

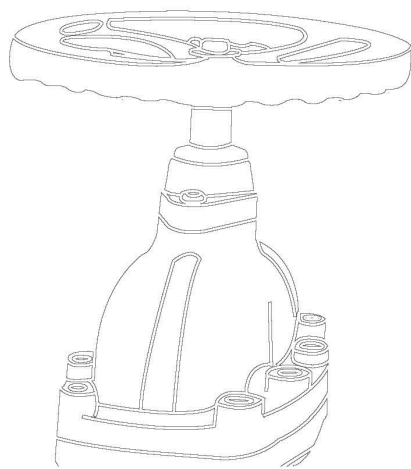
Coliter[®] 柯立特

**Water system
valves
水系统阀门**

浙江皓基流体科技有限公司
ZHEJIANG HAOJI FLUID TECHNOLOGY CO., LTD.

Coliter[®] 柯立特

好阀门
柯立特



中华人民共和国特种设备生产许可证

浙江省进口涉及饮用水卫生安全产品卫生许可批件

GB/T8464-2023《铁制、铜制和不锈钢制螺纹连接阀门》新版标准起草单位

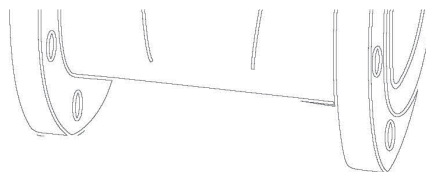
GB/T13927-2022《工业阀门压力试验》新版标准起草单位

GB/T26712-2021《卫生洁具及暖气管道用角阀》新版标准起草单位

QB/T5788-2022《电热执行器》新版标准起草单位

QB/T5789-2022《暖通空调温控器》新版标准起草单位

JB/T14307-2022《磁控开关阀》新版标准起草单位



Coliter

让创新科技及高端品质来服务每一个家庭

Let innovative technology and high-end quality
to serve every family!





企业愿景：致力成为行业领导品牌！

企业使命：让创新科技及高端品质来服务每一个家庭！

核心价值观：责任、诚信、创新、激情、专注、坚持、服务、共赢！

Corporate vision: to become a leading brand in the industry!

Corporate mission: let innovative technology and high-end quality to serve every family!

Core values: responsibility, integrity, innovation, passion, focus, persistence, service, win-win!

企业概况

Enterprise Overview



浙江皓基流体科技有限公司是一家集研发设计、生产制造、销售贸易为一体的科技型企业。公司位于东海之滨“中国阀门之都”玉环市，现有厂房面积30000多平方米，员工300多名，其中研发人员30多名。主要生产全品系阀门产品。产品均由中国平安保险公司质量承保。

公司通过了ISO9001:2015质量管理体系、ISO14001:2015环境管理体系、ISO45001:2018职业健康安全管理体系认证、TS特种设备制造许可证、浙江省进口涉及饮用水卫生安全产品卫生许可批件，并获得了CQC、欧盟CE、BSCI、法国ACS、德国DAKKS等检测认证。工厂引用德国、意大利和台湾等地专业生产设备，拥有国际标准检测实验室和QC团队，为品质提供有力保障。

公司秉承多年对铜制品的生产经验和技术开发能力，以专业化的生产流程，努力为客户创造更多价值！

企业愿景：致力成为行业领导品牌！

企业使命：让创新科技及高端品质来服务每一个家庭！

核心价值观：责任、诚信、创新、激情、专注、坚持、服务、共赢！

Zhejiang Haoji Fluid Technology Co., Ltd. is a technology-based enterprise that integrates research and development, design, production, manufacturing, sales, and trade. The company is located in Yuhuan City, the "Valve Capital of China" on the coast of the East China Sea. It currently has a factory area of over 30000 square meters and more than 300 employees, including more than 30 research and development personnel. We mainly produce a full range of valve products. All products are underwritten by Ping An Insurance Company of China.

The company has passed the ISO9001:2015 quality management system, ISO14001:2015 environmental management system, ISO45001:2018 occupational health and safety management system certification, TS special equipment manufacturing license, Zhejiang Province import hygiene and safety product hygiene license, and has obtained testing certifications such as CQC, EU CE, BSCI, French ACS, and German DAKKS. The factory cites professional production equipment from Germany, Italy, and Taiwan, and has international standard testing laboratories and QC teams, providing strong guarantee for quality.

The company adheres to years of production experience and technical development capabilities in copper products, and strives to create more value for customers through professional production processes!

Corporate Vision: Committed to becoming a leading brand in the industry!

Corporate mission: To serve every family with innovative technology and high-end quality!

Core values: responsibility, integrity, innovation, passion, focus, persistence, service, and win-win situation!

关于我们

About us

30000 m² | **300** 多名 | **30** 多名
厂房面积 | 员工 | 研发人员



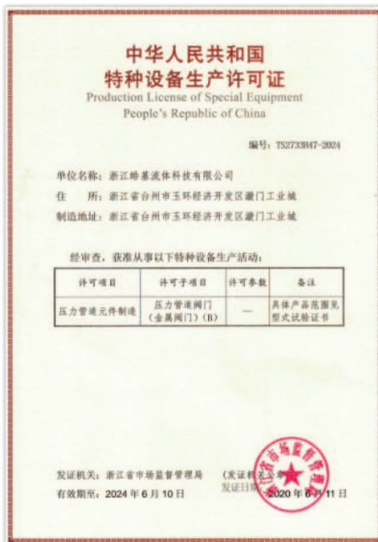
精良的现代化加工装备和独特的技术工艺实现了产品的完美呈现，自主技术开发的高品质产品充分体现了柯立特对品牌引领化的战略的不懈追求。

Excellent modern digital fabrication equipment and unique process ensure perfect COLITER valve products. Self-developed high quality products fully present continuous pursuit of COLITER to stratagem of brand internationalization

我们的优势

Our strengths

柯立特致力于为顾客提供安全、环保、智能的阀门产品及系统解决方案。
Committed to providing customers with safe, environmentally friendly, intelligent valve products and systems solutions.





材质
Material Science

产品采用HPb59-1，保证产品品质。我司拥有国家级技术中心，有物理化学实验室，能对每批次材质进行检测，保证原材料品质的稳定性



生产
Manufacturing

采用先进的自动化设备，生产过程高度自动化，工艺控制准确产品质量稳定



工艺及设备
Process and equipment

毛坯采用热锻压工艺，中频炉加热，由红外线恒温控制保护原材料加工温度的均匀，为防止阀体螺纹连接处安装不规范引起开裂，对加工后的产品进行了退火，消除内应力



管理
Production Control

车间实施5S标准管理，执行严格的质量控制体系，最终实现“零缺陷”的高品质管材、管件



销售
Marketing Management

采用先进的软件管理系统，优化公司供应链管理提高客户需求，及时、准确的响应能力



性价比
Cost Performance

拥有一流的工艺和生产设备，稳定可靠的原材料供应，先进的精益生产管理。优秀的现代企业管理团队和管理制度，给市场创造出经济、可靠、高性价比的产品

THE COMPANY'S PRODUCTS BY THE
CHINA PING AN INSURANCE
UNDERWRITING



本公司产品质量由中国平安保险承保

生产与仓储

Produce and warehousing

从毛坯铸件到最终产品，拥有先进的检验手段和测试设备进行质量控制。所有产品都按照相关标准进行精确的材质分析和尺寸检验，严格的工序检验贯穿整个生产过程，每台阀门都按照客户的要求或国际标准生产，并在装运前进行最终的检测。我们将努力实现阀门零缺陷。

From the blank casting to the final product, it has advanced inspection means and testing equipment for quality control. All products are subject to accurate material analysis and dimensional inspection according to relevant standards, strict process inspection is carried out throughout the production process, each valve is manufactured according to customer requirements or international standards, and final inspection is conducted before shipment. We will strive to achieve zero valve defects.





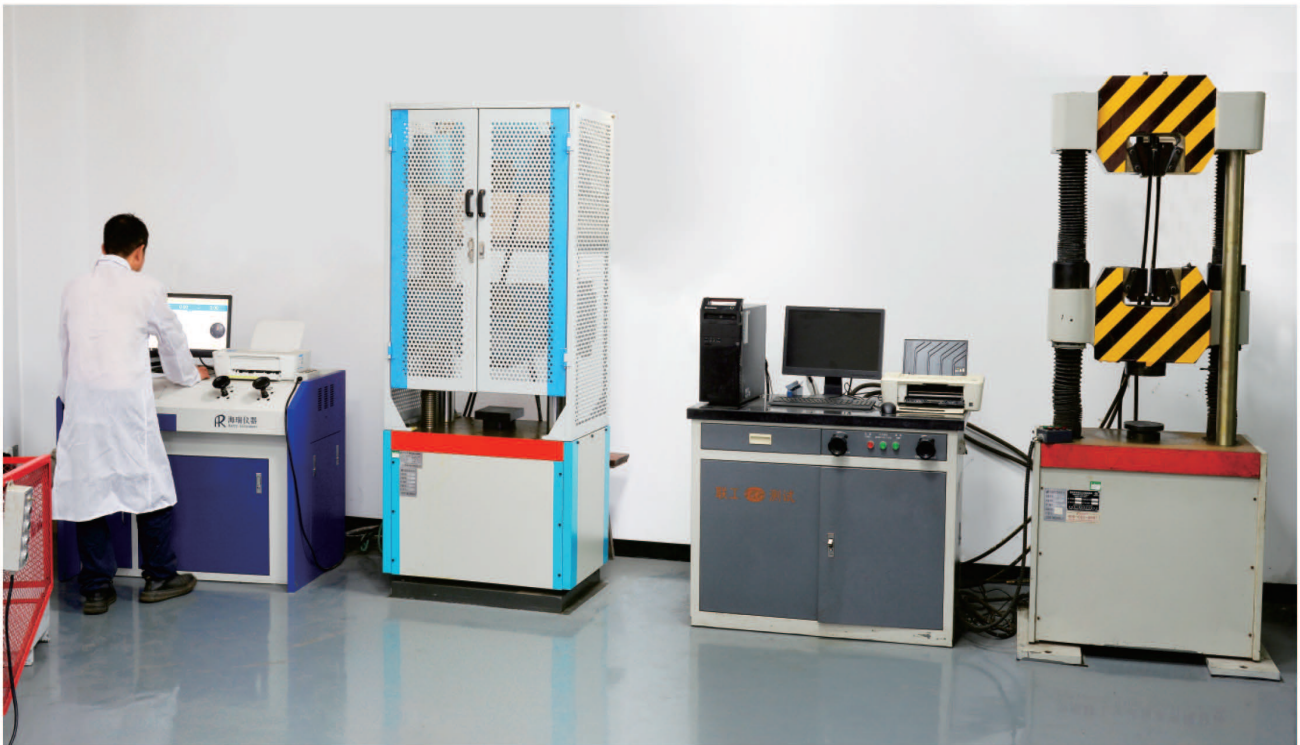
研发与创新

R&D and innovations

拥有一支具有丰富设计经验的研发队伍，采用先进的计算机辅助设计软件和三维造型软件，设计的产品结构合理，外形美观，重量适中，具有很强的市场竞争力。拥有先进的加工设备及市场工艺，全力开发新产品以满足市场的需要，并多次获得国际专利。

We have a team of advanced software design and design, which is suitable for shape design and software design. We have advanced processing equipment and market technology, develop new products to meet the needs of the market, and have won international patents for many times.





