105	75	55	16	2	4-14	258	140
25	160	115	85	65	16	2	4-14	275	160
32	180	135	100	78	18	2	4-18	280	180
40	200	145	110	85	18	3	4-18	330	200
50	230	160	125	100	18	3	4-18	350	240
65	290	180	145	120	18	3	4-18	400	280
80	310	195	160	135	20	3	8-18	355	280
100	350	215	180	155	22	3	8-18	415	320
125	400	245	210	185	24	3	8-18	460	360
150	480	280	240	210	24	3	8-23	510	400
200	600	335	295	265	26	3	12-23	710	400
250	650	405	355	320	30	3	12-23	768	450
300	750	460	410	375	30	3	12-23	925	500
350	850	520	470	435	34	4	16-25	980	560
400	950	580	525	485	36	4	16-30	1030	640
450	1050	640	585	545	40	4	20-30	1080	700
500	1150	705	650	608	42	4	20-34	1140	800



截止阀
Globe Valves

全国免费热线：4001-899-439

J41W/H/Y-25~40P/R/I

主要外形和连接尺寸 Main External and Connection Dimension

公称通径 DN(mm) Nominal Diameter	J41 ^H _Y -25 J41W-25P J41W-25R J41Y-25I J941 ^H _Y -25 J941W-25P J941W-25R J941Y-25II										电动装置 Electric dewice
	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions										
	L	D	D1	D2	b	f	Z-d	H手	H电	D0	
10	130	90	60	40	16	2	4-14	198	-	120	-
15	130	95	65	45	16	2	4-14	218	-	120	-
20	150	105	75	55	16	2	4-14	258	-	140	-
25	160	115	85	65	16	2	4-14	275	-	160	-
32	180	135	100	78	18	2	4-18	280	-	180	-
40	200	145	110	85	18	3	4-18	330	-	200	-
50	230	160	125	100	20	3	4-18	350	645	240	DZW10
65	290	180	145	120	22	3	8-18	400	690	280	DZW10
80	310	195	160	135	22	3	8-18	355	715	280	DZW20
100	350	230	190	160	24	3	8-23	415	770	320	DZW20
125	400	270	220	188	28	3	8-25	460	780	360	DZW30
150	480	300	250	218	30	3	8-25	510	875	400	DZW45
200	600	360	310	278	34	3	12-25	710	957	400	DZW60
250	650	425	370	332	36	3	12-30	786	-	450	DZW90
300	750	485	430	390	40	4	12-30	925	-	500	DZW120
350	850	550	490	448	42	4	16-34	975	-	560	DZW120
400	950	610	550	505	44	4	16-34	1025	-	640	DZW180
450	1050	660	600	555	46	4	20-34	1080	-	700	DZW250
500	1150	730	660	610	50	4	20-41	1120	-	800	DZW250

公称通径 DN(mm) Nominal Diameter	J41 ^H _Y -40 J41W-40P J41W-40R J41Y-40I J941 ^H _Y -40 J941W-40P J941W-40R J941Y-40II													电动装置 Electric dewice
	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions													
	L	D	D1	D2	D6	b	f	f ₂	Z-d	H手	H电	D0		
10	130	90	60	40	35	16	2	4	4-14	198	-	120	-	
15	130	95	65	45	40	16	2	4	4-14	233	-	120	-	
20	150	105	75	55	51	16	2	4	4-14	275	-	140	-	
25	160	115	85	65	58	16	2	4	4-14	285	-	160	-	
32	180	135	100	78	66	18	2	4	4-18	302	-	180	-	
40	200	145	110	85	76	18	3	4	4-18	355	-	200	-	
50	230	160	125	100	88	20	3	4	4-18	373	645	240	DZW10	
65	290	180	145	120	110	22	3	4	8-18	408	690	280	DZW10	
80	310	195	160	135	121	22	3	4	8-18	436	715	320	DZW20	
100	350	230	190	160	150	24	3	4.5	8-23	480	770	360	DZW20	
125	400	270	220	188	176	28	3	4.5	8-25	558	782	400	DZW30	
150	480	300	250	218	204	30	3	4.5	8-25	611	875	400	DZW45	
200	600	375	320	282	260	38	3	4.5	12-30	720	1160	400	DZW60	
250	650	445	385	345	318	42	3	4.5	12-34	780	1210	500	DZW90	
300	750	510	450	408	364	46	4	4.5	16-34	830	1260	560	DZW120	
350	850	570	510	465	422	52	4	5	16-34	980	1310	560	DZW120	
400	950	655	585	535	474	58	4	5	16-41	1030	1360	640	DZW180	

截止阀
Globe Valves

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J41/941 W/Y-64~160/I

主要外形和连接尺寸Main External and Connection Dimension

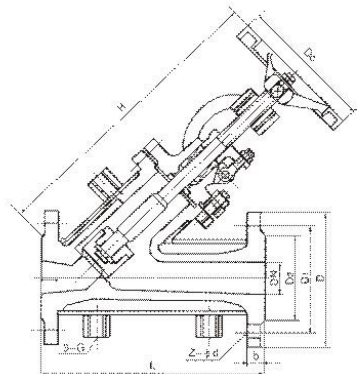
公称通径 DN(mm) Nominal Diameter	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions												电动装置 Electric dewice
	L	D	D1	D2	D6	b	f	f2	Z-d	H手	H电	D0	
J41 ^H _Y -64 J941 ^H _Y -64 J41Y-64I J941Y-64II													
10	170	100	70	50	35	18	2	4	4-14	198	-	120	-
15	170	105	75	55	41	18	2	4	4-14	195	-	140	-
20	190	125	90	68	51	20	2	4	4-18	228	-	160	-
25	210	135	100	78	58	22	2	4	4-18	275	-	180	-
32	230	150	110	82	66	24	2	4	4-23	325	-	200	-
40	260	165	125	95	76	24	3	4	4-23	360	-	240	-
50	300	175	135	105	88	26	3	4	8-23	410	710	280	DZW20
65	340	200	160	130	110	28	3	4	8-23	450	750	320	DZW20
80	380	210	170	140	121	30	3	4	8-23	485	785	360	DZW45
100	430	250	200	168	150	32	3	4	8-25	537	837	400	DZW60
125	500	295	240	202	176	26	3	4	8-30	631	-	400	DZW90
150	550	340	280	240	204	38	3	4	8-34	646	-	450	DZW90
200	650	405	345	300	260	44	3	4	12-34	813	-	500	DZW120
250	750	470	400	352	313	46	3	4.5	12-34	870	-	560	DZW120
300	900	530	460	412	364	48	4	4.5	12-41	920	-	620	DZW180
J41 ^H _Y -100 J941 ^H _Y -100 J41Y-100I J941Y-100II													
10	170	100	70	50	35	20	2	4	4-14	198	-	120	-
15	170	105	75	55	40	20	2	4	4-14	202	-	140	-
20	190	125	90	68	51	22	2	4	4-18	228	-	160	-
25	210	135	100	78	58	24	2	4	4-18	250	-	180	-
32	230	150	110	82	66	24	2	4	4-23	326	-	220	-
40	260	165	125	95	76	26	3	4	4-23	359	-	240	-
50	300	195	145	112	88	28	3	4	4-25	414	710	280	DZW20
65	340	220	170	138	110	32	3	4	8-25	434	750	320	DZW20
80	380	230	180	148	121	34	3	4	8-25	547	785	400	DZW45
100	430	265	210	172	150	38	3	4.5	8-30	621	837	450	DZW60
125	500	310	250	210	176	42	3	4.5	8-34	732	-	450	DZW90
150	550	350	290	250	204	46	3	4.5	12-34	840	-	500	DZW90
200	650	430	360	312	260	54	3	4.5	12-41	925	-	550	DZW120
250	750	500	430	382	313	60	3	4.5	12-41	870	-	560	DZW120
300	900	585	500	442	364	70	4	4.5	16-48	920	-	620	DZW180
J41 ^H _Y -160													
15	170	110	75	52	40	24	2	4	4-18	148	-	140	-
20	190	130	90	65	51	26	2	4	4-23	156	-	160	-
25	210	140	100	72	58	28	2	4	4-23	125	-	180	-
32	230	165	115	85	66	30	2	4	4-25	200	-	200	-
40	260	175	125	92	76	32	3	4	4-27	231	-	240	-
50	300	215	165	132	88	36	3	4	8-25	262	-	250	-
65	340	245	190	152	110	44	3	4	8-30	303	-	320	-
80	380	260	205	168	121	46	3	4	8-30	341	-	400	-
100	430	300	240	200	150	48	3	4.5	8-34	485	-	450	-



保温截止阀 Jacket Globe Valve

全国免费热线：4001-899-439

BJ45H/Y-15-40P/R



主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

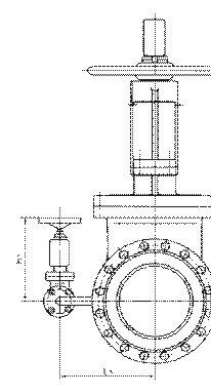
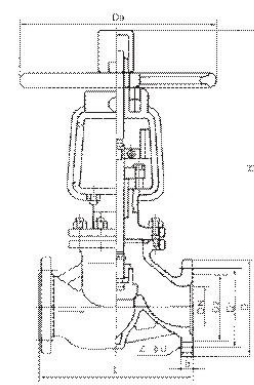
公称通径 DN(mm) Nominal Diameter	PN2.5/4.0MPa							G	H	D0
	L	D	D1	D2	D6	b	Z-φd			
BJ45H-25 BJ45Y-25P BJ45Y-25R BJ45Y-25R3										
15	200	105	75	55	—	16	4-φ14	1/2"	210	120
20	220	115	85	65	—	16	4-φ14	1/2"	240	140
25	220	135	100	78	—	18	4-φ18	1/2"	250	160
32	250	145	110	85	—	18	4-φ18	1/2"	270	160
40	270	160	125	100	—	20	4-φ18	1/2"	310	160
50	300	180	145	120	—	22	8-φ18	3/4"	330	240
65	350	195	160	135	—	22	8-φ18	3/4"	360	240
80	380	230	190	160	—	24	8-φ23	3/4"	400	280
100	430	270	220	188	—	28	8-φ25	1"	480	320
125	490	300	250	218	—	30	8-φ25	1"	550	360
150	570	330	280	248	—	32	12-φ25	1"	620	300
200	690	395	340	302	—	36	12-φ30	1"	750	400
BJ45H-40 BJ45Y-40P BJ45Y-40R BJ45Y-40R3										
15	200	105	75	55	51	16	4-φ14	1/2"	210	120
20	220	115	85	65	58	16	4-φ14	1/2"	240	140
25	220	135	100	78	66	18	4-φ18	1/2"	250	160
32	250	145	110	85	76	18	4-φ18	1/2"	270	160
40	270	160	125	100	88	20	4-φ18	1/2"	310	160
50	300	180	145	120	110	22	8-φ18	3/4"	330	240
65	350	195	160	135	121	22	8-φ18	3/4"	360	240
80	380	230	190	160	150	24	8-φ23	3/4"	400	280
100	430	270	220	188	176	28	8-φ25	1"	480	320
125	490	300	250	218	204	30	8-φ25	1"	550	360
150	570	350	295	258	234	34	12-φ30	1"	620	360
200	690	415	355	315	287	40	12-φ34	1"	750	400

氧气专用截止阀 Oxygen Globe Valve

全国免费热线：4001-899-439



YJ41H-25~40P/T



主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

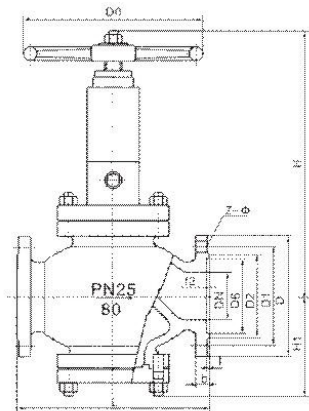
公称通径 DN(mm) Nominal Diameter	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions									
	L	D	D1	D2	b	Z-φd	D0	H	H1	L1
YJ41W-25P YJ41W-25T										
15	130	95	65	45	16	4-φ14	100	190	-	-
20	150	105	75	55	16	4-φ14	100	213	-	-
25	160	115	85	65	16	4-φ18	125	236	-	-
32	190	135	100	78	18	4-φ18	180	312	-	-
40	200	145	110	85	18	4-φ18	160	328	-	-
50	230	160	125	100	20	8-φ18	320	450	-	-
65	290	180	145	120	22	8-φ18	360	530	-	-
80	310	195	160	135	22	8-φ18	400	560	-	-
100	350	230	190	160	24	8-φ23	450	618	-	-
125	400	270	220	188	28	8-φ25	450	675	-	-
150	480	300	250	218	30	8-φ25	560	743	-	-
200	600	360	310	278	34	12-φ25	640	850	-	-
250	650	425	370	332	36	12-φ30	720	975	340	380
300	750	485	430	390	40	16-φ30	800	1115	340	415
400	950	610	550	505	48	16-φ34	900	1380	340	465