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不锈钢阀门系列



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Cast Steel Valve Series
铸钢阀门系列



中国平安
PING AN



中国平安
PINGAN



Coliter® 柯立特

Gate valve series

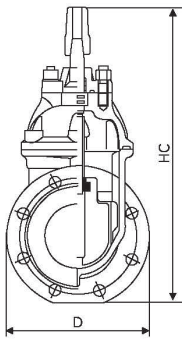
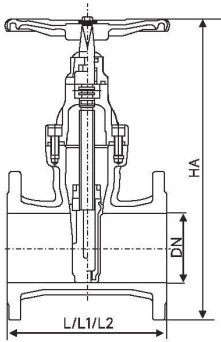
闸阀系列



Z45X

暗杆软密封闸阀

Non rising stem soft sealing gate valve



◎产品概述 Product overview

Z45X暗杆软密封闸阀由阀体、阀盖、阀杆、阀杆螺母、闸板等零件组成。此闸利用弹性闸板产生微量弹性变形的补偿作用达到良好的密封效果，该闸具有开关轻巧、密封可靠、弹性记忆佳及使用寿命长等显著优点，采用全通径，暗杆操作，法兰螺栓连接，平底式阀座，无杂物沉淀，广泛用于自来水、污水、建筑、石油、化工、食品、医药、轻纺、电力、船舶、冶金、能源系统等流体管线上作为调节和截流装置使用。

The Z45X non rising stem soft sealing gate valve is composed of parts such as valve body, valve cover, valve stem, valve stem nut, gate plate, etc. This valve utilizes the compensation effect of elastic deformation generated by the elastic gate to achieve good sealing effect. It has significant advantages such as lightweight opening and closing, reliable sealing, good elastic memory, and long service life. It adopts full bore, non rising stem operation, flange bolt connection, flat bottom valve seat, and no debris precipitation. It is widely used in tap water, sewage, construction, petroleum, chemical, food, medicine, textile, electricity, shipbuilding, metallurgy, etc. Used as a regulating and intercepting device on fluid pipelines such as energy systems.

◎主要性能规范 Main performance specification

公称压力 Nominal pressure	公称通径 Nominal diameter	适用介质 Applicable media	工作温度 Working temperature	法兰标准 Flange standard	试验标准 Test standard
1.0~2.5MPa	50~600mm	水、油、气等 Water, oil, gas, etc	≤80℃	GB/T17241.6 GB9113	GB13927 API598

◎主要零部件材质 Materials of main parts

零件名称 Part Name	材料 Material Science
阀体 Valve body	灰铸铁、球墨铸铁、铸钢 Grey cast iron, ductile iron, cast steel
闸板 Ram	球墨铸铁外覆三元乙丙或丁腈橡胶 Ductile iron coated with EPDM or NBR
内六角螺栓 Hexagon socket head bolt	碳化处理 Carbonization treatment
密封圈 Seal ring	丁腈橡胶 Nitrile rubber
阀盖 Valve cover	灰铸铁、球墨铸铁、铸钢 Grey cast iron, ductile iron, cast steel
阀杆 Stem	不锈钢 (45#, 1Cr13, 304, 416, 316) Stainless steel (45 #, 1Cr13, 304, 416, 316)
O形密封圈 O-ring	丁腈橡胶 Nitrile rubber
止推轴承 Thrust bearing	锡青铜 Tin bronze
螺栓 Bolt	不锈钢 Stainless steel
压盖 Gland	球墨铸铁、铸钢 Ductile iron, cast steel
防尘罩 Dust cover	丁腈橡胶 Nitrile rubber
手轮 (传动帽) Hand wheel (transmission cap)	铸铁、球墨铸铁 Cast iron, ductile iron

传动方式：手动、电动、气动、液动。
Transmission mode: manual, electric, pneumatic and hydraulic.

◎主要外形尺寸和连接尺寸 Main shape size and connection size

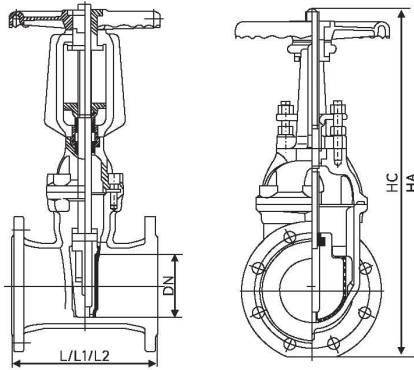
单位unit:mm

DN	L	HA	HC	D		
				1.0/1.6MPa	1.0MPa	1.6MPa
50	178	313	340	165	4-19	4-19
65	190	332	370	185	4-19	4-19
80	203	372	410	200	8-19	8-19
100	229	424	450	220	8-19	8-19
125	254	497	480	250	8-19	8-19
150	267	562	550	285	8-23	8-23
200	292	680	630	340	8-23	12-23
250	330	837	750	405	12-23	12-28
300	356	948	820	460	12-23	12-28
350	381	1010	980	520	16-28	16-28
400	406	1220	1010	580	16-28	16-31
450	432	1280	1270	640	20-28	20-31
500	457	1480	1270	715	20-28	20-34
600	508	1665	1390	840	20-31	20-37

Z41X

明杆软密封闸阀

Rising stem soft sealing gate valve



产品概述 Product overview

Z41X明杆软密封闸阀，除具有弹性座封闸阀的优点之外，并可以较直观阀门开度，启闭迅速可靠，故常应用于消防及工业系统。一般安装于距地面较高位置。

Z41X rising stem soft sealing gate valve, in addition to the advantages of elastic seat sealing gate valve, can also have a more intuitive valve opening, fast and reliable opening and closing, so it is often used in fire protection and industrial systems. Generally installed at a high position above the ground.

主要性能规范 Main performance specification

公称压力 Nominal pressure	公称直径 Nominal diameter	适用介质 Applicable media	工作温度 Working temperature	法兰标准 Flange standard	试验标准 Test standard
1.0-2.5MPa	50-400mm	水、油、气等 Water, oil, gas, etc	≤80°C	GB/T17241.6 GB9113	GB13927 API598

主要零部件材质 Materials of main parts

零件名称 Part Name	材料 Material Science
手轮 Hand wheel	可锻铸铁、球墨铸铁、铸钢、不锈钢 Malleable iron, ductile iron, cast steel, stainless steel
闸杆螺母 Stem nut	铜合金 copper alloy
支架 Bracket	灰铸铁、球墨铸铁、铸钢 Grey cast iron, ductile iron, cast steel
压盖 Gland	球墨铸铁、铸钢 Ductile iron, cast steel
密封圈 Seal ring	丁腈橡胶、三元乙丙 NBR, EPDM
闸杆 Stem	不锈钢stainless steel(45#、1Cr13、304、416、316)
中口垫 Middle mouth pad	丁腈橡胶、三元乙丙 NBR, EPDM
闸板 Ram	球墨铸铁+三元乙丙或丁腈橡胶 Ductile iron+EPDM or NBR
阀体 Valve body	灰铸铁、球墨铸铁、铸钢 Grey cast iron, ductile iron, cast steel

传动方式：手动、电动、气动、液动。
Transmission mode: manual, electric, pneumatic and hydraulic.

主要外形尺寸和连接尺寸 Main shape size and connection size

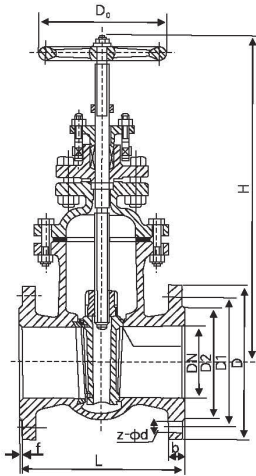
单位unit:mm

DN	L	HA	HC	D		
				1.0/1.6MPa	1.0MPa	1.6MPa
50	178	322	374	165	4-19	4-19
65	190	332	398	185	4-19	4-19
80	203	350	429	200	8-19	8-19
100	229	420	524	220	8-19	8-19
125	254	581	721	250	8-19	8-19
150	267	581	736	285	8-23	8-23
200	292	736	942	340	8-23	12-23
250	330	882	1031	405	12-23	12-28
300	356	1009	1117	460	12-23	12-28
350	381	1300	1655	520	16-28	16-28
400	406	1380	1805	580	16-28	16-31

Z45T

暗杆硬密封闸阀

Dark rod hard seal gate valve



产品概述 Product overview

本阀适用于石油、化工、制药、电力等行业，在水、油类介质的管道上作启闭用。

This valve is suitable for industries such as petroleum, chemical, pharmaceutical, and electric power, and is used for opening and closing pipelines in water and oil media.

主要性能规范 Main performance specification

公称压力 Nominal pressure	试验压力 Test pressure		适用温度 Temperature	适用介质 Applicable medium
	强度(水) Strength (water)	密封(水) Sealing (water)		
1.6	2.4MPa	1.76MPa	-10~80℃	水、蒸汽、油类 Water, steam, oil

主要零部件材质 Materials of main parts

零件名称 Part name	材料 Material
阀体、阀盖 Valve body, valve cover	球墨铸铁 Nodular cast iron
闸板 Ram	球墨铸铁、黄铜 Ductile iron, brass
阀杆 Valve stem	碳钢、不锈钢、黄铜 Carbon steel, stainless steel, brass
密封垫圈 Sealing washer	黄铜、球铁 Brass, ductile iron

主要外形尺寸和连接尺寸 Main shape size and connection size

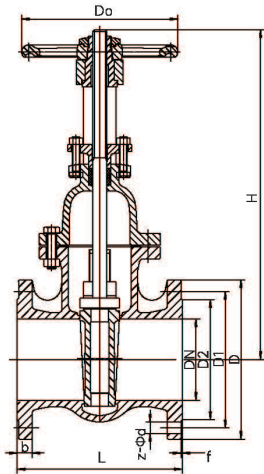
单位unit:mm

DN	L	D	D1	D2	b-f	Z-φd	H	Do
50	178	160	125	100	19-3	4-18	290	150
65	190	180	145	120	19-3	4-18	315	150
80	203	195	160	135	21-3	4-18	362	184
100	229	215	180	155	21-3	8-18	397	184
125	254	245	210	185	23-3	8-18	447	225
150	280	280	240	210	24-3	8-23	500	225
200	330	335	295	265	26-3	8-23	597	320
250	380	390	350	320	28-3	12-23	735	320
300	420	440	400	368	28-4	12-23	840	400
350	450	500	460	428	29-3	16-23	925	400
400	480	565	515	482	31-3	16-25	1087	500
450	510	615	565	532	32-4	20-25	1170	500
500	540	670	620	585	34-4	20-25	1365	500
600	600	780	725	685	36-5	20-30	1585	500
700	660	895	840	800	40-5	24-30	1717	900
800	720	1010	950	905	44-5	24-34	1873	900
900	780	1110	1050	1005	46-4	28-34	-	-
1000	840	1220	1160	1115	50-5	28-34	-	-
1200	960	1450	1380	1325	56-5	32-41	-	-

Z41T

明杆硬密封闸阀

Rising stem hard seal gate valve



产品概述 Product overview

本阀适用于石油、化工、制药、电力等行业，在水、油类介质的管道上作启闭用。

This valve is suitable for industries such as petroleum, chemical, pharmaceutical, and electric power, and is used for opening and closing pipelines in water and oil media.

主要性能规范 Main performance specification

公称压力 Nominal pressure	试验压力 Test pressure		适用温度 Temperature	适用介质 Applicable medium
	强度(水) Strength (water)	密封(水) Sealing (water)		
1.6	2.4MPa	1.76MPa	-10~80℃	水、蒸汽、油类 Water, steam, oil

主要零部件材质 Materials of main parts

零件名称 Part name	材料 Material
阀体、阀盖 Valve body, valve cover	球墨铸铁 Nodular cast iron
闸板 Ram	球墨铸铁、黄铜 Ductile iron, brass
阀杆 Valve stem	碳钢、不锈钢、黄铜 Carbon steel, stainless steel, brass
密封垫圈 Sealing washer	黄铜、球铁 Brass, ductile iron

主要外形尺寸和连接尺寸 Main shape size and connection size

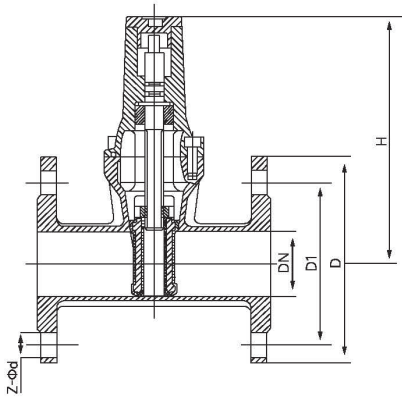
单位unit:mm

DN	L	D	D1	D2	b-f	Z-φd	H	Do
50	178	160	125	100	20-3	4-18	295	180
65	190	180	145	120	20-3	4-18	330	180
80	203	195	160	135	22-3	4-18	382	200
100	229	215	180	155	22-3	8-18	437	200
125	254	245	210	185	24-3	8-18	508	240
150	280	280	240	210	24-3	8-23	580	240
200	330	335	295	265	26-3	8-23	760	320
250	380	390	350	320	28-3	12-23	875	320
300	420	440	400	368	28-4	12-23	1040	400
350	450	500	460	428	30-4	16-23	1195	400
400	480	565	515	482	32-4	16-25	1367	500
450	510	615	565	532	32-4	20-25	1498	500
500	540	670	620	585	34-4	20-25	1710	500
600	600	780	725	685	36-5	20-30	2129	500

DZ45X

带锁软密封闸阀

Lock soft seal gate valve



产品概述 Product overview

带锁软密封闸阀该产品全机械装置，启闭到任何位置均可实现自锁，操作简单，经久耐用，不易损坏，防盗效果极好，非专用钥匙无法打开，安装在自来水管、小区供暖管道或其他管道上可有效避免偷用现象，非常方便管理。

The lock soft sealing gate valve is a fully mechanical device that can achieve self-locking when opened or closed in any position. It is easy to operate, durable, not easily damaged, and has excellent anti-theft effect. It cannot be opened without a dedicated key. It can be installed on water pipelines, residential heating pipelines, or other pipelines to effectively avoid theft and is very convenient for management.

主要性能规范 Main performance specification

公称尺寸 Nominal size	50~400mm		
公称压力 Nominal pressure	1.0MPa	1.6MPa	
试验压力 Test pressure	强度试验 Strength test	1.5MPa	2.4MPa
	密封试验 Sealing test	1.1MPa	1.76MPa
	气封试验 Gas seal test	0.6MPa	
适用温度 Temperature	-10~80°C		
适用介质 Applicable medium	水、油等 Water, oil, etc.		

主要零部件材质 Materials of main parts

零件名称 Part name	材料 Material
阀体 Valve body	QT450
阀板 Valve plate	QT450
阀杆螺母 Stem nut	QT450
阀杆 Valve stem	2Cr13
阀盖 Bonnet	QT450

技术要求 Technical requirement

设计标准 Design standards	GB/T12238
结构长度 Structure length	GB/T12221
检验与试验 Inspection and Testing	GB/T13927
法兰尺寸 Flange size	GB/T172416

主要外形尺寸和连接尺寸 Main shape size and connection size

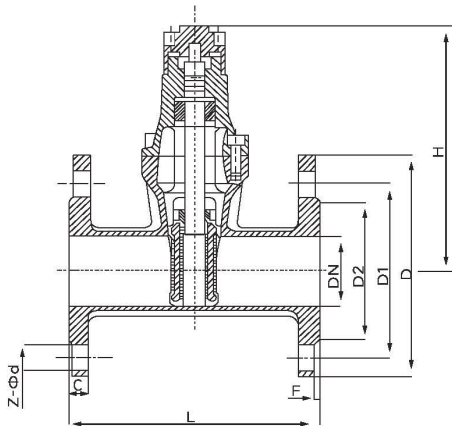
单位unit:mm

DN	L	H	D	D1		Z-φd	
			1.0/1.6MPa	1.0MPa	1.6MPa	1.0MPa	1.6MPa
50	178	152	165	125	125	4-19	4-19
65	190	156	185	145	145	4-19	4-19
80	203	213	200	160	160	8-19	8-19
100	229	255	220	180	180	8-19	8-19
125	254	271	250	210	210	8-19	8-19
150	267	335	285	240	240	8-23	8-23
200	292	427	340	295	295	8-23	12-23
250	330	640	405	350	355	12-23	12-28
300	356	707	460	400	410	12-23	12-28
350	381	807	520	460	470	16-28	16-28
400	406	880	580	515	525	16-28	16-31
450	432	-	640	565	585	20-28	20-31
500	457	-	715	620	650	20-28	20-34
600	508	-	840	725	770	20-31	20-37

CZ45X

磁性带锁软密封闸阀

Magnetic lock soft seal gate valve



◎产品概述 Product overview

磁性带锁软密封闸阀在开关的任意位置都可以自锁，便于用户自控，一旦上锁需用工具方能开关。软密封闸阀是利用闸板整体包胶产生变形补偿作用达到良好的密封效果，克服了一般闸阀密封不良，漏水和生锈的现象，底部采用与水管相同的平底阀座设计，不产生杂物淤积，流阻系数小，通道流畅。阀体内外采用无毒环氧树脂涂装，防止腐蚀和生锈，不但可供生活用水，也可用于污水处理系统。

The magnetic lock soft sealing gate valve can self lock at any position of the switch, making it easy for users to control. Once locked, tools are required to open and close. The soft sealing gate valve uses the overall sealing of the gate plate to generate deformation compensation effect and achieve good sealing effect, overcoming the phenomenon of poor sealing, water leakage, and rust in general gate valves. The bottom adopts the same flat bottom valve seat design as the water pipe, which does not produce debris accumulation, has a small flow resistance coefficient, and the passage is smooth. The inside and outside of the valve body are coated with non-toxic epoxy resin to prevent corrosion and rust. It can be used not only for domestic water but also in sewage treatment systems.

◎主要性能规范 Main performance specification

公称尺寸 Nominal size		50~400mm	
公称压力 Nominal pressure		1.0MPa	1.6MPa
试验压力 Test pressure	强度试验 Strength test	1.5MPa	2.4MPa
	密封试验 Sealing test	1.1MPa	1.76MPa
	气封试验 Gas seal test	0.6MPa	
适用温度 Temperature		-10~80°C	
适用介质 Applicable medium		水、油等 Water, oil, etc.	