节流截止放空阀 Discharge Globe Valve

全国免费热线：4001-899-439

FJ41、FJL41、CJ41-1.6~16.0



主要外形和连接尺寸 Main External and Connection Dimension

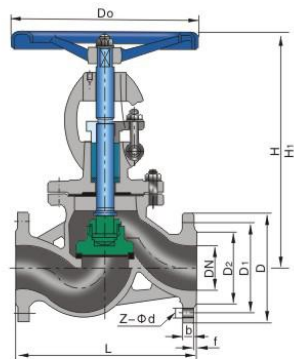
单位Unit:mm

公称压力(MPa) Nominal pressure	DN(mm)	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions							
		25	40	50	80	100	150	200	250
1.6MPa	L	216	230	230	310	350	480	600	730
	H	243	265	346	409	484	521	594	621
	H1	86	108	115	146	163	202	292	355
	D0	180	250	250	300	300	350	350	400
2.5MPa	L	216	230	230	310	350	480	600	730
	H	243	265	346	409	433	521	594	621
	H1	86	108	115	146	163	202	292	355
	D0	180	250	250	300	300	350	350	400
4.0MPa	L	216	230	230	310	350	480	600	730
	H	243	265	346	409	433	521	594	621
	H1	86	108	115	146	163	202	292	355
	D0	180	250	250	300	300	350	350	400
6.4MPa	L	216	230	230	310	350	480	600	730
	H	243	265	346	409	433	521	594	621
	H1	86	108	115	146	163	202	292	355
	D0	180	250	250	300	300	350	350	400
1.0MPa	L	230	260	300	380	430	559	660	787
	H	245	265	287	409	433	531	709	817
	H1	78	106	110	152	169	225	321	399
	D0	200	250	300	350	250	400	500	500
16.0MPa	L	230	260	300	390	450	-	-	-
	H	215	265	237	414	440	-	-	-
	H1	78	105	110	155	175	-	-	-
	D0	200	250	300	350	350	-	-	-

液化气截止阀 Liqueed Gas Globe Valve

全国免费热线：4001-899-439

J41N液化气截止阀 J41N Liquid gas Globe Valve



概述 Summary

该阀门采用成形聚四氟乙烯/柔性石墨作为动密封填料,由填料压盖提供初始密封,当发生磨损引起的动密封泄漏时,可用填料压盖螺母进行调整,适用于大多数高中压非腐蚀性流体输送场合。

The valve with forming of PTFE / flexible graphite as the dynamic seal packing, the packing glandProvide the initial seal, when the wear caused by dynamic seal leakage, packing gland nut into availableLine adjustment, suitable for most high pressure non corrosive fluid delivery occasions.

主要设计参数 Main design parameters

设计、制造 Design and manufacture: GB/T12235-89
法兰连接 Flange connection: JB/T79-94、GB9113-2000
结构长度 Structure length: GB12221-89
公称通径 Nominal diameter: DN15-300mm

主要性能参数 Main performance parameters

公称压力 Nominal pressure	壳体试验 Shell test	密封试验 Seal test	上密封试验 Upper seal test	适用介质 Applicable medium	适用温度 Applicable temperature
1.6	2.4	1.76	1.76	液化气、 天然气等 Liquid gas, Natural gas, etc.	-40~ 80°C
2.5	3.75	2.75	2.75		
4.0	6.0	4.4	4.4		

主要零件材料 Main part material

零件名称 Part name	材料 Material
阀体阀盖 Valve body valve cover	碳素钢 Carbon steel WCB
阀杆 Stem	铬不锈钢 Chrome stainless steel Cr13
阀瓣 Disc	25'密封面尼龙 Sealing surface nylon 1010
阀杆螺母 Stem nut	青铜 Bronze
填料 Packing	增强聚四氟乙烯成形 Reinforced PTFE forming
垫片 Shim	XB450
手轮 Handwheel	球墨铸铁 Graphite

主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

公称通径DN(mm) Nominal diameter	J41N-25型主要连接尺寸和外形尺寸 Main connection dimensions and dimensions (mm)									
	L	D	D1	D2	b	f	Z-Φd	H	H1	D0
15	130	95	65	45	16	2	4-Φ14	252	194	120
20	150	105	75	55	16	2	4-Φ14	270	200	120
25	160	115	85	65	16	2	4-Φ14	310	235	140
32	180	135	100	78	18	2	4-Φ18	322	260	160
40	200	145	110	85	18	3	4-Φ18	360	345	180
50	230	160	125	100	20	3	4-Φ18	408	370	200
65	290	180	145	120	22	3	8-Φ18	435	420	240
80	310	195	160	135	22	3	8-Φ18	475	455	280
100	350	230	190	160	24	3	8-Φ23	525	495	320
125	400	270	220	188	28	3	8-Φ25	600	570	360
150	480	300	250	218	30	3	8-Φ25	615	586	400
200	600	360	310	275	34	3	12-Φ25	720	635	450
250	730	425	370	332	36	3	12-Φ30	862	710	500
300	850	485	430	390	40	4	16-Φ34	935	790	500

注:不锈钢截止阀尚有生产, J41W-¹⁶/₂₅P, J41H-¹⁶/₄₀, DN15-300尺寸同上装。

Note: stainless steel valve is still in production, J41W-¹⁶/₂₅P, J41H-¹⁶/₄₀, DN15-300 size with the same size.。



国标止回阀系列 GB Check Valve Series

全国免费热线：4001-899-439

H44型旋启式止回阀 H44 Swing type check valve

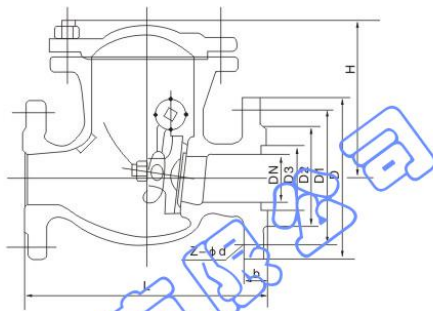
设计与应用标准

- 1、设计与制造标准:GB/T 12236-2008
- 2、连接法兰标准:JB/T 79-94
- 3、结构长度标准:GB/T12221-2005
- 4、检验与实验标准:JB/T9092-99
- 5、阀瓣为旋启式，流道直通，水平管道、垂直管道均可安装

Design and Application Standard

- 1、design and manufacture standard: GB/T 12236-2008
- 2、connecting flange standard: JB/T 79-94
- 3、end to end standard: GB/T12221-2005
- 4、test and inspection standard: JB/T9092-99
- 5、disc is swing type. Flow passage is straight through type. Can be installed in horizontal and vertical pipe.

结构示意图(Structural Diagram)



主要性能规范(Main technical feature)

型号 Type	公称压力 (MPa) Nominal pressure	试验压力 Test pressure		适用温度℃ Applicable temp.	适用介质 Applicable medium
		壳体 Shell	密封 Seal		
H44T-10	1.0	1.5	1.1	≤200	水、蒸汽 Water, steam
H44W-10				≤100	煤气、油品 Coal gas, oil
H44T-16	1.6	2.4	1.76	≤200	水、蒸汽 Water, steam
H44W-16				≤100	煤气、油品 Coal gas, oil
H44W-16P				-20 ~ 150	硝酸类 Nitrose
H44W-16R					醋酸类 acetic acid

主要零件材质(Main Parts and Materials)

零件名称 Parts	ZG1Cr18Ni9Ti 系列 Series	ZG00Cr18Ni10 系列 Series	ZG1Cr18Ni12MO2 系列 Series	ZG00Cr17NiMO2 系列 Series	WCB 系列 Series
阀体/阀盖 Body/Bonnet	ZG1Cr18Ni9Ti	ZG00Cr18Ni10	ZG1Cr18Ni12MO2Ti	ZG00Cr17Ni14MO2	WCB
摇杆 Arm	G1Cr18Ni9Ti	ZG00Cr18Ni10	ZG1Cr18Ni12MO2Ti	ZG00Cr17Ni14MO2	WCB
阀瓣 Disc	G1Cr18Ni9Ti	ZG00Cr18Ni10	ZG1Cr18Ni12MO2Ti	ZG00Cr17Ni14MO2	WCB
垫片 Gasket	304+PTFE	304L+PTFE	316+PTFE	316L+PTFE	Graphite 石墨+304
螺栓 Stud	1Cr17Ni2	1Cr17Ni2	1Cr17Ni2	1Cr17Ni2	35CrMOA
螺母 Nut	1Cr18Ni9Ti	1Cr18Ni9Ti	1Cr18Ni9Ti	1Cr18Ni9Ti	45

国标止回阀系列 GB Check Valve Series

全国免费热线：4001-899-439



PN1.6MPa主要连接尺寸(Main connecting size)

DN	50	65	80	100	125	150	200	250	300	350	400	500
L	230	290	310	350	400	480	550	650	750	850	950	1150
D	160	180	195	215	245	280	335	405	460	520	580	705
D1	125	145	160	180	210	240	295	355	410	470	525	650
H	160	175	185	220	248	276	350	410	430	466	560	618
n-Φd	4-18	4-18	8-18	8-18	8-18	8-23	12-23	12-25	12-25	16-25	16-30	20-34

PN2.5MPa主要连接尺寸(Main connecting size)

DN	50	65	80	100	125	150	200	250	300	350	400	500
L	230	290	310	350	400	480	550	650	750	850	950	1150
D	160	180	195	230	270	300	360	425	485	550	610	730
D1	125	145	160	190	220	250	310	370	430	490	550	660
H	160	175	185	220	428	276	350	410	430	466	550	618
n-Φd	4-18	8-18	8-18	8-23	8-25	8-25	12-25	12-30	16-30	16-34	16-34	20-41

PN4.0MPa主要连接尺寸(Main connecting size)

DN	50	65	80	100	125	150	200	250	300	350	400	500
L	230	290	310	350	400	480	550	650	750	850	950	1150
D	160	180	195	230	270	300	375	445	510	570	655	755
D1	125	145	160	190	220	250	320	385	450	510	585	670
H	160	175	185	220	428	276	350	410	430	466	550	618
n-Φd	4-18	8-18	8-18	8-23	8-25	8-25	12-30	12-34	16-34	16-34	16-41	20-48

PN6.4MPa主要连接尺寸(Main connecting size)

DN	50	65	80	100	125	150	200	250	300	350	400	500
L	300	340	380	430	500	550	650	775	900	1025	1150	1400
D	175	200	210	250	295	340	405	470	530	595	670	800
D1	135	160	170	200	240	280	345	400	460	525	585	705
H	192	207	207	235	265	297	357	405	465	514	568	620
n-Φd	4-23	8-23	8-23	8-25	8-30	8-34	12-34	12-41	16-41	16-41	16-48	20-54

PN10.0MPa主要连接尺寸(Main connecting size)

DN	50	65	80	100	125	150	200	250	300
L	300	340	380	430	500	550	650	775	900
D	195	220	230	265	310	350	430	500	585
D1	145	170	180	210	250	290	360	430	500
H	210	227	235	274	307	347	402	432	484
n-Φd	4-25	8-25	8-25	8-30	8-34	12-34	12-41	12-41	16-48

PN16.0MPa主要连接尺寸(Main connecting size)