◎主要零部件材质 Materials of main parts

零件名称 Part name	材料 Material
阀体 Valve body	QT450
闸板 Valve plate	QT450
闸杆螺母 Stem nut	QT450
闸杆 Valve stem	2Cr13
闸盖 Bonnet	QT450

◎技术要求 Technical requirement

设计标准 Design standards	GB/T12238
结构长度 Structure length	GB/T12221
检验与试验 Inspection and Testing	GB/T13927
法兰尺寸 Flange size	GB/T172416

◎主要外形尺寸和连接尺寸 Main shape size and connection size

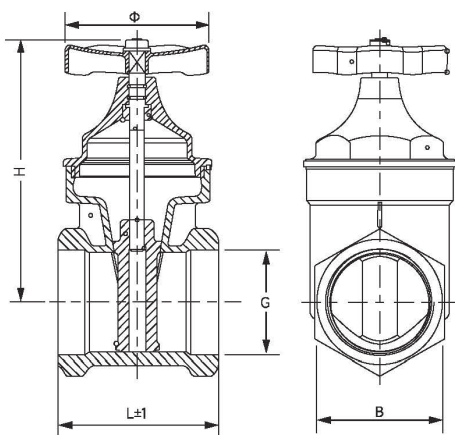
单位unit:mm

DN	L	D		D1		D2	C	F	Z-Φd		H
50	178	165		125		99	19	3	4-19		152
65	190	185		145		118	19	3	4-19		156
80	203	200		160		132	19	3	8-19		213
100	229	220		180		156	19	3	8-19		255
125	254	250		210		184	19	3	8-19		271
150	267	285		240		211	19	3	8-23		335
200	292	340		295		266	20	3	8-23	12-23	427
250	330	395	405	350	355	319	22	3	12-23	12-28	640
300	356	445	460	400	410	370	24.5	4	12-23	12-28	707
350	381	505	520	460	470	429	24.5	4	16-23	16-28	807
400	406	565	580	520	525	480	24.5	4	16-28	16-31	880

Z15X

丝口软密封闸阀

Silk mouth soft sealing gate valve



◎产品概述 Product overview

丝口软密封闸阀是利用闸板整体包胶产生变形补偿作用达到良好的密封效果，克服了一般闸阀密封不良，漏水和生锈的现象，底部采用与水管相同的平底闸座设计，不产生杂物淤积，流阻系数小，通道顺畅。阀体内外采用无毒环氧树脂涂装，防止腐蚀和生锈，不但可供生活用水，也可用在污水处理系统。

The silk mouth soft sealing gate valve utilizes the deformation compensation effect generated by the overall sealing of the gate plate to achieve good sealing effect, overcoming the phenomenon of poor sealing, water leakage, and rust in general gate valves. The bottom adopts the same flat bottom valve seat design as the water pipe, which does not produce debris accumulation, has a small flow resistance coefficient, and the channel is smooth. The inside and outside of the valve body are coated with non-toxic epoxy resin to prevent corrosion and rust. It can be used not only for domestic water but also in sewage treatment systems.

◎主要性能规范 Main performance specification

公称尺寸 Nominal size	15-100mm	
公称压力 Nominal pressure	1.0~1.6MPa	
试验压力 Test pressure	强度试验 Strength test	2.4MPa
	密封试验 Sealing test	1.76MPa
	气封试验 Gas seal test	0.6MPa
适用温度 Temperature	-10~80°C	
适用介质 Applicable medium	水、油等 Water, oil, etc.	

◎主要零部件材质 Materials of main parts

零件名称 Part name	材料 Material
阀体 Valve body	QT450
闸板 Valve plate	QT450+NBR
闸杆 Valve stem	不锈钢 Stainless steel
闸盖 Bonnet	QT450

◎技术要求 Technical requirement

设计标准 Design standards	GB/T12238
结构长度 Structure length	GB/T12221
检验与试验 Inspection and Testing	GB/T13927
螺纹连接 (非螺纹密封的管螺纹) Threaded connection (non threaded sealed pipe threads)	JB/T7307

◎主要外形尺寸和连接尺寸 Main shape size and connection size

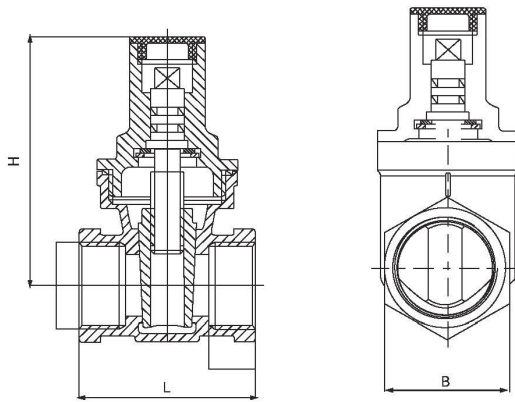
单位unit:mm

DN	G	L	H	Φ	B	A
15	1/2"	65	84	60	30	15
20	3/4"	70	87	60	39	15
25	1"	80	106	70	42	17
32	1 1/4"	93	124	75	52	20
40	1 1/2"	98	160	88	57	20
50	2"	110	170	88	72	22
65	2 1/2"	130	203	125	88	28
80	3"	142	232	135	105	28
100	4"	167	272	148	128	32

DZ15X

带锁软密封闸阀

Lock soft seal gate valve



◎产品概述 Product overview

带锁软密封闸阀该产品全机械装置，启闭到任何位置均可实现自锁，操作简单，经久耐用，不易损坏，防盗效果极好，非专用钥匙无法打开，安装在自来水管、小区供暖管道或其他管道上可有效避免偷用现象，非常方便管理。

The lock soft sealing gate valve is a fully mechanical device that can achieve self-locking when opened or closed in any position. It is easy to operate, durable, not easily damaged, and has excellent anti-theft effect. It cannot be opened without a dedicated key. It can be installed on water pipelines, residential heating pipelines, or other pipelines to effectively avoid theft and is very convenient for management.

◎主要性能规范 Main performance specification

公称尺寸 Nominal size	15~100mm	
公称压力 Nominal pressure	1.0~1.6MPa	
试验压力 Test pressure	强度试验 Strength test	2.4MPa
	密封试验 Sealing test	1.76MPa
	气封试验 Gas seal test	0.6MPa
适用温度 Temperature	-10~80°C	
适用介质 Applicable medium	水、油等 Water, oil, etc.	

◎主要零部件材质 Materials of main parts

零件名称 Part name	材料 Material
阀体 Valve body	QT450
阀板 Valve plate	QT450+NBR
阀杆 Valve stem	不锈钢 Stainless steel
阀盖 Bonnet	QT450

◎技术要求 Technical requirement

设计标准 Design standards	GB/T12238
结构长度 Structure length	GB/T12221
检验与试验 Inspection and Testing	GB/T13927
螺纹连接（非螺纹密封的管螺纹） Threaded connection (non threaded sealed pipe threads)	JB/T7307

◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位unit:mm

DN	G	L	H	A	B
15	1/2"	66	83	15	30
20	3/4"	69	96	15	39
25	1"	78	101	17	42
32	1 1/4"	93	118	20	52
40	1 1/2"	98	145	20	57
50	2"	110	165	22	72
65	2 1/2"	127	205	28	88
80	3"	139	240	28	106
100	4"	160	270	32	132

CZ15X

磁性带锁软密封闸阀

Magnetic lock soft seal gate valve



◎产品概述 Product overview

磁性带锁软密封闸阀，该阀门在开关的任意位置都可以自锁，便于用户自控，一旦上锁需用工具方能开关。软密封闸阀是利用闸板整体包胶产生变形补偿作用达到良好的密封效果，克服了一般闸阀密封不良、漏水和生锈的现象，底部采用与水管相同的平底闸阀座设计，不产生杂物淤积，流阻系数小，通道流畅。阀体内外采用无毒环氧是指涂装，防止腐蚀和生锈，不但可供生活用水，也可用在污水处理系统。

Magnetic lock soft sealing gate valve, which can self lock at any position of the switch, making it easy for users to control. Once locked, tools are required to open and close. The soft sealing gate valve utilizes the deformation compensation effect of the overall sealing rubber of the gate plate to achieve good sealing effect, overcoming the phenomenon of poor sealing, water leakage, and rust in general gate valves. The bottom adopts the same flat bottom valve seat design as the water pipe, which does not produce debris accumulation, has a small flow resistance coefficient, and a smooth passage. The use of non-toxic epoxy inside and outside the valve body refers to coating to prevent corrosion and rust. It can not only be used for domestic water, but also in sewage treatment systems.



◎主要性能规范 Main performance specification

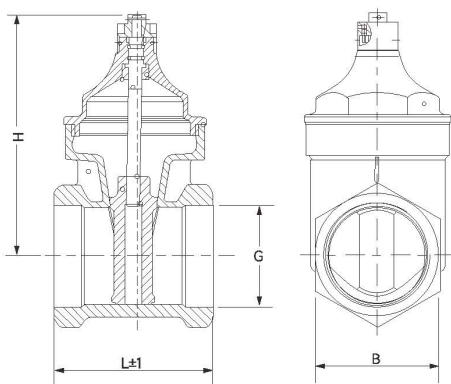
公称尺寸 Nominal size	15~100mm	
公称压力 Nominal pressure	1.0~1.6MPa	
试验压力 Test pressure	强度试验 Strength test	2.4MPa
	密封试验 Sealing test	1.76MPa
	气封试验 Gas seal test	0.6MPa
适用温度 Temperature	-10~80°C	
适用介质 Applicable medium	水、油等 Water, oil, etc.	

◎主要零部件材质 Materials of main parts

零件名称 Part name	材料 Material
阀体 Valve body	QT450
闸板 Valve plate	QT450-12+NBR
阀杆 Valve stem	不锈钢 Stainless steel
阀盖 Bonnet	QT450

◎技术要求 Technical requirement

设计标准 Design standards	GB/T8464
结构长度 Structure length	GB/T8464
检验与试验 Inspection and Testing	GB/T13927
螺纹连接 (非螺纹密封的管螺纹) Threaded connection (non threaded sealed pipe threads)	JB/T7307



◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位unit:mm

DN	G	L	H	A	B
15	1/2"	65	84	15	30
20	3/4"	70	87	15	39
25	1"	80	106	17	42
32	1 1/4"	93	124	20	52
40	1 1/2"	98	160	20	57
50	2"	110	170	22	72
65	2 1/2"	130	203	28	88
80	3"	142	232	28	105
100	4"	167	272	32	128

Butterfly valve series

蝶阀系列



D71X

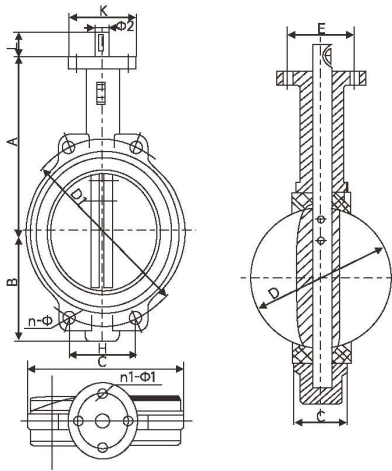
对夹蝶阀

Wafer butterfly valve



◎主要性能规范 Main performance specification

公称尺寸 Nominal size	50~200mm
公称压力 Nominal pressure	1.0~2.5MPa
适用介质 Applicable medium	净水、污水 Clean water and sewage
适用温度 Temperature	-10~80 °C



DN50(2")~600(24")

◎主要零部件材质 Materials of main parts

零件名称 Part name	材料 Material
阀体 Valve body	球墨铸铁 Nodular cast iron
阀座密封 Seat tightness	丁腈、乙丙、聚四氟乙烯、硅橡胶 Nitrile, ethylene propylene, polytetrafluoroethylene, silicone rubber
蝶板 Disc	不锈钢 Stainless steel
阀轴 Valve shaft	不锈钢 Stainless steel

◎主要外形尺寸和连接尺寸 Main shape size and connection size

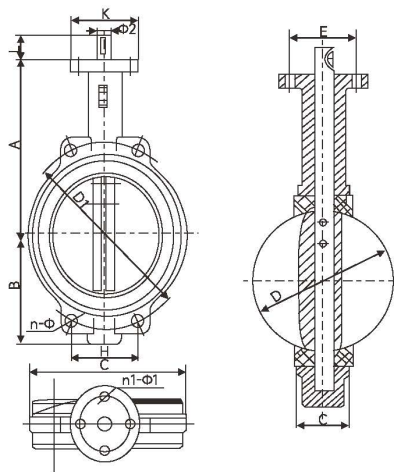
单位unit:mm

DN		A	B	C	D	L	H	D1	n-Φ	K	E	n1-Φ1	Φ2	G	f	J	X
mm	inch																
50	2	161	80	43	52.9	32	84.84	125	4-23	77	57.15	4-6.7	12.6	100	13	13.8	3
65	2.5	175	89	46	64.5	32	96.2	145	4-26.5	77	57.15	4-6.7	12.6	120	13	13.8	3
80	3	181	95	46	78.8	32	61.23	160	8-18	77	57.15	4-6.7	12.6	127	13	13.8	3
100	4	200	114	52	104	32	70.8	180	4-24.5	92	69.85	4-10.3	15.77	156	13	17.77	5
125	5	213	127	56	123.3	32	82.28	210	4-23	92	69.85	4-10.3	18.92	190	13	20.92	5
150	6	226	139	56	155.6	32	91.08	240	4-25	92	69.85	4-10.3	18.92	212	13	20.92	5
200	8	260	175	60	202.5	45	112.89 76.35	295	4-25 4-23	115	88.9	4-14.3	22.1	268	13	24.1	5

D371X

蜗轮对夹式蝶阀

Worm gear wafer butterfly valve



DN50(2")-600(24")

◎产品概述 Product overview

适用于食品、医药、轻纺、造纸等给排水管道上起调节流量和截流介质的作用。

1、启闭方便迅速、省力灵巧、流量阻力小，可以任何位置安装，操作及维修方便。

2、结构独特，低压密封性能好。

3、密封件可以更换，密封材料耐老化，耐弱腐蚀，使用寿命长。

4、可以运送泥浆，在管道口积存液体最少。

5、调节、截流和止回性能好。

Suitable for regulating flow and intercepting medium in water supply and drainage pipelines such as food, medicine, light textile, and papermaking.

1. Convenient and fast opening and closing, labor-saving and agile, with low flow resistance, can be installed in any position, and is easy to operate and maintain.

2. Unique structure and good low-pressure sealing performance.

3. The sealing element can be replaced, and the sealing material is resistant to aging, weak corrosion, and long service life.

4. It can transport mud and store the least liquid at the pipeline mouth.

5. Good regulation, interception, and check performance.

◎主要性能规范 Main performance specification

公称压力 Nominal pressure	1.6MPa
公称尺寸 Nominal size	50-600mm
壳体试验 Shell test	2.4MPa
密封试验 Sealing test	1.76MPa
适用温度 Temperature	-10~80°C
适用介质 Applicable medium	水 Water

◎主要零部件材质 Materials of main parts

零件名称 Part name	材料 Material
阀体 Valve body	球墨铸铁 Nodular cast iron
阀座密封 Seat tightness	丁腈、乙丙、聚四氟乙烯、硅橡胶 Nitrile, ethylene propylene, polytetrafluoroethylene, silicone rubber
蝶板 Disc	不锈钢 Stainless steel
阀轴 Valve shaft	不锈钢 Stainless steel

◎主要外形尺寸和连接尺寸 Main shape size and connection size

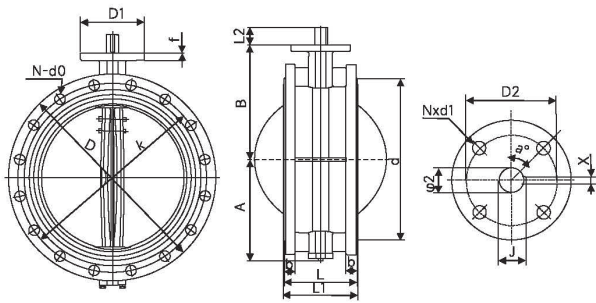
单位unit:mm

DN		A	B	C	D	L	H	D1	n-Φ	K	E	n1-Φ1	Φ2	G	f	J	X
mm	inch																
50	2	161	80	43	52.9	32	84.84	125	4-23	77	57.15	4-6.7	12.6	100	13	13.8	3
65	2.5	175	89	46	64.5	32	96.2	145	4-26.5	77	57.15	4-6.7	12.6	120	13	13.8	3
80	3	181	95	46	78.8	32	61.23	160	8-18	77	57.15	4-6.7	12.6	127	13	13.8	3
100	4	200	114	52	104	32	70.8	180	4-24.5	92	69.85	4-10.3	15.77	156	13	17.77	5
125	5	213	127	56	123.3	32	82.28	210	4-23	92	69.85	4-10.3	18.92	190	13	20.92	5
150	6	226	139	56	155.6	32	91.08	240	4-25	92	69.85	4-10.3	18.92	212	13	20.92	5
200	8	260	175	60	202.5	45	112.89 76.35	295	4-25 4-23	115	88.9	4-14.3	22.1	268	13	24.1	5
250	10	292	203	68	250.5	45	92.4	350 355	4-29	115	88.9	4-14.3	28.45	325	13	31.45	8
300	12	337	242	78	301.6	45	105.34	400 410	4-29	140	107.95	4-14.3	31.6	403	20	34.6	8
350	14	368	267	78	333.3	45	91.11	460 470	4-30	140	107.95	4-14.3	31.6	436	20	34.6	8
400	16	400	309	86 102	389.6	51.2 72	100.47 102.42	515 525	4-26 4-30	197	158.75	4-20.6	33.15	488	20	36.15	10
450	18	422	328	105 114	440.51	51.2 72	88.39 91.51	565 585	4-26 4-30	197	158.75	4-20.6	37.95	536	20	41	10
500	20	480	361	127	491.6	64.2 82	86.99 101.68	620 650	4-26 4-33	197	158.75	4-20.6	41.15	590	22	44.15	10
600	24	562	459	154	592.5	70.2 82	113.42 120.46	725 770	20-30 20-36	276	215.9	4-22.2	50.65	816	22	54.65	16

D341X

中线蝶阀

Centerline butterfly valve



◎主要性能规范 Main performance specification

公称通径 Nominal diameter	50~600mm
公称压力 Nominal pressure	1.0~1.6MPa
适用温度 Temperature	-10~80°C
适用介质 Applicable medium	淡水、污水、海水、气体等 Fresh water, sewage, seawater, gas, etc.

◎主要零部件材质 Materials of main parts

零件名称 Part name	材料 Material
阀体 Valve body	球墨铸铁 Nodular cast iron
阀板 Valve plate	球墨铸铁、不锈钢、铝合金 Ductile iron, stainless steel, aluminum alloy
阀轴 Valve shaft	碳钢、不锈钢 Carbon steel, stainless steel
阀座 Valve seat	橡胶 Rubber
密封 Seal	O型圈 O-ring

◎主要外形尺寸和连接尺寸 Main shape size and connection size

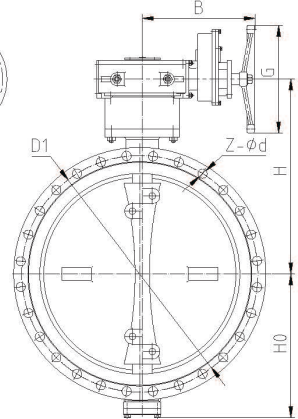
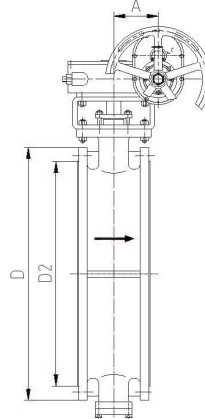
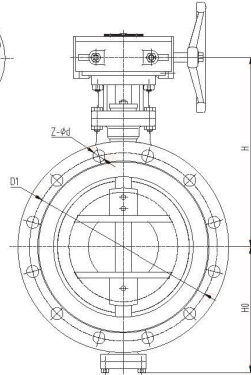
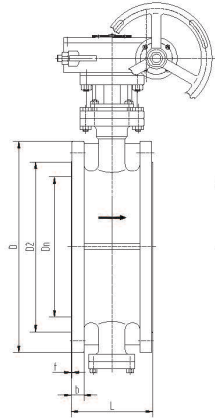
单位unit:mm