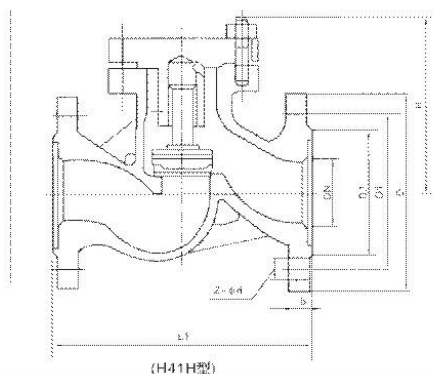
DN	50	60	80	100	125	150	200
L	300	340	380	430	500	550	650
D	215	245	260	300	355	390	480
D1	165	190	205	240	285	318	400
H	225	250	270	330	337	428	508
n-Φd	8-25	8-30	8-3	8-34	8-41	12-41	12-48



升降式止回阀 Lift Check Valve

全国免费热线：4001-899-439

H41H(Y)-16-25C/P/R/I

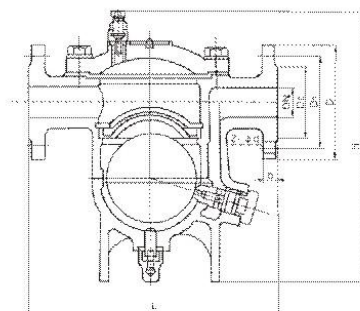


主要外形和连接尺寸 Main external and connection dimension 单位Unit: mm

公称通径DN(mm) Nominal diameter	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions						
	L	D	D1	D2	b	Z-φd	H
H41H-16C H41W-16C H41W-16P H41W-16R H41W-16I							
15	130	95	65	45	14	4-φ14	77
20	150	105	75	55	14	4-φ14	77
25	160	115	85	65	14	4-φ14	80
32	180	135	100	78	16	4-φ18	85
40	200	145	110	85	16	4-φ18	95
50	230	160	125	100	16	4-φ18	105
65	290	180	145	120	18	4-φ18	120
80	310	195	160	135	20	8-φ18	130
100	350	215	180	155	20	8-φ18	140
125	400	245	210	185	22	8-φ18	155
150	480	280	240	210	24	8-φ23	180
200	600	335	295	265	26	12-φ23	215
250	730	405	355	320	30	12-φ25	260
300	850	460	410	375	34	12-φ25	315
H41H-25C H41W-25C H41W-25P H41W-25R H41W-25I							
15	130	95	65	45	16	4-φ14	100
20	150	105	75	55	16	4-φ14	105
25	160	115	85	65	16	4-φ14	120
32	180	135	100	78	18	4-φ18	130
40	200	145	110	85	18	4-φ18	135
50	230	160	125	100	20	4-φ18	149
65	290	180	145	120	22	8-φ18	160
80	310	195	160	135	22	8-φ18	169
100	350	230	190	160	24	8-φ23	194
125	400	270	220	180	28	8-φ25	222
150	480	300	250	218	30	8-φ25	255
200	600	360	310	278	34	12-φ25	305
250	730	425	370	332	36	12-φ30	355
300	850	485	430	390	40	16-φ30	410

疏水阀 Trap Valves

全国免费热线：4001-899-439



产品执行标准 Production enforce standard

产品规范 Product Specification	设计规范 Design Spec JB/T 9093	结构长度 Face to Face GB/T 12250	连接法兰 Flange End GB/T 9113	试验与检验 Test & Check GJB/T 12251	产品标识 Marking GB/T 12249	供货规范 Supply Spec JB/T 7928
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产品性能规范 Chief property and specification

型号 Type	公称压力 Nominal pressure PN(MPa)	壳体试验压力 Shell test pressure Ps(MPa)	最高工作压力 Max works pressure PMO(MPa)	最高工作温度 Max works temperature TMO(℃)	最高允许温度 Max vouchsatement temperature TMO(℃)	漏气率 Leakage rate(%)	最高背压率 Max stress rate(%)	适用介质 Applicable medium
CS41H-16 S41H-16 CS41H-16C S41H-16C	1.6	2.4	1.6	203	220 425	<0.5 <0.5	>80 >80	蒸气、凝结水 蒸气、凝结水
CS41H-40 S41H-40	4.0	6.0	4.0	250	425	<0.5	>80	蒸气、凝结水

主要零件材料 Material for main parts

零件名称 Name of parts	阀体、阀盖 Body、bonnet	阀体、球、过滤网 Seat,Ball,percolator
CS41H-16、S41H-16	灰铸铁 Gray cast iron	不锈钢 Stainless steel
CS41H-16C、S41H-16C CS41H-16、S41H-16	碳素铸钢 Carbon casting steel	不锈钢 Stainless steel

主要外形和连接尺寸 Main External and Connection Dimension 单位 Unit:mm

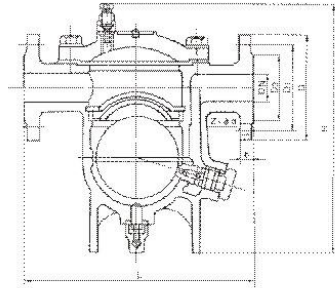
公称通径DN(mm) Nominal Diameter	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions						
	D	D1	D2	b	Z-φd	H	
CS41H-16C CS41H-25C CS41H-40C CS41H-16C-D CS41H-25-D CS41H-40-D CS41H-16C-E CS41H-25-E CS41H-40-E CS41H-16C-F CS41H-2							
15	195	95	65	45	14	4-φ14	195
20	195	105	75	55	14	4-φ14	200
25	215	115	85	65	14	4-φ14	225
25	270	115	85	65	14	4-φ14	245
32	270	135	100	78	16	4-φ18	250
40	280	145	110	85	16	4-φ18	290
40	280	145	110	85	16	4-φ18	290
50	410	160	125	100	16	4-φ18	380
65	410	180	145	120	18	4-φ18	380
50	430	165	125	102	20	4-φ18	467
65	430	185	145	122	20	4-φ18	475
80	460	200	160	132	22	8-φ18	492



自由浮球式蒸汽疏水阀 Ball Float Steam Trap

全国免费热线：4001-899-439

CS11/41H-16~40C/E/D/F



产品概述 Product overview

自由浮球式蒸汽疏水阀是国内外近年来最先进的蒸汽疏水阀之一，产品技术质量和制造工艺达到国际上同类产品的水平，能将蒸汽管道网及供热设备中的凝结水及时排出，并组织蒸汽泄漏，该产品广泛用于石油、化工、轻纺、印染、制药、造纸、食品等工矿企业。

Free floating ball type steam trap is both at home and abroad in recent years, one of the most advanced steam trap, the quality of product technology and manufacturing technology reached the international level of similar products, take water from the steam tubes and heating equipment in time, and organize the steam leak, the products are widely used in petroleum, chemical, textile, printing and dyeing, pharmaceutical, paper making, food and other industrial and mining enterprises.

产品特点 Product features

- 1、能连续排水性能稳定，排水量大，漏气率小，背压率高。
 - 2、不锈钢空心自由浮球是阀门唯一的主要部件，采用不锈钢高精度研磨的圆浮球，
 - 3、内部零件，均为不锈钢，抗腐蚀、耐磨损、使用寿命长。
- 1, can continuous drainage performance stability, large displacement, leak rate is small, high back pressure rate.
- 2, free stainless steel hollow float ball valve is the only major parts, stainless steel precision lapping round floating ball,
- 3, the internal parts, all are stainless steel, corrosion resistance, wear resistance, long service life.

主要外形和连接尺寸 Main External and Connection Dimension

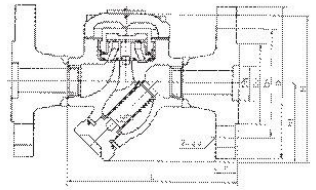
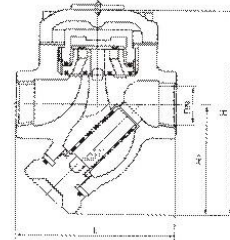
单位 Unit:mm

公称通径DN(mm) Nominal Diameter	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions			
	L	G	H	H ₁
CS11H-16C-C CS11H-25-C CS11H-40-C CS11H-16C-D CS11H-25-D CS11H-40-D				
15	170	1/2"	176	120
20	170	3/4"	176	120
25	170	1"	176	120
25	230	1"	215	158
32	230	1 1/4"	217	162
40	230	1 1/2"	221	166

圆盘式疏水阀 Disc Trap Valve

全国免费热线：4001-899-439

CS19/49H-16~40C/E/D/F



产品概述 Product overview

热动力圆盘式蒸汽疏水阀是利用热动力学特性，当凝结水排水较低时会发生第二次蒸发，并在粘度、密封等方面与蒸汽方面存在差异驱动启闭件。带蒸汽或空气保温装置，不受环境温度影响，减少动作频率，延长寿命。备有过滤器和排污。该阀动作灵敏可靠，排水量大。

Thermodynamic disc type steam trap is the use of thermal dynamics, the second time happens when low condensate drainage evaporation, and in terms of viscosity, sealing and differences of steam drive opening and closing. With steam or air insulation device, not influenced by environmental temperature, reduce the operating frequency, prolong life. Equipped with filters and drainage. A sensitive and reliable valve action which large displacement.

产品特点 Product features

- 1、体积小，重量轻，不受安装位置的限制；
 - 2、全部材质均为不锈钢件，经久耐用，耐腐蚀；
 - 3、在室外不怕冷冻，能耐水击，耐过热；
 - 4、过冷度为 8℃，漏汽率小于实际排量 3%，最大背压 50%；
 - 5、结构简单，安装维修方便。
- 1, small volume, light weight, not limited by the installation location;
- 2, all material are stainless steel pieces, durable, corrosion resistance;
- 3, in the outdoor is not afraid of freezing, water hammer, resistance to overheating;
- 4, super-cooling degree is 8℃, steam leakage rate is 3% less than the actual displacement, maximum back pressure 50%;
- 5, simple structure, easy installation and maintenance.

主要性能及零部件 Main performance and parts

主要零件 Main Part	阀体Body	阀盖Bonnet	阀片Picture	阀帽 Valve cap
材料Material	铸钢 Cast steel	铸钢 Cast steel	不锈钢Stainless Steel	不锈钢Stainless Steel



圆盘式疏水阀 Disc Trap Valve

全国免费热线：4001-899-439

CS19/49H-16~40C/E/D/F



主要外形和连接尺寸 Main External and Connection Dimension

单位 Unit:mm

公称口径DN(mm) Nominal Diameter	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions			
	L	Rc	H	H ₁
CS19H-16C CS19H-25 CS19H-40				
15	85	1/2"	105	45
20	85	3/4"	105	45
25	95	1"	110	50
32	110	1 1/4"	115	50
40	120	1 1/2"	125	55
50	130	2"	135	55

主要外形和连接尺寸 Main External and Connection Dimension

单位 Unit:mm

公称口径DN(mm) Nominal Diameter	主要外形尺寸和连接尺寸 (mm) Main external and connecting dimensions							
	L	D	D ₁	D ₂	b	Z-φd	H	H ₁
CS49H-16C CS49H-25 CS49H-40								
15	150	95	65	45	14	4- 14	105	53
20	150	105	75	55	14	4- 14	105	53
25	160	115	85	65	14	4- 14	110	58
32	230	135	100	78	16	4- 18	110	58
40	230	150	110	85	16	4- 18	125	65
50	230	165	125	100	16	4- 18	135	70

美标锻钢截止阀系列 API Forged Steel Globe Valve Series

全国免费热线：4001-899-439



J11H/W、J41H/W、J61H/W、J65H/W API 锻钢截止阀 J11H/W、J41H/W、J61H/W、J65H/W API Forged steel globe valve

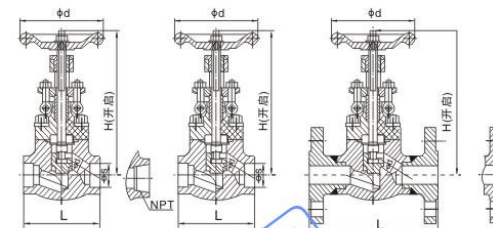
概述

本系列锻钢截止阀采用明杆支架式，阀体与阀盖连接有二种设计形式，一种是阀体与阀盖用螺栓连接，缠绕式垫片密封，优点是便于维修。另一种是阀体与阀盖全焊密封，优点是无外泄漏。

Overview

This series forged steel globe valve is in OS&Y design. There are two ways for the connection of body and bonnet. One is bolt connection between body and bonnet (B.B.), spiral gasket for seal, it is easy for repair. The other is full welding between body and bonnet (S.W.). Its advantage is no external leakage.

结构示意图(Structural Diagram)



设计与应用标准

- 1、设计与制造标准:API 602
- 2、连接法兰标准:ASME/ANSI B16.5
- 3、结构长度标准:ASME/ANSI B 16.10、ANSI B16.11、ANSI B 1.20
- 4、检验与试验标准:API 598

Design and Application Standard

- 1、design and manufacture standard: API 602
- 2、connecting flange standard: ASME/ANSI B16.5
- 3、end to end standard: ASME/ANSI B 16.10、ANSI B16.11、ANSI B 1.20
- 4、test and inspection standard: API 598

主要零件与材料(Main Parts and Materials)

零件名称Part	材料Material
阀体、阀盖Body, Bonnet	A216、A217、A351、A352
阀瓣 Disc	A182 F 304(L)、A276 420、A276 304(L)、A276 316(L)
阀杆 Stem	A182 F6、A182 F304、A182 F316、A182 F316L、A182 304L
阀杆螺母 Stem nut	ZCuAL10Fe3
手轮 Hand wheel	QT400-15
螺栓、螺母 Stud, nut	A193-B7、A193-B8M、A320-B8、45、35CrMo、304、316

主要技术参数(Main performance parameter)

公称压力 Normal pressure MPa	试验压力 (MPa) test pressure	气密封试验 压力 Air seal test pressure	工作温度℃ Working temp.	适用介质 Applicable medium
150	3.1	2.2	0.6	水、油品、 蒸汽 Water, Oil, Steam
300	7.8	5.6	0.6	
600	15.3	11.2	0.6	
900	23.1	16.8	0.6	
1500	38.4	28.1	0.6	

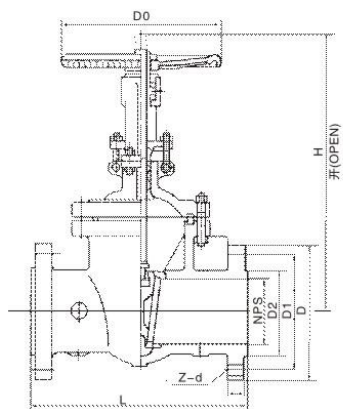
主要外形及安装尺寸(Main External Sizes and Installation size)

连接形式 Connection type	压力级 Pressure grade	规格Size		尺寸Size(mm)					NPT
		DN	NPS	L	d	S	H	D	
承插焊连接 和 螺纹连接 SW and NPT	Class150	15		79	9.5	21.8	158	100	
		20		92	12.7	27.1	192	100	
		25	1	111	17.5	33.8	252	125	1
		32	1	120	23.8	42.6	252	160	1
		40	1	152	28.6	48.7	289	180	1
	Class800	50	2	172	36.5	61.1	330	200	2
		15		111	9.5	21.8	207	100	
		20		111	12.7	27.1	207	100	
		25	1	130	17.5	33.8	240	125	1
		32	1	152	23.8	42.6	258	160	1
法兰连接 Flange end	Class900	40	1	172	28.6	48.7	290	180	1
		50	2	220	36.5	61.1	337	200	2
	Class1500	15		111	9.5	21.8	207	100	
		20		111	12.7	27.1	207	100	
		25	1	130	17.5	33.8	240	125	1
		32	1	152	23.8	42.6	258	160	1
		40	1	172	28.6	48.7	290	180	1
		50	2	220	36.5	61.1	337	200	2
	Class150	15		111	9.5	21.8	207	100	
		20		111	12.7	27.1	207	100	
		25	1	130	17.5	33.8	240	125	1
		32	1	152	23.8	42.6	258	160	1
		40	1	172	28.6	48.7	290	180	1



美标闸阀 API Gate Valves

全国免费热线：4001-899-439



产品执行标准Production enforce standard

设计与制造 Desing And Manufacture	结构长度 Face to face/ End to end	法兰尺寸 Flange Dimension	对焊连接尺寸 Butt welding dimension	压力~温度 Pressure Temperature Lating	试验~检验 Inspection and test
API60	ANSI B16.10	ANSI B16.5	ANSI B16.25	ANSI B16.34	API598

产品性能规范Chief property and specification

公称压力 (Lb) Nominal Pressore	强度试验Shell test		水密封试验Water seal test		气密封试验Air seal test	
	Mpa	Lbf/in ²	Mpa	Lbf/in ²	Mpa	Lbf/in ²
150	3.1	450	2.2	315	0.5~0.7	60~100
300	7.8	1125	5.6	815		
600	15.3	2225	11.2	1630		
900	23.1	3350	16.3	2440		
1500	38.4	5575	28.1	4080		
2500	64.6	9367	47.4	6873		

主要零件材料及性能 Main part materials and property

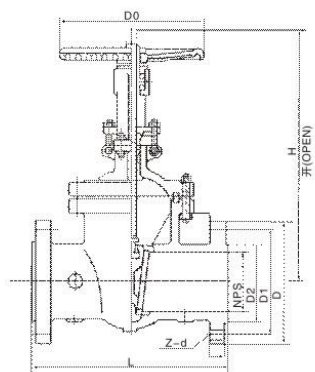
体、盖、瓣 Body Cover disc	阀杆 Stem	密封面 Sealing Face	垫片（环） Sealing shim	填料 Packing	工作温度（℃） Working temperature	适用介质 Suitable medium			
WCB	2Cr13	13Cr STL 本体材料 With bodymater rial PTFE 尼龙 Nylon	增强柔性石墨 13Cr/柔性石墨 Enhanced Flexible 1Cr13/Flexible graphite SFB-2 08软钢 08Soft steel F304 F316 F304L F316L	柔性石墨 增强柔性石墨 Flesible graphite enhanced flexible graphite SFB/260 SFP/260 PTFE	≤425	水、蒸气、油品 Water Steam Petroleum Products			
WC1	38CrMoAl 25Cr2Mov				≤450				
WC6					≤540				
WC9					≤570				
C5 C12					≤540				
CF8	F304				≤600				硝酸、醋酸、尿素 Nitric acid Aceic acid
CF3	F316								
CF8M	F304L								
CF3M	F316L								

美标闸阀 API Gate Valves

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Class-150Lb~600Lb



主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

磅级 Class	规格 in	通径 DN	单位 Unit	L	H(全开) OPEN	D	D1	D2	b	Z-Φd	D0
150Lb	2	50	in	7.00	16.10	6.00	4.75	3.62	0.75	4-0.75	8.00
			mm	178	409	152	120.5	92	19.1	4-19	200
	3	80	in	8.00	20.00	7.50	6.00	5.00	0.94	4-0.75	10.00
			mm	203	570	90	152.5	127	23.9	4-19	250
	4	100	in	9.00	23.20	9.00	7.50	6.19	0.94	8-0.75	10.00
			mm	229	590	229	190.5	157	23.9	8-19	250
	6	150	in	10.50	24.80	11.00	9.50	8.50	1.00	8-0.88	12.00
			mm	267	630	279	241.5	216	25.4	8-22	300
	8	200	in	11.50	37.80	13.50	11.75	10.62	1.212	8-0.88	3.88
			mm	292	960	343	298.5	270	28.5	8-22	350
	10	250	in	13.00	45.60	16.00	14.25	12.75	1.19	12-1.00	15.70
			mm	330	1158	406	362	324	30.2	12-25	400
	12	300	in	14.00	54.30	19.00	17.00	15.00	1.25	12-1.00	17.70
			mm	356	1378	483	432	381	31.8	12-25	450
	14	350	in	15.00	60.75	21.00	18.75	16.25	1.38	12-1.12	19.70
			mm	381	1543	533	476.5	413	35	12-29	50
	16	400	in	16.00	68.40	23.50	21.25	18.50	1.44	16-1.12	23.6
			mm	406	1738	597	539.5	470	36.6	16-29	600
	18	450	in	17.00	74.10	25.00	22.75	21.00	1.56	16-1.25	23.60
			mm	432	1959	635	578	533	39.7	16-32	600
	20	500	in	18.00	87.20	27.50	25.00	23.00	1.69	20-1.25	26.80
			mm	457	2214	698	635	584	42.9	20-32	680
	24	600	in	20.00	102.3	32.00	29.50	27.25	1.88	20-1.38	29.90
			mm	508	2599	813	749.5	692	47.7	20-35	760
	30	750	in	24.00	125.3	38.75	36.00	33.75	2.94	28-1.38	36.00
			mm	610	3183	985	914	857	74.5	28-35	915
	36	900	in	28.00	147.00	46.00	42.75	40.25	3.56	32-1.62	36.00
			mm	711	3737	1170	1086	1022	90.5	32.41	915



美标闸阀 API Gate Valves

全国免费热线：4001-899-439

Class-150Lb~600Lb

主要外形和连接尺寸Main External and Connection Dimension

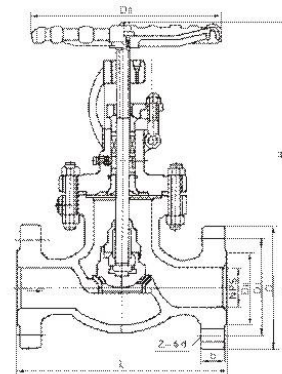
单位Unit:mm

磅级 Class	规格 in	通径 DN	单位 Unit	L	H(全开) OPEN	D	D1	D2	b	Z-Φd	D0
300Lb	2	50	in	8.50	16.70	6.5	5.00	3.62	0.88	8-0.75	8.0
			mm	216	424	165	127	92	22.3	8-19	200
	3	80	in	11.15	21.00	8.25	6.62	5.00	1.12	8-0.88	10
			mm	283	535	210	168	127	28.5	8-22	250
	4	100	in	12.00	24.20	10.0	7.88	6.19	1.25	8-0.88	10
			mm	305	615	254	200	157	31.8	8-22	250
	6	150	in	15.87	31.30	12.50	10.62	8.5	1.44	8-0.88	14
			mm	403	795	318	270	216	36.6	12-22	350
	8	200	in	16.50	39.90	15.0	13.0	10.62	1.62	12-1.0	15.7
			mm	419	1012	381	330	270	41.3	12-25	400
	10	250	in	18.00	48.540	17.50	15.25	12.75	1.88	16-1.12	17.7
			mm	457	1231	444	387.5	324	47.7	16-29	450
	12	300	in	19.75	57.0	20.50	17.75	15.00	2.00	16-1.25	19.7
			mm	502	1450	521	451	381	50.8	16-32	500
	14	350	in	30.00	64.8	23.00	20.25	16.25	2.12	20-1.25	23.6
			mm	762	1645	584	514.5	413	54.0	20-32	600

磅级 Class	规格 in	通径 DN	单位 Unit	L	H(全开) OPEN	D	D1	D2	b	Z-Φd	D0
600Lb	2	50	in	11.50	18	6.5	5.00	3.62	1.0	8-0.75	10
			mm	292	458	165	127	92	25.4	8-19	250
	3	80	in	14.00	22.50	8.25	6.62	5.00	1.25	8-0.88	10
			mm	356	570	210	168	127	31.8	8-22	250
	4	100	in	17.00	27.2	10.75	8.50	6.19	1.5	8-1.0	14
			mm	432	690	273	216	157	38.1	8-25	350
	6	150	in	22	35.8	14	11.50	8.50	1.88	12-1.12	18
			mm	559	910	356	292	216	47.7	12-29	450
	8	200	in	26.00	41.9	16.5	13.75	10.62	2.19	12-1.25	19.7
			mm	600	1064	419	349	270	55.6	12-32	500
	10	250	in	31.00	49.5	20	17.00	12.75	2.5	16-1.38	23.6
			mm	787	1257	508	432	324	63.5	16-35	600
	12	300	in	33	57.8	22	19.25	15.00	2.62	20-1.38	26.8
			mm	838	1468	559	489	381	66.7	20-35	680
	14	350	in	35	63.9	23.75	20.75	16.25	2.75	20-1.50	26.9
			mm	889	1623	603	527	413	69.9	20-38	760
	16	400	in	39	71.5	27	23.75	18.50	3.0	20-1.62	26.9
			mm	991	1816	686	603	470	76.2	20-41	760
	18	450	in	43	82.7	29.25	25.75	21.00	3.25	20-10.75	36
			mm	1092	21.00	743	654	533	82.6	20-45	91.5
	20	500	in	47	88.6	32	28.5	23.00	3.5	24-1.75	37.4
			mm	1194	2250	813	724	584	88.9	24-45	950
	24	600	in	55	107.5	37	33.0	27.25	4.0	24-2.0	39.4
			mm	1397	2730	940	838	692	102	24-51	1000