DN	A	B	b	f	D	PN1.0 K	PN1.6 K	d	F	PN1.0 NxΦd0	PN1.6 NxΦd0	L	L1	D1	D2	NxΦd1	a°	J	X	L2	Φ2
50	83	120	19	3	165	125	125	99	13	4x19	4x19	108	111	65	50	4-7	45	13.8	3	32	12.6
65	93	130	19	3	185	145	145	118	13	4x19	4x19	112	115	65	50	4-7	45	13.8	3	32	12.6
80	100	145	19	3	200	160	160	132	13	8x19	8x19	114	117	65	50	4-7	45	13.8	3	32	12.6
100	114	155	19	3	220	180	180	156	13	8x19	8x19	127	130	90	70	4-10	45	17.77	5	32	15.77
125	125	170	19	3	250	210	210	184	13	8x19	8x19	140	143	90	70	4-10	45	20.92	5	32	18.92
150	143	190	19	3	285	240	240	211	13	8x23	8x23	140	143	90	70	4-10	45	20.92	5	32	18.92
200	170	205	20	3	340	295	295	266	13	8x23	12x23	152	155	125	102	4-12	45	24.1	5	45	22.1
250	198	235	22	3	395	350	355	319	13	12x23	12x28	165	168	125	102	4-12	45	31.5	8	45	28.45
300	223	280	24.5	4	445	400	410	370	20	12x23	12x28	178	182	125	102	4-12	45	34.6	8	45	31.6
350	270	310	24.5	4	505	460	470	429	20	16x23	16x28	190	194	150	125	4-14	45	34.6	8	45	31.6
400	300	340	24.5	4	565	515	525	480	20	16x28	16x31	216	221	175	140	4-18	45	36.15	10	51	33.15
450	340	375	25.5	4	615	565	585	530	20	20x28	20x31	222	227	175	140	4-18	45	40.95	10	51	38
500	355	430	26.5	4	670	620	650	582	22	20x28	20x34	229	234	175	140	4-18	45	44.12	10	57	41.15
600	410	500	30	5	780	725	770	682	22	20x31	20x37	267	272	210	165	4-22	45	51.62	16	70	50.65

D342X

双偏心软密封蝶阀

Double Eccentric Soft Sealing Butterfly Valve



◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位unit:mm

DN	L	法兰尺寸 Flange size						外形尺寸 Overall dimensions				
		D	D1	D2	f	b	Z-φd	H0	H	A	B	G
50	108	165	125	102	2	18	4-18	82.5	195	50	144	180
65	112	185	145	122	2	18	8-18	92.5	215	50	144	180
80	114	200	160	138	2	20	8-18	100	215	50	144	180
100	127	220	180	158	2	20	8-18	110	235	50	144	180
125	140	250	210	188	2	22	8-18	125	290	63	200	300
150	140	285	240	212	2	22	8-22	180	310	63	200	300
200	152	340	295	268	2	24	12-22	202	360	63	200	300
250	165	405	355	320	2	26	12-26	235	395	80	230	350
300	178	460	410	378	2	28	12-26	265	425	80	230	350
350	190	520	470	428	2	30	16-26	305	475	125	260	400
400	216	580	525	490	2	32	16-30	335	520	125	260	400
450	222	640	585	550	2	40	20-30	365	550	125	260	400
500	229	715	650	610	2	44	20-33	405	610	125	370	400
600	267	840	770	725	2	54	20-36	445	685	160	398	500
700	292	910	840	795	2	42	24-36	520	725	200	418	600
800	318	1025	950	900	2	42	24-39	605	795	200	418	600
900	330	1125	1050	1000	2	44	28-39	655	885	263	510	700
1000	410	1255	1170	1115	2	46	28-42	715	950	263	510	700
1200	470	1485	1390	1330	2	52	32-48	840	1125	333	550	800

注：1.以上数据为常规数据，法兰尺寸按照HG/T20592。若有不同的需求，可根据需求订制。

2.受篇幅限制，未列出规格请来电详询。

3.执行器可以是电液联动、蜗轮、气动、液动、气液联动、电动、液控装置等。

Note: 1. The above data is conventional data, and the flange dimensions are in accordance with HG/T20592. If there are different needs, they can be customized according to the needs.

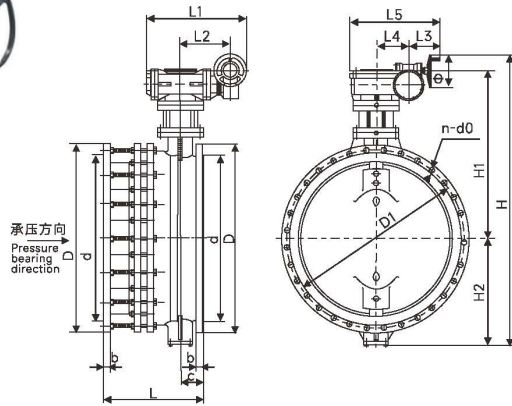
2. Due to space limitations, if specifications are not listed, please call Xiang for inquiries.

3. The actuator can be an electro-hydraulic linkage, worm gear, pneumatic, hydraulic, gas-liquid linkage, electric, hydraulic control device, etc.

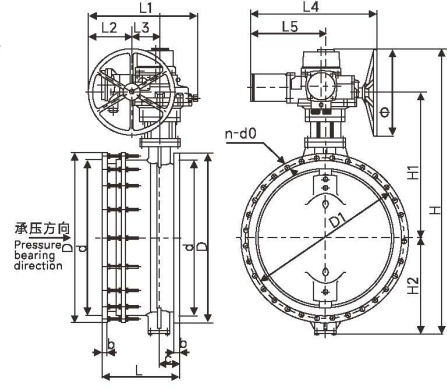
SD(3/9)42X

双偏心伸缩蝶阀

Double eccentric telescopic butterfly valve



手动型伸缩蝶阀
Manual telescopic butterfly valve



电动型伸缩蝶阀
Electric telescopic butterfly valve

◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位unit:mm

DN	手动装置 Manual device	D	D1	d	b	c	L			n-d0	4-M	H	H1	H2	L1	L2	L3	L4	L5	Φ
							L0	L _{max}	L _{min}											
300	3D-30/250	445	400	370	28	57	282	302	252	8-23	M20	959	542	542	449	178	254	104	473	300
350	3D-30/250	505	460	429	30	64	301	321	271	12-23	M20	1048	583	583	449	178	254	104	473	300
400	3D-30/250	565	515	480	32	70	313	333	283	12-28	M24	1120	620	620	449	178	254	140	473	300
450	3D-30/250	615	565	530	32	76	334	354	304	16-28	M24	1190	667	667	449	178	254	140	473	300
500	3D-30/400	670	620	582	34	76	346	366	316	16-28	M24	1280	702	702	486	196	254	130	528	300
600	3D-60/800	780	725	682	36	89	398	418	368	16-31	M27	1409	759	759	627	244	245	162	596	400
700	3D-60/800	895	840	794	40	115	425	445	395	20-31	M27	1613	885	885	627	244	245	162	596	400
800	3D-120/2500	1015	950	901	44	120	455	475	425	20-34	M30	1736	1013	1013	635	270	295	196	711	300
900	3D-120/2500	1115	1050	1001	46	120	485	505	455	24-34	M30	1860	1071	1071	635	270	295	196	711	300
1000	3D-120/2500	1230	1160	1112	50	150	495	515	465	24-37	M33	2107	1234	1234	955	455	296	295	807	300
1200	3D-120/2500	1455	1380	1328	56	175	542	562	512	28-40	M36	2326	1343	1343	955	455	296	295	807	300

◎主要外形尺寸和连接尺寸 Main shape size and connection size

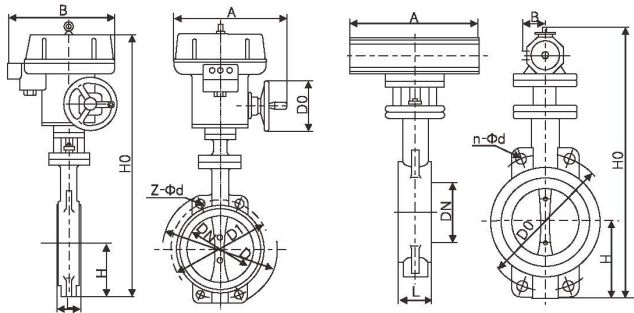
单位unit:mm

DN	电动装置 Electric device	D	D1	d	b	c	L			n-d0	4-M	H	H1	H2	L1	L2	L3	L4	L5	Φ
							L0	L _{max}	L _{min}											
300	802.250-1	445	400	370	28	57	282	302	252	8-23	M20	1008	531	267	473	148	140	625	365	500
350	802.250-1	505	460	429	30	64	301	321	271	12-23	M20	1097	572	315	473	148	140	625	365	500
400	802.250-1	565	515	480	32	70	313	333	283	12-28	M24	1169	609	350	473	148	140	625	365	500
450	802.250-1	615	565	530	32	76	334	354	304	16-28	M24	1219	636	373	473	148	140	625	365	500
500	802.500-0.5	670	620	582	34	76	346	366	316	16-28	M24	1318	680	428	473	148	140	625	365	500
600	802.500-0.5	780	725	682	36	89	398	418	368	16-31	M27	1380	720	450	473	148	140	625	365	500
700	802.1000-0.2	895	840	794	40	115	425	445	395	20-31	M27	1839	829	528	590	148	140	698	230	500
800	ZA36024-3D1500	1015	950	901	44	120	455	475	425	20-34	M30	1663	942	573	740	215	196	1028	612	305
900	ZA36024-3D1500	1115	1050	1001	46	120	485	505	455	24-34	M30	1787	1000	639	740	215	196	1028	612	305
1000	ZA36024-3D1500	1230	1160	1112	50	150	495	515	465	24-37	M33	1983	1108	723	970	310	295	1123	612	305
1200	ZA312024-3D2500	1455	1380	1328	56	175	542	562	512	28-40	M36	2202	1217	833	970	310	295	1123	612	305

D6/971X

气动/电动对夹式蝶阀

Pneumatic/electric wafer butterfly valve



◎主要性能规范 Main performance specification

法兰连接 Flange connection	GB/T8527、GB9113也可由用户指定 GB/T8527 and GB9113 can also be specified by the user
结构长度 Structure length	GB/12221
压力测试 Stress testing	GB/T13927; JB/T9092
适用介质 Applicable medium	淡水、污水、海水、空气、蒸汽、食品、药品、各种油类、酸类、碱类、盐类等。 Fresh water, sewage, seawater, air, steam, food, Drugs, various oils, acids, alkalis, salts, etc.