美标截止阀 API Globe Valves

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产品执行标准 Production enforce standard

设计与制造 Desing And Manufacture	结构长度 Face to face/ End to end	法兰尺寸 Flang Dimension	对焊连接尺寸 Butt welding dimension	压力~温度 Pressure Temperature Lating	试验~检验 Inspection and test
ANSI B16.34、BS1873	ANSI B16.10	ANSI B16.5	ANSI B16.25	ANSI B16.34	API 598

产品性能规范 Chief property and specification

公称压力(Lb) Nominal Pressore	强度试验Shell test		水密封试验Waetr seal test		气密封试验Air seal test	
	Mpa		Mpa		Mpa	
150	3.1	450	2.2	315	0.5~0.7	60~100
300	7.8	1125	5.6	815		
600	15.3	2225	11.2	1630		
900	23.1	3350	16.8	2440		
1500	38.4	5575	28.1	4080		
2500	64.6	9367	47.4	6873		

主要零件材料 Material for main parts

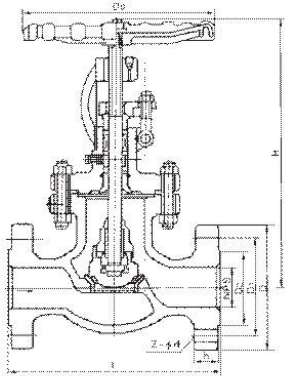
体、盖、瓣 Body Cover disc	阀杆 Stem	密封面 Sealing Face	垫片(环) Sealing shim	填料 Packing	工作温度(℃) Working temperature	适用介质 Suitable medium
WCB	2Cr13	13Cr STL 本体材料 With bodymater rial PTFE 尼龙 Nylon	增强柔性石墨 13Cr/柔性石墨 Enhanced Flexible 1Cr13/Flexible graphite SFB-2 08软纲 08Soft steel	柔性石墨 增强柔性石墨 Flesible graphite enhanced flexible graphite SFB/260 SFP/260 PTFE	≤425	水、蒸气、油品 Water Steam Petroleum Products
WC1	38CrMoAl 25Cr2Mov				≤450	
WC6					≤540	
WC9					≤570	
C5 C12					≤540	
CF8	F304		F304 F316 F304L F316L	≤600	硝酸、醋酸、尿素 Nitric acid Aceic acid	
CF3	F316					
CF8M	F304L					
CF3M	F316L					



美标截止阀 API Globe Valves

全国免费热线：4001-899-439

Class-150Lb



主要外形和连接尺寸Main External and Connection Dimension

磅级 Class	规格 Size		L	D	t	G	C	n-Φd	W	H
150LB	1/2"	mm	108	98	12	35	60.5	4-15	125	169
		in	4.25	3.5	0.47	1.38	2.38	4-0.59	4.92	6.65
	3/4"	mm	117	98	12	43	70	4-15	125	180
		in	4.61	3.86	0.47	1.69	2.76	4-0.59	4.92	7.08
	1"	mm	127	108	12	51	79.5	4-15	125	190
		in	5	4.25	0.47	2	3.13	4-0.59	4.92	7.48
	1 1/2"	mm	165	127	14.3	73	98.5	4-16	180	347
		in	6.5	5	0.56	2.87	3.88	4-0.62	7.09	13.66
	2"	mm	203	152	15.9	92	120.5	4-19	180	356
		in	8.00	6.00	0.625	3.62	4.75	4-0.75	7.09	14
	2 1/2"	mm	214	178	17.5	105	139.5	4-19	240	381
		in	8.5	7	0.69	4.12	5.50	4-0.75	9.45	15.00
	3"	mm	241	190	19.1	127	152.4	4-19	280	13
		in	9.5	7.50	0.75	5	6	4-0.75	11.02	16.25
	4"	mm	292	229	24	157	190.5	8-19	280	500
		in	11.50	9.00	0.94	6.19	7.5	8-0.75	11.02	19.68
	6"	mm	406	279	25.4	216	241.5	8-22	360	656
		in	16	11.0	1.00	8.5	9.50	8-0.88	14.17	22.25
	8"	mm	495	343	29	270	298.5	8-22	450	660
		in	19.5	13.5	1.12	10.62	11.75	8-0.88	17.75	26.00

美标波纹管截止阀 Ansi Bellows Seal Globe Valve

全国免费热线：4001-899-439



PRODUCT STRUCTURAL FEATURES 产品结构特点:

Stop valve With bellow seal acc. to ANSI is applicable to the cutting and connection of pipelines medium that are used in various industries such as petroleum, chemical industry, pharmacy, chemical fertilizer, electric power industry etc under nominal pressure of CLASS150 ~900LBS and working temperature of -29℃~350℃

美标波纹管截止阀适用于公称压力CLASS150~900LBS, 工作温度-29℃~350℃的石油、化工、制药、化肥、电力行业等各种工况的管路上, 切断或接通管路介质。

MAIN STRUCTURAL FEATURES 其主要结构特点:

- 1.This product has logical structure, reliable seal, excellent performance and nice design.
- 2.The seal surface is build-up welding with Co hard alloy, which is attrition-resistant, corrosion resistant, has good friction resistant and long life.
- 3.The stem quenched and tempered, and its surface is treated by nitrogen treatment, thus it has good corrosion resistant and friction resistant.
- 4.It has double seal capability, thus is more reliable.
- 5.The stem may show the position of lift, thus it is clearer.
- 6.The part material, flange and butt weld and dimension may be selected according to current operating condition and Users' requirement, so that meeting the requirements of various engineering.

- 1、产品结构合理、密封可靠、性能优良、造型美观;
- 2、密封面堆焊Co基硬质合金、耐磨、耐腐蚀、抗摩擦性能好、使用寿命长;
- 3、阀杆调质及表面氮化处理, 有良好的抗腐和抗摩擦性能;
- 4、双重密封, 性能更可靠;
- 5、阀杆升降位置指示, 更直观;
- 6、零件材质, 法兰和对焊端尺寸可根据实际工况或用户要求合理选配, 满足各种工程需要。

TECHNICAL SPECIFICATION 技术规范:

结构形式Structural formation	BB-BG-OS&Y
驱动方式Driving maner	手动 Manual
	电动 Electric-actuated
设计标准Design standard	API 6D, API 600
结构长度Face to face	ASME B16.10
连接法兰Flange ends	ASME B16.5
试验和检验Test&inspection	API598

PRODUCTS PERFORMANCE SPECIFICATION 产品性能规范:

公称压力(PN) Nominal pressure	壳体试验压力 (MPa) Shell test	密封试验压力 (MPa) Sealing test	适用温度(℃) Suitable temp	使用介质 Suitable medium
150	3.0	2.2	≤350℃	水、蒸汽、 油品等 Water oil & gas
300	7.5	5.5		
600	15.0	11.0		
900	22.5	16.5		

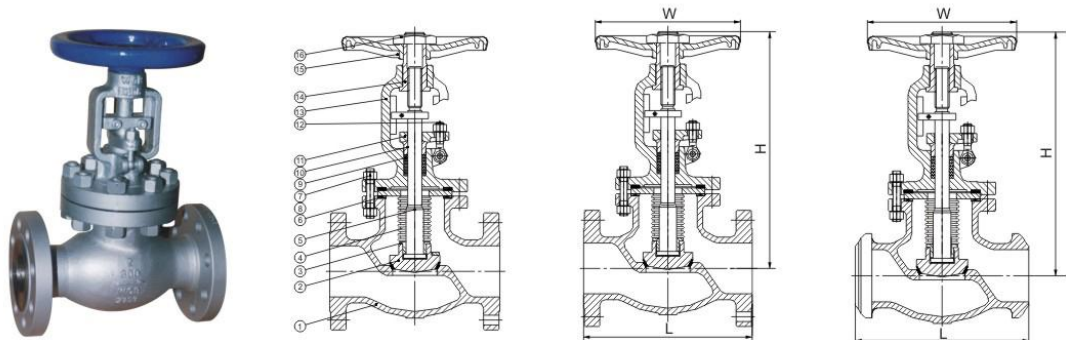
MAIN PARTS MATERIALS 主要零部件材质:

序号NO.	名称 Part name	材质 Material
1	阀体 Body	A216 WCB WC1、WC6、WC9、C5、A351 CF8、CF8M、CF3、CF3M
2	阀瓣 Disc	25、1Cr13、2Cr131Cr18Ni9Ti、0Cr18Ni12Mo2Ti、20Cr1Mo1V、25Cr2MoV
3	阀瓣并帽 (Disc and Cap)	25、1Cr13、2Cr131Cr18Ni9Ti、0Cr18Ni12Mo2Ti、20Cr1Mo1V、25Cr2MoV
4	波纹管组件 (Bellow assemble)	1Cr18Ni9Ti、304、316、304L、316L
5	阀杆 Stem	A182 F6 SS304、SS316、SS316L、1Cr18Ni9Ti
6	垫片 Gasket	柔性石墨+不锈钢Flexible graphite+stainless steel、PTFE
7	螺栓 (Bonnel Bolt)	ASTMA193-B7、A320-B8、A193-B8M
8	螺母 (Bonnel Nut)	ASTMA194-2H、A194-8、A194-8M
9	填料 (Stem packing)	柔性石墨Flexible graphite、PTFE
10	填料压盖 (Packing Gland)	A216 WCB WC1、WC6、WC9、C5、A351 CF8、CF8M、CF3、CF3M
11	填料压板 (Gland Hange)	A216 WCB WC1、WC6、WC9、C5、A351 CF8、CF8M、CF3、CF3M
12	活节螺栓 (Gland Eyeball)	ASTMA193-B7、A320-B8、A193-B8M
13	阀盖 (Bonnel)	A216 WCB WC1、WC6、WC9、C5、A351 CF8、CF8M、CF3、CF3M
14	阀杆螺母 (Stem Nut)	铜合金ZQA19-4
15	手轮 (Handwheel)	WCB、QT400-18
16	锁紧螺母 (H, W, Lock Nut)	35号钢



美标波纹管截止阀 Ansi Bellows Seal Globe Valve

全国免费热线：4001-899-439



压力等级 Pressure		WJ41H-150LB														
口径Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in			1	1	1	2	2	3	4	5	6	8	10	12	14
L		108	117	127	140	165	178	190	203	229	254	267	292	330	356	381
H		241	241	241	280	286	368	387	400	457	520	609	698	762	876	990
W		120	140	140	180	200	220	260	280	300	320	340	400	450	450	450
重量 (kg) Weight		4	5	6	10	13	18	30	35	55	75	104	200	300	390	610

压力等级 Pressure		WJ41H-300LB														
口径Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in			1	1	1	2	2	3	4	5	6	8	10	12	14
L		140	152	165	178	190	216	241	263	305	381	403	419	457	502	762
H		241	241	283	320	322	399	438	450	584	610	660	762	850	1085	1187
W		120	140	140	180	200	220	260	280	300	320	340	400	450	450	450
重量 (kg) Weight		6	7	10	15	20	25	30	52	88	115	160	259	420	595	876

压力等级 Pressure		WJ41H-600LB														
口径Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in			1	1	1	2	2	3	4	5	6	8	10	12	14
L		165	190	216	229	241	292	330	356	432	508	559	660	787	838	889
H		240	280	320	320	390	430	480	508	635	750	914	1016	1219	1330	1560
W		140	140	160	160	180	180	250	250	350	400	450	500	600	720	760
重量 (kg) Weight		7	10	16	32	29	35	50	90	150	230	300	510	850	1120	1400

压力等级 Pressure		WJ41H-900LB														
口径Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in			1	1	1	2	2	3	4	5	6	8	10	12	14
L		229	229	254	279	305	368	419	381	457	559	610	737	838	965	1029
H		280	330	350	430	508	569	430	635	774	860	1040	1330	1560	1650	1780
W		160	160	180	180	250	250	320	350	450	550	600	720	760	820	890
重量 (kg) Weight		10	16	23	37	49	65	75	120	200	350	410	790	1300	1500	1800

美标止回阀系列 API Check Valve Series

全国免费热线：4001-899-439



产品概述

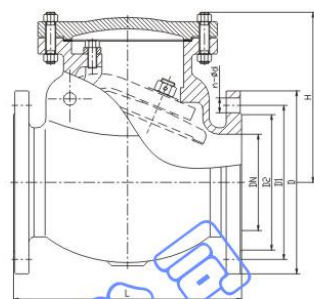
1. 产品的设计制造符合美国国家标准ANSI B16.34, 美国石油协会标准API 6D要求。
2. 阀瓣为旋启式, 流道直通, 水平管道、垂直管道均可安装。
3. 摇杆销轴采用内装式结构, 减小了外泄漏缺点。
4. 阀体阀盖为螺栓连接, 高压情况下压力等级大于600Lb, 中法兰采用内压自密封结构, 使得产品体积重量轻, 密封可靠。



Overview

1. design & manufacture conforms to American national standard ANSI B16.34 and American Petroleum Institute API 6D.
2. disc is swing type. Flow passage is straight through type. Can be installed in horizontal and vertical pipe.
3. arm pin shaft is built-in structure to reduce leakage.
4. bolt bonnet. In status of high pressure, pressure class is over 600lb. Mid-flange adopts internal pressure self-sealing structure so to effect light weight and reliable seal.

结构示意图(Structural Diagram)



采用标准(standards)

设计与制造 Design & manufacture	结构长度 Structure length	法兰尺寸 Flange size	对焊连接尺寸 Butt welding connection size	压力温度等级 Pressure-temp. Rate	试验与检验 Test & inspection
API 600	ANSI B16.10	ANSI B16.5	ANSI B16.25	ANSI B16.34	API 598

压力试验规范(pressure test)

公称压力 (磅级) Nominal pressure (lb)	强度试验 Strength test		密封试验 Seal test		气密封试验 Air seal test	
	Mpa	Lbf/in ²	Mpa	Lbf/in ²	Mpa	Lbf/in ²
150	3.1	450	2.2	315	0.5 ~ 0.7	60 ~ 100
300	7.8	1125	5.6	815		
600	15.3	2225	11.2	1630		
900	23.1	3350	16.8	2440		
1500	38.4	5575	28.1	4080		

主要零件材料及性能规范(main parts and performance)

零件名称Parts		材料 Material				
阀体Body 阀盖Bonnet 闸板Wedge 摇杆Arm	阀体Body	ASTM A216 WCB		ASTM A315 CF8	ASTM A315 CF8M	ASTM A315 CF3
	阀盖Bonnet	ASTM A216 WCB		ASTM A315 CF8	ASTM A315 CF8M	ASTM A315 CF3
	闸板Wedge	ASTM A216 WCB		ASTM A315 CF8	ASTM A315 CF8M	ASTM A315 CF3
	摇杆Arm	ASTM A216 WCB		ASTM A315 CF8	ASTM A315 CF8M	ASTM A315 CF3
阀杆Stem	阀杆Stem	1Cr13 F6a	0Cr18Ni9 304	0Cr17Ni12Mo2 316	00Cr19Ni10 304L	00Cr17Ni14Mo2 316L
	闸板密封面Sealing face of wedge	13Cr	13Cr	STL	本体Body 本体Body STL 本体Body STL STL	
阀座密封面Sealing face of seat	阀座密封面Sealing face of seat	13Cr	STL	STL	本体Body 本体Body STL 本体Body STL STL	
	防松销Locking pin	0Cr18Ni9 304		0Cr17Ni12Mo2 316	00Cr19Ni10 304L	00Cr17Ni14Mo2 316L
垫片Gasket	垫片Gasket	柔性石墨复合垫(芯板:碳钢或不锈钢) 不锈钢带/柔性石墨缠绕垫Flexible graphite composite gasket (drying plate: carbon steel or stainless steel) ss band flexible graphite wound gasket				
	中法兰螺栓Mid-flange bolt	35CrMo ASTM A193 B7		0Cr18Ni9	ASTM A193 B8	
中法兰螺母Mid-flange nut	中法兰螺母Mid-flange nut	45 ASTM A194 2H		0Cr18Ni9	ASTM A194 8	
	适用工况 Applicable working status	适用介质 Applicable medium	水、蒸汽、油品等 W.O.G	硝酸等腐蚀介质 Corrosive medium, like nitric acid	醋酸等腐蚀介质 Corrosive medium, like acetic acid	强氧化性介质 strongly oxidizing medium
适用温度 Applicable temp.	适用温度 Applicable temp.	-29 ~ 425		-40 ~ 200 (超出该温度范围请在定货时注明)		
	适用温度 Applicable temp.	-29 ~ 425		-40 ~ 200 (pls mark in the order when the temperature is out of this range)		



美标止回阀系列
API Check Valve Series

全国免费热线：4001-899-439

H44型主要连接与外形尺寸重量(H44 Main Conneting & appearance size and weight)

磅级 (Class)	公称通径(DN) Nominal Diameter		主要连接尺寸 Main Conneting Size				外形尺寸External dimension		重量Kg Weight
	in	mm	L	D	D1	D2	n-Φd	H	
150Lb	2	50	203	152	120.5	92	4-19	165	17
	2 1/2	65	216	178	139.5	105	4-19	175	25
	3	80	241	190	152.5	127	4-19	190	29
	4	100	292	229	190.5	157	8-19	215	50
	5	125	330	254	216	186	8-22	245	75
	6	150	356	279	241.5	216	8-22	265	85
	8	200	495	343	298.5	270	8-22	320	150
	10	250	622	406	362	324	12-25	365	240
	12	300	698	483	432	381	12-25	415	350
	14	350	787	533	476	413	12-29	460	460
	16	400	864	597	540	470	16-29	495	580
	20	500	978	699	635	584	20-32	590	810
300Lb	24	600	1295	813	749.5	692	20-35	650	1140
	28	700	1448	927	863.5	800	28-35	/	/
	2	50	267	165	127	92	8-19	190	28
	2 1/2	65	292	190	149	105	8-22	205	33
	3	80	318	210	168.5	127	8-22	220	45
	4	100	356	254	200	157	8-22	245	70
	5	125	400	279	235	186	8-22	275	110
	6	150	444	318	270	216	12-22	295	150
	8	200	533	381	330	270	12-25	330	230
	10	250	622	445	387.5	324	16-29	420	390
	12	300	711	521	451	381	16-32	480	520
	14	350	838	584	514.5	413	20-32	535	710
600Lb	16	400	864	648	571.5	470	20-35	585	890
	20	500	1016	775	686	584	24-35	685	1360
	24	600	1364	914	813	692	24-41	785	2040
	2	50	292	165	127	92	8-19	210	32
	2 1/2	65	330	190	149	105	8-22	230	42
	3	80	356	210	168	127	8-22	255	60
	4	100	432	273	216	157	8-25	295	95
	5	125	508	330	226.5	186	8-29	310	120
	6	150	599	356	292	216	12-29	365	220
	8	200	660	419	349	270	12-32	420	390
	10	250	787	508	432	324	16-35	505	630
	12	300	838	559	489	381	20-35	545	870
	14	350	889	603	527	412	20-38	600	940
	16	400	991	686	603	470	20-41	650	1100

注 1.如法兰密封面采用凸面以外的形式,请在订货时注明; 2.压力900、1500Lb尚有生产。
note: pls notify in the contract if the seal surface of flange is in other type rather than RF. 2. class 900lb,1500lb,2500lb is available

德标波纹管截止阀
Din Bellows Seal Globe Valve

全国免费热线：4001-899-439



PRODUCT STRUCTURAL FEATURES / 产品结构特点

Stop valve bellow seal acc. to DIN is applicable to the cutting and connection of pipelines medium that are used in various industries such as petroleum, chemical industry, pharmacy, chemical fertilizer, electric power industry etc under nominal pressire of PN1.6MPa and working temperature of -29℃~350℃

德标波纹管截止阀适用于公称压力PN1.6~16MPa, 工作温度-29℃~350℃的石油、化工、制药、化肥、电力行业等各种工况的管路上, 切断或接通管路介质。

MAIN STRUCTURAL FEATURES / 其主要结构特点

- 1.This product has logical structure, reliable seal, excellent performance and nice design.
- 2.The seal surface is build-up welding with Co hard alloy, which is attrition-resistant,corrosionresistant,has good friction resistant and long life.
- 3.The stem quenched and tempered, and its surface is treated by nitrogen treatment, thus it has good corrosion resistant and friction resistant.
- 4.It has double seal capability, thus is more reliable.
- 5.The stem may show the position of lift, thus it is clearer.
- 6.The part material, flange and butt weld and dimension may be selected according to current operating condition and Users' requirement, so that meeting the requirements of various engineering.

- 1、产品结构合理、密封可靠、性能优良、造型美观;
- 2、密封面堆焊Co基硬质合金、耐磨、耐腐、抗摩擦性能好、使用寿命长;
- 3、阀杆调质及表面氮化处理, 有良好的抗腐和抗摩擦性能;
- 4、双重密封, 性能更可靠;
- 5、阀杆升降位置指示, 更直观;
- 6、零件材质, 法兰和对焊端尺寸可根据实际工况或用户要求合理选配, 满足各种工程需要。

TECHNICAL SPECIFICATION / 技术规范

结构形式Structural formation	BB-BG-OS&Y
驱动方式Driving maner	手动 Manual
	电动Electric-actuated
设计标准Design standard	DIN3356
结构长度Face to face	DIN3202
连接法兰Flange ends	DIN2543-2545
试验和检验Test&inspection	DIN3230

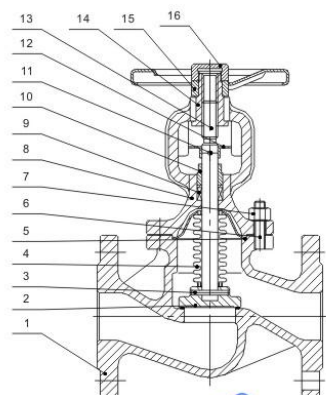
PRODUCTS PERFORMANCE SPECIFICATION 产品性能规范:

公称压力 (PN) Nominal pressure	壳体试验压力 (MPa) Shell test	密封试验压力 (MPa) Sealing test	适用温度 (℃) Suitable temp	使用介质 Suitable medium
1.6	2.4	1.76	≤350℃	水、蒸汽、油品、导热油等 Water, Steam, oil & gas
2.5	3.75	2.75		
4.0	6.0	4.4		
6.4	9.6	7.04		



德标波纹管截止阀
Din Bellows Seal Globe Valve

全国免费热线：4001-899-439

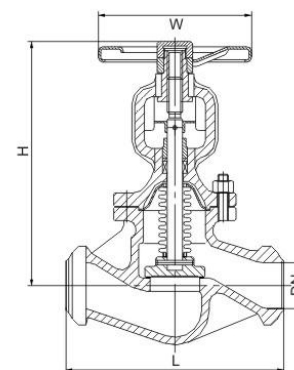
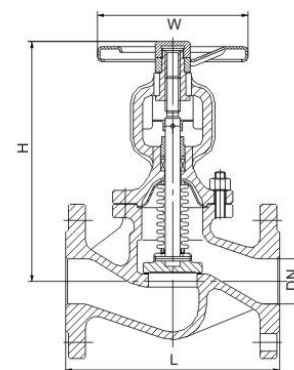


MAIN PARTS MATERIALS主要零部件材质:

序号NO.	名称 Part name	材质 Material
1	阀体 (Body)	GS-C25 1.7363 1.4308, 1.4408, 1.4306, 1.4301
2	阀瓣 (Disc)	ASTMA182-Gr.F6a ASTMA182-F22 ASTMA182-F304, F316, F321, F304L, F316L
3	销 (Pin)	ASTMA182-F304, F316, F312, F304L, F316L
4	波纹管组件 (Bellow assemble)	ASTMA182-F304, F316, F312, F304L, F316L
5	垫片 (Gasket)	柔性石墨+不锈钢Flexible graphite+stainless steel, PTFE
6	双头螺栓 (Bolt)	ASTMA193-B7, A320-B8, A193-B8M
7	六角螺母 (Nut)	ASTMA194-2H, A194-8, A194-8M
8	阀盖 (Cover)	GS-C25 1.7363 1.4308, 1.4408, 1.4306, 1.4301
9	填料 (Packing)	柔性石墨Flexible graphite, PTFE
10	填料压盖 (Packing Gland)	GS-C25 1.7363 1.4308, 1.4408, 1.4306, 1.4301
11	销 (Pin)	ASTMA182-F304, F316, F312, F304L, F316L
12	导向片 (Guide Blade)	GS-C25 1.7363 1.4308, 1.4408, 1.4306, 1.4301
13	阀杆 (Stem)	ASTMA182-Gr.F6a, ASTMA182-F22 ASTMA182-F304, F316, F312, F304L, F316L
14	阀杆螺母 (Yoke nut)	铜合金ZQA19-4
15	手轮 (Hand wheel)	WCB, QT400-18
16	锁紧螺母 (H, W, Lock Nut)	35号钢