◎主要零部件材质 Materials of main parts

零件名称 Part name	材料 Material
阀体 Valve body	球墨铸铁 Nodular cast iron
蝶板 Disc	球墨铸铁(表面镀硬铬)、铜合金、不锈钢 Ductile iron (surface plated with hard chromium), copper alloy, stainless steel
阀座密封 Seat tightness	酚醛树脂或铝合金衬丁腈橡胶、乙丙橡胶、氟橡胶 Phenolic resin or aluminum alloy lined with nitrile rubber, ethylene propylene rubber, fluorine rubber
衬套 Bush	铜合金或铜背烧结四氟 Copper alloy or copper backed sintered tetrafluoroethylene

◎主要外形尺寸和连接尺寸(气动) Main shape size and connection size(pneumatic)

单位unit:mm

DN	L	D1	D	Z-Φd	H	H0	A	B	D0
50	43	125	165	4-18	63	438	125	125	80
65	46	145	185	4-18	70	453	125	125	80
80	46	160	200	8-18	83	478	125	125	80
100	52	180	220	8-18	105	519	125	125	80
125	56	210	250	8-18	115	713	325	245	150
150	56	240	285	8-22	137	749	325	245	150
200	60	295	340	8-22	164	843	325	245	150
250	68	350	395	12-22	206	947	363	313	200
300	78	400	445	12-22	230	1013	363	313	200
350	78	460	505	16-22	248	1046	363	313	250
400	102	515	565	16-26	289	1135	363	313	250

◎主要外形尺寸和连接尺寸(电动) Main shape size and connection size(electric)

单位unit:mm

DN	L	H	H0	A	B	0.6MPa		1.0MPa		1.6MPa	
						D0	n-Φd	D0	n-Φd	D0	n-Φd
50	43	63	315	180	65	110	4-14	125	4-18	125	4-18
65	46	70	330	180	65	130	4-14	145	4-18	145	4-18
80	46	83	390	245	72	150	4-18	160	8-18	160	8-18
100	52	105	431	240	72	170	4-18	180	8-18	180	8-18
125	56	115	455	240	72	200	8-18	210	8-18	210	8-18
150	56	137	656	350	93	225	8-18	240	8-22	240	8-22
200	60	164	720	350	93	280	8-18	295	8-22	295	12-22
250	68	206	800	550	350	335	12-18	350	12-22	355	12-26
300	78	230	860	600	350	395	12-22	400	12-22	410	12-26
350	78	248	883	600	350	445	12-22	460	16-22	470	16-26
400	102	289	972	600	350	495	16-22	515	16-26	525	16-30

D9/641/2/3X

电动/气动法兰蝶阀

Electric/pneumatic flange butterfly valve

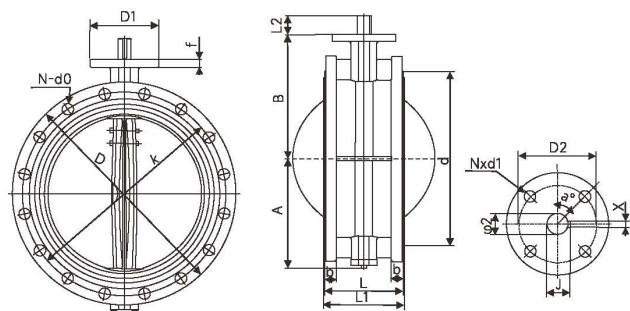


◎主要性能规范 Main performance specification

公称通径 Nominal diameter	50~1200mm
公称压力 Nominal pressure	1.0~1.6MPa
适用介质 Applicable medium	净水、污水 Clean water and sewage
适用温度 Temperature	-10~80 °C

◎主要零部件材质 Materials of main parts

零件名称 Part name	材料 Material
阀体 Valve body	球墨铸铁 Nodular cast iron
阀板 Valve plate	球墨铸铁、不锈钢、铝合金 Ductile iron, stainless steel, aluminum alloy
阀轴 Valve shaft	碳钢、不锈钢 Carbon steel, stainless steel
阀座 Valve seat	橡胶 Rubber
密封 Seal	O型圈 O-ring



◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位unit:mm

DN	A	B	b	f	D	PN1.0 K	PN1.6 K	d	F	PN1.0 NxΦd0	PN1.6 NxΦd0	L	L1	D1	D2	NxΦd1	a°	J	X	L2	Φ2
50	83	120	19	3	165	125	125	99	13	4x19	4x19	108	111	65	50	4-7	45	13.8	3	32	12.6
65	93	130	19	3	185	145	145	118	13	4x19	4x19	112	115	65	50	4-7	45	13.8	3	32	12.6
80	100	145	19	3	200	160	160	132	13	8x19	8x19	114	117	65	50	4-7	45	13.8	3	32	12.6
100	114	155	19	3	220	180	180	156	13	8x19	8x19	127	130	90	70	4-10	45	17.77	5	32	15.77
125	125	170	19	3	250	210	210	184	13	8x19	8x19	140	143	90	70	4-10	45	20.92	5	32	18.92
150	143	190	19	3	285	240	240	211	13	8x23	8x23	140	143	90	70	4-10	45	20.92	5	32	18.92
200	170	205	20	3	340	295	295	266	13	8x23	12x23	152	155	125	102	4-12	45	24.1	5	45	22.1
250	198	235	22	3	395	350	355	319	13	12x23	12x28	165	168	125	102	4-12	45	31.5	8	45	28.45
300	223	280	24.5	4	445	400	410	370	20	12x23	12x28	178	182	125	102	4-12	45	34.6	8	45	31.6
350	270	310	24.5	4	505	460	470	429	20	16x23	16x28	190	194	150	125	4-14	45	34.6	8	45	31.6
400	300	340	24.5	4	565	515	525	480	20	16x28	16x31	216	221	175	140	4-18	45	36.15	10	51	33.15
450	340	375	25.5	4	615	565	585	530	20	20x28	20x31	222	227	175	140	4-18	45	40.95	10	51	38
500	355	430	26.5	4	670	620	650	582	22	20x28	20x34	229	234	175	140	4-18	45	44.12	10	57	41.15
600	410	500	30	5	780	725	770	682	22	20x31	20x37	267	272	210	165	4-22	45	51.62	16	70	50.65
700	478	560	32.5	5	895	840	840	794	30	24x31	24x37	292	299	300	254	8-18	22.5	71.35	18	66	63.36
800	529	620	35	5	1015	950	950	901	30	24x34	24x41	318	325	300	254	8-18	22.5	71.35	18	66	63.36
900	584	665	37.5	5	1115	1050	1050	1001	34	28x34	28x41	330	337	300	254	8-18	22.5	84	20	118	75
1000	657	735	40	5	1235	1160	1170	1112	34	28x37	28x44	410	417	300	254	8-18	22.5	95	22	142	85
1200	799	917	45	5	1455	1380	1380	1328	34	32x40	32x50	470	478	350	298	8-22	22.5	117	28	150	105



中国平安
PINGAN



Coliter® 柯立特

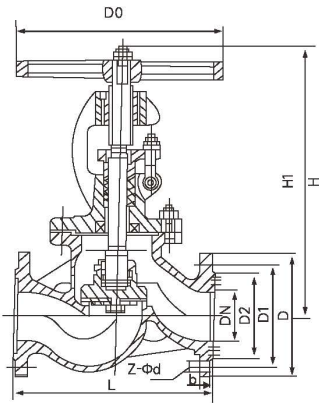
Globe/ Check valve series

截止阀/止回阀系列



J41T

截止阀
Globe valve



◎产品概述 Product overview

本阀适用于公称压力 $\leq 1.6\text{MPa}$ 的管路上作启闭用。

This valve is suitable for opening and closing on pipelines with a nominal pressure $\leq 1.6\text{MPa}$.

◎主要性能规范 Main performance specification

公称压力 Nominal pressure	试验压力 Test pressure		适用温度 Temperature	适用介质 Applicable medium
	强度(水) Strength (water)	密封(水) Sealing (water)		
1.6MPa	2.4MPa	1.76MPa	-10~80°C	水、蒸汽、油类 Water, steam, oil

◎主要零部件材质 Materials of main parts

零件名称 Part name	材料 Material	
阀体、阀盖 Valve body, valve cover	QT450	
阀瓣 Valve flap	黄铜 Brass	
密封垫圈 Sealing washer	黄铜 Brass	聚四氟乙烯 PTEF
阀杆 Valve stem	不锈钢、碳钢 Stainless steel, carbon steel	

◎主要外形尺寸和连接尺寸 Main shape size and connection size

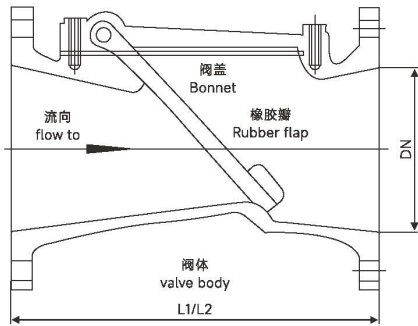
单位unit:mm

DN	L	D	D1	D2	Z-φd	H	D0	b-f
50	230	160	125	100	4-18	194	108	19-2
65	290	180	140	120	4-18	209	158	19-2
80	310	195	160	135	8-18	338	220	21-2
100	350	215	180	155	8-18	368	220	23-2
125	400	245	210	185	8-18	442	240	25-2
150	480	280	240	210	8-23	465	280	27-2
200	600	335	295	265	12-23	508	400	29-2
250	650	405	355	320	12-25	630	400	31-2
300	698	460	410	375	12-25	833	600	34-3

H44X(SFCV)

橡胶瓣止回阀

Rubber valve check valve



产品概述 Product overview

橡胶瓣止回阀主要由阀体、阀盖、阀瓣组成，其中橡胶瓣由钢板作承压件及强化尼龙布做衬底，外层采用热硫化整体包胶技术制成，阀瓣开关灵活，无卡阻，使用寿命长。

该阀采用流线型设计，具有水头损失小，不易堆积杂物，维修简便等特性。

The rubber flap check valve is mainly composed of the valve body, valve cover and valve flap. The rubber flap is made of steel plate as the pressure bearing part and reinforced nylon cloth as the substrate. The outer layer is made of heat vulcanized overall rubber coating technology. The valve flap is flexible in opening and closing, free of jamming, and has a long service life.

The valve adopts streamline design, with the characteristics of small head loss, not easy to accumulate debris, simple maintenance, etc.