德标波纹管截止阀
Din Bellows Seal Globe Valve

全国免费热线：4001-899-439



WJ41H-16

压力等级 Pressure	PN16														
口径Size	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
L	130	150	160	180	200	230	290	310	350	400	480	600	730	850	980
H	195	200	220	225	235	250	260	265	370	400	515	550	600	630	680
W	120	120	140	140	160	160	180	180	200	250	350	400	500	550	600
重量 (kg) Weight	4	4.5	5	7	9	12.5	18	23	41	54	90	160	260	410	610

WJ41H-25

压力等级 Pressure	PN25														
口径Size	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
L	130	150	160	180	200	230	290	310	350	400	480	600	730	850	980
H	195	200	220	225	235	250	260	265	370	400	515	550	600	630	680
W	120	120	140	140	160	160	180	180	200	250	350	400	500	550	600
重量 (kg) Weight	4	4.5	5	7.5	9.5	13	19	24	43	57	95	168	200	510	680

WJ41H-40

压力等级 Pressure	PN40														
口径Size	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
L	130	150	160	180	200	230	290	310	350	400	480	600	730	850	980
H	195	200	220	225	235	250	260	265	370	400	515	550	600	630	680
W	120	120	140	140	160	160	180	180	200	250	350	400	500	550	600
重量 (kg) Weight	4	4.5	5	8	10	13.5	20	25	45	60	98	171	340	580	780



衬氟阀门系列 Fluorine Lined Valve Series

全国免费热线：4001-899-439



直流式截止阀 Straight Flow Globe Valve

产品型号: J45J/FS
Product Model
公称口径: DN25~350mm
Nominal Diameter
公称压力: PN0.6~1.0MPa
Nominal Pressure
适用温度: 85~150℃
Suitable Temperature
主要材质: 铸铁、碳钢、不锈钢等
Main Material Cast iron, Carbon steel, Stainless steel, etc



衬氟闸阀 Fluorine Lined Gate Valve

产品型号: Z41FS
Product Model
公称口径: DN15~500mm
Nominal Diameter
公称压力: PN0.6~1.0MPa
Nominal Pressure
适用温度: ≤150℃
Suitable Temperature
主要材质: 碳钢、不锈钢等
Main Material Carbon steel, Stainless steel, etc



衬氟截止阀 Fluorine Lined Globe Valve

产品型号: J41FS
Product Model
公称口径: DN15~350mm
Nominal Diameter
公称压力: PN0.6~1.0MPa
Nominal Pressure
适用温度: ≤150℃
Suitable Temperature
主要材质: 碳钢、不锈钢等
Main Material Carbon steel, Stainless steel, etc



衬氟过滤器 Fluorine Filter

产品型号: Y式、蓝式
Product Model Y Type, Blue pattern
公称口径: DN15~200mm
Nominal Diameter
公称压力: PN0.6~2.5MPa
Nominal Pressure
适用温度: 29~150℃
Suitable Temperature
主要材质: 酸、碱、酮、醇、有机溶剂等
Main Material Acid, Alkali, Ketones, Alcohols organic solvents, etc



对夹式衬氟蝶阀 Wafer Fluorine Lined Butterfly Valve

产品型号: D71/D371FS
Product Model
公称口径: DN50~1000mm
Nominal Diameter
公称压力: PN0.6~1.6MPa
Nominal Pressure
适用温度: ≤150℃
Suitable Temperature
主要材质: 碳钢、不锈钢
Main Material Carbon steel, Stainless steel



法兰式衬氟蝶阀 Flange Fluorine Lined Butterfly Valve

产品型号: D41/D341FS
Product Model
公称口径: DN50~1000mm
Nominal Diameter
公称压力: PN0.6~1.6MPa
Nominal Pressure
适用温度: ≤150℃
Suitable Temperature
主要材质: 碳钢、不锈钢
Main Material Carbon steel, Stainless steel



衬氟隔膜阀 Fluorine Lined Diaphragm Valve

产品型号: G41FS
Product Model
公称口径: DN15~350mm
Nominal Diameter
公称压力: PN0.6~1.0MPa
Nominal Pressure
适用温度: ≤150℃
Suitable Temperature
主要材质: 碳钢、不锈钢
Main Material Carbon steel, Stainless steel



升降式衬氟止回阀 Lift Fluorine Lined Check Valve

产品型号: H41F
Product Model
公称口径: DN15~300mm
Nominal Diameter
公称压力: PN0.6~1.0MPa
Nominal Pressure
适用温度: 85~150℃
Suitable Temperature
主要材质: 铸铁、碳钢、不锈钢
Main Material Cast iron, Carbon steel, Stainless steel



衬氟球阀 Fluorine Lined Ball Valve

产品型号: Q41FS
Product Model
公称口径: DN15~250mm
Nominal Diameter
公称压力: PN0.6~1.6MPa
Nominal Pressure
适用温度: ≤150℃
Suitable Temperature
主要材质: 碳钢、不锈钢
Main Material Carbon steel, Stainless steel



衬氟放料球阀 Fluorine Lined Feeding Ball Valve

产品型号: FQ41FS
Product Model
公称口径: DN40~150mm
Nominal Diameter
公称压力: PN0.6~1.6MPa
Nominal Pressure
适用温度: ≤150℃
Suitable Temperature
主要材质: 碳钢、不锈钢
Main Material Carbon steel, Stainless steel

衬氟阀门系列 Fluorine Lined Valve Series

全国免费热线：4001-899-439



国标气动隔膜阀(常开式) National standard of pneumatic diaphragm valves (Often open)

产品型号: G6K41J/FS
Product Model
公称口径: DN15~250mm
Nominal Diameter
公称压力: PN0.6~1.6MPa
Nominal Pressure
适用温度: 85~150℃
Suitable Temperature
主要材质: 铸铁、碳钢、不锈钢等
Main Material Cast iron, Carbon steel, Stainless steel, etc



国标气动隔膜阀(常闭式) National standard of pneumatic diaphragm valves (Often closed)

产品型号: G6B41J/FS
Product Model
公称口径: DN15~250mm
Nominal Diameter
公称压力: PN0.6~1.6MPa
Nominal Pressure
适用温度: 85~150℃
Suitable Temperature
主要材质: 铸铁、碳钢、不锈钢等
Main Material Cast iron, Carbon steel, Stainless steel, etc



英标气动隔膜阀(常开式) British standard of pneumatic diaphragm valves (Often open)

产品型号: EG6K41J/FS
Product Model
公称口径: DN15~200mm
Nominal Diameter
公称压力: PN0.6~1.6MPa
Nominal Pressure
适用温度: 85~150℃
Suitable Temperature
主要材质: 铸铁、碳钢、不锈钢等
Main Material Cast iron, Carbon steel, Stainless steel, etc



英标气动隔膜阀(常闭式) British standard of pneumatic diaphragm valves (Often closed)

产品型号: EG6B41J/FS
Product Model
公称口径: DN15~200mm
Nominal Diameter
公称压力: PN0.6~1.6MPa
Nominal Pressure
适用温度: 85~150℃
Suitable Temperature
主要材质: 铸铁、碳钢、不锈钢等
Main Material Cast iron, Carbon steel, Stainless steel, etc



英标手动隔膜阀 British standard Manual diaphragm valve

产品型号: EG41J/FS
Product Model
公称口径: DN15~400mm
Nominal Diameter
公称压力: PN0.6~1.6MPa
Nominal Pressure
适用温度: 85~150℃
Suitable Temperature
主要材质: 铸铁、碳钢、不锈钢等
Main Material Cast iron, Carbon steel, Stainless steel, etc



国标手动衬胶隔膜阀 GB Rubber Manual diaphragm valve

产品型号: G41J
Product Model
公称口径: DN15~400mm
Nominal Diameter
公称压力: PN0.6~1.6MPa
Nominal Pressure
适用温度: ≤85℃
Suitable Temperature
主要材质: 铸铁、碳钢、不锈钢等
Main Material Cast iron, Carbon steel, Stainless steel, etc



衬氟异径管 Fluorine lined pipe



衬塑弯头 Plastic lined elbow



衬塑三通 Plastic lined three links



F4模压衬氟异径四通
F4 molded lining fluorine four different diameter



全塑直管 Fully plastic pipe



衬F4直管 F4 lined pipe



衬塑管道 Plastic lined pipe



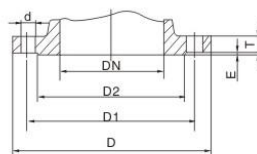
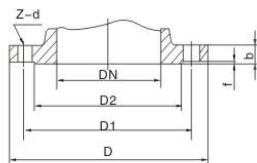
衬氟软管 Fluorine lined hose



法兰标准
Flange Standard

全国免费热线：4001-899-439

常规法兰尺寸 Flange dimension



JB/T79.1-1994

公称压力 Nominal pressure PN(MPa)	公称通径 Nominal diameter DN	尺寸mm						公称压力 Nominal pressure PN(MPa)	公称通径 Nominal diameter DN	尺寸mm					
		D	D1	D2	b	f	Z-d			D	D1	D2	b	f	Z-d
1.6	25	115	85	65	14	2	4-14	2.5	25	115	85	65	16	2	4-14
	32	135	100	78	16	2	4-18		32	135	100	78	18	2	4-18
	40	145	110	85	16	3	4-18		40	145	110	85	18	3	4-18
	50	160	125	100	16	3	4-18		50	160	125	100	20	3	4-18
	65	180	145	120	18	3	4-18		65	180	145	120	22	3	8-18
	80	195	160	135	20	3	8-18		80	195	160	135	22	3	8-18
	100	215	180	155	20	3	8-18		100	230	190	160	24	3	8-23
	125	245	210	185	22	3	8-18		125	270	220	188	28	3	8-25
	150	280	240	210	24	3	8-23		150	300	250	218	30	3	8-25
	200	335	295	265	26	3	12-23		200	360	310	278	34	3	12-25
	250	405	355	320	30	3	12-25		250	425	370	332	36	3	12-30
	300	460	410	375	30	4	12-25		300	485	430	390	40	4	16-30
	350	520	470	435	34	4	16-25		350	550	490	448	44	4	16-34
	400	580	525	485	36	4	16-30		400	610	550	505	48	4	16-34
	450	640	585	545	40	4	20-30		450	660	600	555	50	4	20-34
	500	705	650	608	44	4	20-34		500	730	660	610	52	4	20-41
600	840	770	728	48	5	20-41	600	840	770	718	56	5	20-41		
700	910	840	788	50	5	24-41	700	955	875	815	60	5	24-48		
800	1020	950	898	52	5	24-41	800	1070	990	930	64	5	24-48		
900	1120	1050	998	54	5	28-41	900	1180	1090	1025	66	5	28-54		
1000	1255	1170	1110	56	5	28-48	1000	1305	1210	1140	68	5	28-58		
1200	1485	1390	1325	58	5	32-54	1200	1525	1420	1350	72	5	32-58		

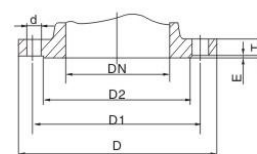
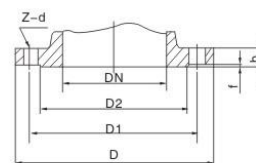
JB/T79.2-1994

公称压力 Nominal pressure PN(MPa)	公称通径 Nominal diameter DN	尺寸mm								公称压力 Nominal pressure PN(MPa)	公称通径 Nominal diameter DN	尺寸mm							
		D	D1	D2	D3	b	f	f1	Z-d			D	D1	D2	D3	b	f	f1	Z-d
1.6	25	115	85	65	58	16	2	2	4-14	2.5	25	115	85	65	58	16	2	2	4-14
	32	135	100	78	66	16	2	2	4-18		32	135	100	78	66	16	2	2	4-18
	40	145	110	85	76	16	3	2	4-18		40	145	110	85	76	16	3	2	4-18
	50	160	125	100	88	20	3	2	4-18		50	160	125	100	88	20	3	2	4-18
	65	180	145	120	110	22	3	2	4-18		65	180	145	120	110	22	3	2	4-18
	80	195	160	135	121	22	3	2	4-18		80	195	160	135	121	22	3	2	4-18
	100	230	190	160	150	24	3	2	4-18		100	230	190	160	150	24	3	2	4-18
	125	270	220	188	176	28	3	2	4-18		125	270	220	188	176	28	3	2	4-18
	150	300	250	218	204	30	3	2	4-18		150	300	250	218	204	30	3	2	4-18
	200	375	320	282	260	34	3	2	4-18		200	375	320	282	260	34	3	2	4-18
	250	445	385	345	313	42	3	2	4-18		250	445	385	345	313	42	3	2	4-18
	300	510	450	408	364	46	4	2	4-18		300	510	450	408	364	46	4	2	4-18
	350	570	510	465	422	52	4	2	4-18		350	570	510	465	422	52	4	2	4-18
	400	655	585	535	474	58	4	2	4-18		400	655	585	535	474	58	4	2	4-18
	500	755	670	612	576	62	4	2	4-18		500	755	670	612	576	62	4	2	4-18
	600	890	795	730	678	62	5	2	4-18		600	890	795	730	678	62	5	2	4-18
4.0	700	995	900	835	768	68	5	2	4-18	6.4	700	995	900	835	768	68	5	2	4-18
	25	135	100	78	58	22	2	2	4-23		25	135	100	78	58	22	2	2	4-23
	32	150	110	82	66	24	3	2	4-23		32	150	110	82	66	24	3	2	4-23
	40	165	125	95	75	24	3	2	4-23		40	165	125	95	75	24	3	2	4-23
	50	175	135	105	88	26	3	2	4-23		50	175	135	105	88	26	3	2	4-23
	65	200	160	130	110	28	3	2	4-23		65	200	160	130	110	28	3	2	4-23
6.4	25	115	85	65	58	16	2	2	4-14	10.0	25	115	85	65	58	16	2	2	4-14
	32	135	100	78	66	16	2	2	4-18		32	135	100	78	66	16	2	2	4-18
	40	145	110	85	76	16	3	2	4-18		40	145	110	85	76	16	3	2	4-18
	50	160	125	100	88	20	3	2	4-18		50	160	125	100	88	20	3	2	4-18
	65	180	145	120	110	22	3	2	4-18		65	180	145	120	110	22	3	2	4-18
	80	195	160	135	121	22	3	2	4-18		80	195	160	135	121	22	3	2	4-18
	100	230	190	160	150	24	3	2	4-18		100	230	190	160	150	24	3	2	4-18
	125	270	220	188	176	28	3	2	4-18		125	270	220	188	176	28	3	2	4-18
	150	300	250	218	204	30	3	2	4-18		150	300	250	218	204	30	3	2	4-18
	200	375	320	282	260	34	3	2	4-18		200	375	320	282	260	34	3	2	4-18

法兰标准
Flange Standard

全国免费热线：4001-899-439

常规法兰尺寸 Flange dimension



JB/T 78-1994

GB/T 9113.1-2000

公称压力 Nominal pressure PN(MPa)	公称通径 Nominal diameter DN	尺寸mm						公称压力 Nominal pressure PN(MPa)	公称通径 Nominal diameter DN	尺寸mm					
		D	D1	D2	b	f	Z-d			D	D1	D2	b	F	Z-d
1.0	25	115	85	65	16	2	4-14	1.0	25	115	85	65	16	2	4-14
	32	135	100	78	18	2	4-18		32	140	100	76	18	2	4-18
	40	145	110	85	18	3	4-18		40	150	110	84	18	2	4-18
	50	160	125	100	20	3	4-18		50	165	125	99	20	2	4-18
	65	180	145	120	20	3	4-18		65	185	145	118	20	2	4-18
	80	195	160	135	22	3	4-18		80	200	160	132	20	2	8-18
	100	215	180	155	22	3	8-18		100	220	180	156	22	2	8-18
	125	245	210	185	24	3	8-18		125	250	210	184	22	2	8-18
	150	280	240	210	24	3	8-23		150	285	240	211	24	2	8-22
	200	335	295	265	26	3	8-23		200	340	295	266	24	2	8-22
	250	390	350	320	28	3	12-23		250	395	350	319	26	2	12-22
	300	440	400	368	28	4	12-23		300	445	400	370	26	2	12-22
	350	500	460	428	30	4	16-23		350	505	460	429	26	2	16-22
	400	565	515	482	32	4	16-25		400	565	515	480	26	2	16-26
	450	615	565	532	32	4	20-25		450	615	565	530	28	2	20-26
	500	670	620	585	34	4	20-25		500	670	620	582	28	2	20-26
	600	780	725	685	36	5	20-30		600	780	725	682	34	2	20-30
	700	895	840	800	40	5	24-30		700	895	840	794	34	2	24-30
800	1010	950	905	44	5	24-34	800	1015	950	901	36	2	24-33		
900	1110	1050	1005	46	5	28-34	900	1115	1050	1001	38	2	28-33		
1000	1220	1160	1115	50	5	28-34	1000	1230	1160	1112	38	2	28-36		
1200	1450	1380	1325	56	5	32-41	1200	1455	1380	1328	44	2	32-36		



法兰标准
Flange Standard

全国免费热线：4001-899-439

常规法兰尺寸 Flange dimension

Class300(ASME/ANSI B 16.5、MSS SP-44)

口径Caliber		D		D1		D2		E		T		d		螺栓 Bolt	
in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	数量Amount	直径Diameter
1/2	15	3.75	95	2.63	66.5	1.38	35	0.06	1.6	0.07	15	0.63	15	4	1/2
3/4	20	4.63	117	3.25	82.5	1.69	43	0.06	1.6	0.63	16	0.75	19	4	5/8
1	25	4.88	124	3.5	89	2	51	0.06	1.6	0.69	18	0.75	19	4	5/8
1 1/2	40	6.13	156	4.5	114.5	3.38	73	0.06	1.6	0.82	21	0.88	22	4	3/4
2	50	6.5	165	5	127	3.62	92	0.06	1.6	0.88	22.3	0.75	19.22	8	5/8
2 1/2	65	7.5	190	5.88	149	4.12	105	0.06	1.6	1	25.4	0.88	22	8	3/4
3	80	8.25	210	6.62	168	5	127	0.06	1.6	1.12	28.6	0.88	22	8	3/4
4	100	10	254	7.88	200	6.19	157	0.06	1.6	1.25	31.8	0.88	22	8	3/4
5	125	11	279	9.25	235	7.31	186	0.06	1.6	1.38	35	0.88	22	8	3/4
6	150	12.5	318	10.62	270	8.5	216	0.06	1.6	1.44	36.6	0.88	22	12	3/4
8	200	15	381	13	330	10.62	270	0.06	1.6	1.62	41.3	0.88	25	12	7/8
10	250	17.5	444	15.25	387.5	12.75	324	0.06	1.6	1.88	47.7	1.12	29	16	1
12	300	20.5	521	17.75	451	15	381	0.06	1.6	2	50.8	1.25	32	16	1 1/8
14	350	23	584	20.25	514	16.25	413	0.06	1.6	2.12	54	1.25	32	20	1 1/8
16	400	25.5	648	22.5	571.5	18.5	470	0.06	1.6	2.25	57.2	1.38	35	20	1 1/4
18	450	28	711	24.75	628.5	21	533	0.06	1.6	2.38	60.4	1.38	35	24	1 1/4
20	500	30.5	775	27	686	23	584	0.06	1.6	2.5	63.5	1.38	35	24	1 1/4
24	600	36	914	32	813	27.25	692	0.06	1.6	2.75	69.9	1.62	41	24	1 1/2
28	700	40.75	1035	37	939.8	31.5	800.7	0.06	1.6	3.38	85.8	1.75	44.5	28	1 5/8
32	800	45.25	1149	41.5	1054	36	912.4	0.06	1.6	3.88	98.6	2	51	28	1 7/8

Class400(ASME/ANSI B 16.5、MSS SP-44)

口径Caliber		D		D1		D2		E		T		d		螺栓 Bolt	
in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	数量Amount	直径Diameter
1/2	15	3.75	95	2.625	66.7	1.375	35	0.25	6.4	0.57	14.5	0.63	15	4	1/2
3/4	20	4.63	116	3.25	82.5	1.69	43	0.25	6.4	0.63	16	0.75	19	4	5/8
1	25	4.88	124	3.5	88.9	2	51	0.25	6.4	0.69	17.5	0.75	19	4	5/8
1 1/2	40	6.13	156	4.5	114.3	2.875	73	0.25	6.4	0.875	22.5	0.875	22	4	3/4
2	50	6.5	165	5	127	3.62	92	0.25	6.4	1	25.4	0.75	19	8	5/8
2 1/2	65	7.5	190	5.88	149	4.12	105	0.25	6.4	1.12	28.6	0.88	22	8	5/8
3	80	8.25	210	6.62	168	5	127	0.25	6.4	1.25	31.8	0.88	22	8	3/4
4	100	10	254	7.88	200	6.19	157	0.25	6.4	1.38	35	1	25	8	3/4
5	125	11	279	9.25	235	7.31	186	0.25	6.4	1.5	38.5	1	25	8	7/8
6	150	12.5	318	10.62	270	8.5	216	0.25	6.4	1.62	41.5	1	25	12	7/8
8	200	15	381	13	330.2	10.62	270	0.25	6.4	1.88	48	1.12	29	12	1
10	250	17.5	445	15.25	387.3	12.75	324	0.25	6.4	2.12	54	1.25	32	12	7/8
12	300	20.5	520	17.75	450.8	15	381	0.25	6.4	2.25	57.5	1.38	35	16	1 1/8
14	350	23	585	20.25	514.3	16.25	413	0.25	6.4	2.38	60.5	1.38	35	16	1 1/4
16	400	25.5	650	22.5	571.5	18.5	470	0.25	6.4	2.5	63.5	1.5	39	20	1 1/4
18	450	28	710	24.75	628	21	533	0.25	6.4	2.62	67	1.5	39	20	1 3/8
20	500	30.5	775	27	685.8	23	584	0.25	6.4	2.75	70	1.62	42	24	1 1/2
24	600	36	915	32	812.8	27.25	692	0.25	6.4	3.0	76.5	1.88	48	24	1 3/4

服务承诺书
Flange Starand

全国免费热线：4001-899-439

质量、技术服务保证书

一、售前服务

- 1、协助用户做好产品的选型工作；
- 2、提供用户所订产品的样本，包括产品介绍、性能参数、安装尺寸、安装调试、注意事项等；
- 3、提供用户所需其他技术资料；

二、售中服务保证

- 1、按时、按质、按量提供合同产品；
- 2、运输途中质量保险等服务由我公司免费提供；

三、售后服务保证

- 1、本公司在全国范围内四十余个大中城市设有服务网络点，配有专职维修技术员，有多年给排水系统维护和维修经验，完全能够满足用户售后服务要求；
- 2、免费指导水泵机组的安装、调试；
- 3、产品到货后的现场安装过程如遇有问题，我公司将在接到通知 2 小时内根据用户的具体情况制定安装方案，并指导用户对阀门机组进行正确安装及连接；
- 4、在产品调试过程中，我公司可安排专人到位指导调试；
- 5、质保期18个月，终身维修。
 - 5.1 质保期内：实行三包（保修、包换、包退）。在无人为损坏或操作不当的情况下，出现质量问题，由我公司负责免费维修，若维修不好则保证更换，若更换还未解决质量问题则保证退货；
 - 5.2 超过质保期限：我公司负责终身维护，零配件成本由用户承担；
- 6、我公司为用户提供全天售后服务。接到报修电话，2小时内作出反应（主要是应对方案），市内用户12小时内派人上门检修，外地用户协商后，我方48小时内赶至用户现场或以双方约定为准。