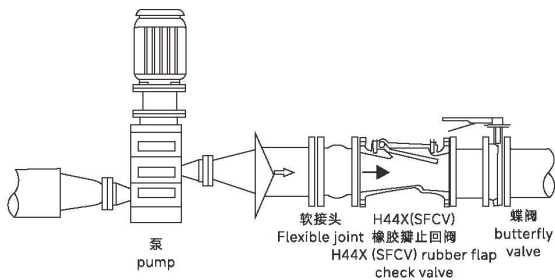
执行标准 Performance Standard

设计标准 Design Standards	GB/T13932
结构长度标准 Structure Length Standard	GB/T12221
法兰标准 Flange Standard	GB/T17241.6、GB/T9124.1
试验标准 Test Standard	GB/T13927

主要性能规范 Main performance specification

公称压力PN Nominal pressure	1.0	1.6	2.5	MPa
壳体试验压力 shell test pressure	1.5	2.4	3.75	
密封试验压力 Seal test pressure	1.1	1.76	2.75	
工作温度 Operating temperature	≤80°C			
适用介质 Applicable media	水、油品等 Water, oil, etc.			

安装示意图 Installation diagram



主要零部件材质 Material Of Main Parts

阀体 valve body	球墨铸铁、铸钢、不锈钢 Ductile iron, cast steel, stainless steel
阀盖 cap	球墨铸铁、铸钢、不锈钢 Ductile iron, cast steel, stainless steel
阀杆 stem	2Cr13、F304
阀瓣 Disc	Q235A+NBR
密封件 Seals	NBR
螺栓、螺母 Bolts and nuts	A2-70

主要外形尺寸和连接尺寸 Main shape size and connection size

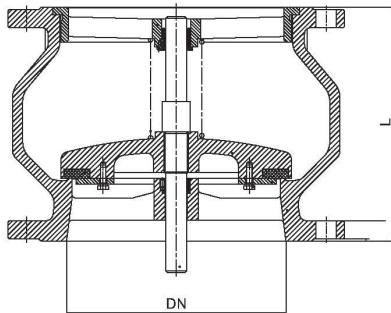
单位unit:mm

DN	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	900	1000
L1	203	216	241	292	330	355	457	533	610	686	762	864	914	1067	1150	1300	1420	1530
L2	203	216	241	292	330	356	495	622	698	787	864	914	978	1295	1448	1448	-	-

HC41X

节能消声止回阀

Energy-saving silence check valve



◎产品概述 Product overview

该阀用于供水系统中防止管路中的液体从相反方向流动的一种自动阀门，可有效地防止普通止回阀液体倒流时产生的水锤和噪音，具有消声关闭的特点，从而延长使用寿命，是止回阀更新换代的产品。

This valve is an automatic valve used in the water supply system to prevent the liquid in the pipeline from flowing in the opposite direction. It can effectively prevent the water hammer and noise caused by the backflow of the liquid in the ordinary check valve. The service life is the replacement product of the check valve.

◎执行标准 Performance Standard

设计标准 Design Standards	GB/T21387
结构长度标准 Structure Length Standard	企业标准 Enterprise standard
法兰标准 Flange Standard	GB/T9124.1、GB/T17241.6
试验标准 Test Standard	GB/T13927

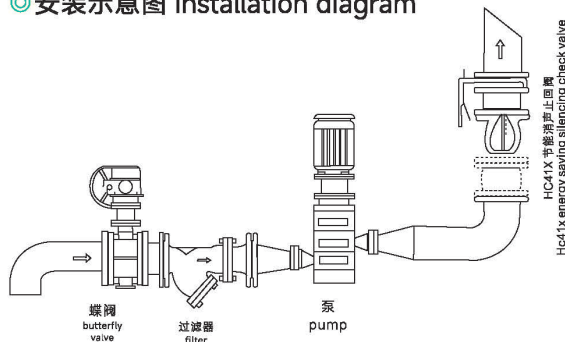
◎主要性能规范 Main performance specification

公称压力PN Nominal pressure	1.0	1.6	2.5	MPa
壳体试验压力 shell test pressure	1.5	2.4	3.75	
密封试验压力 Seal test pressure	1.1	1.76	2.75	
工作温度 Operating temperature	≤80°C			
适用介质 Applicable media	水、油品等 Water, oil, etc.			

◎主要零部件材质 Material Of Main Parts

阀体 Valve Body	球墨铸铁、铸钢、不锈钢 Ductile iron, cast steel, stainless steel
O型密封圈 O-ring	NBR
阀座 Valve Seat	球墨铸铁、铸钢、不锈钢 Ductile iron, cast steel, stainless steel
O型密封圈 O-ring	NBR
阀瓣 Disc	球墨铸铁、铸钢、不锈钢 Ductile iron, cast steel, stainless steel
阀杆 Stem	2Cr13、F304
弹簧 Spring	06Cr19Ni10
轴承 Bearing	铜合金 copper alloy

◎安装示意图 Installation diagram



◎主要外形尺寸和连接尺寸 Main shape size and connection size

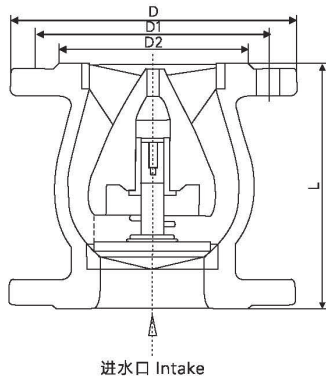
单位unit:mm

DN	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700
L	112	120	130	150	165	190	210	255	310	320	380	405	430	450	510	610

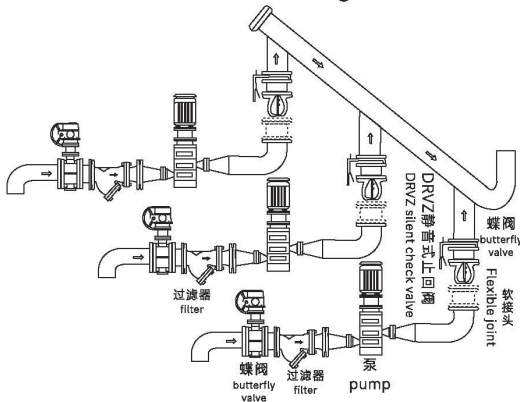
HC42X/DRVZ

静音式止回阀

Silent check valve



安装示意图 Installation diagram



产品概述 Product overview

该产品是我公司工程技术人员参照国内外同类型先进产品而设计的，内部流道采用流线型设计并设有导流体，使流体阻力大大减少。该阀主要用于水泵出口或其他防止介质倒流的地方，可有效防止普通止回阀介质倒流时产生的水锤冲击和噪音，从而延长了使用寿命。且采用多元密封结构：金属与橡胶相结合、阀座密封面采用锥面密封，在中、低压条件下关闭严密，无泄漏，克服了一般止回阀密封性能差的缺点，欢迎选购！

This product is designed by our engineers and technicians with reference to advanced products of the same type at home and abroad. The internal flow passage is streamlined and equipped with fluid guide, which greatly reduces the fluid resistance. The valve is mainly used at the outlet of the water pump or other places to prevent the backflow of the medium, which can effectively prevent the water hammer impact and noise generated when the medium of the ordinary check valve backflows, thus extending the service life. Multi element sealing structure is adopted: metal and rubber are combined, and the sealing surface of the valve seat is sealed with a cone, which can be closed tightly under medium and low pressure conditions without leakage, overcoming the shortcomings of poor sealing performance of general check valves. Welcome to purchase!

执行标准 Performance Standard

设计标准 Design Standards	GB/T21387
结构长度标准 Structure Length Standard	GB/T21387
法兰标准 Flange Standard	GB/T9124.1、GB/T17241.6
试验标准 Test Standard	GB/T13927

主要性能规范 Main performance specification

公称压力PN Nominal pressure	1.0	1.6	2.5	MPa
壳体试验压力 shell test pressure	1.5	2.4	3.75	
密封试验压力 Seal test pressure	1.1	1.76	2.75	
工作温度 Operating temperature	≤80°C			
适用介质 Applicable media	水、油品等 Water, oil, etc.			

主要零部件材质 Material Of Main Parts

阀体 valve body	球墨铸铁、铸钢、不锈钢 Ductile iron, cast steel, stainless steel
阀瓣 Disc	WCB、CF8+NBR、EPDM
阀杆 stem	2Cr13、F304
弹簧 spring	06Cr19Ni10
导流体 Conductor	球墨铸铁、铸钢、不锈钢 Ductile iron, cast steel, stainless steel

主要外形尺寸和连接尺寸 Main shape size and connection size

单位unit:mm

DN	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	900
L	120	150	180	240	300	350	450	500	550	575	600	650	700	800	980	1120	1300



Filter/ balance valve series

过滤器/平衡阀系列



GL41H

Y型过滤器

Y-shaped filter



◎产品概述 Product overview

该产品是各种管道系统中不可缺少的辅助元件，主要作用是过滤介质中的杂质，保护管路上的设备及配件免受损失和堵塞等情况的发生，还有提高产品纯度，净化气体等功能。当流体进入置有一定规格滤网的滤筒后，其杂质被阻挡，而清洁的滤液则由过滤器出口排出，当需要清洗时，只要将可拆卸的滤筒取出，处理后重新装入即可，另外，过滤器的过滤网内件可以更换，而且Y型过滤器具备体积小、滤眼细、阻力小、效率高、安装检修方便、成本低、能满足各种管路需求等特点。

The product is an indispensable auxiliary component in various pipeline systems. Its main function is to filter the impurities in the medium, protect the equipment and accessories on the pipeline from loss and blockage, and improve the purity of the product and purify the gas. When the fluid enters the filter cartridge with a certain specification of filter screen, its impurities are blocked, and the clean filtrate is discharged from the filter outlet. When cleaning is needed, just take out the detachable filter cartridge and reinstall it after treatment. In addition, the filter screen internals of the filter can be replaced, and the Y-type filter has the advantages of small volume, fine filter hole, low resistance, high efficiency, convenient installation and maintenance, low cost. It can meet the needs of various pipelines.

◎产品特点 Product features

- 1、结构简单、先进,易损件滤芯，采用高强度304不锈钢，通水网为18-30目，排污阻力小，排污方便。
- 2、可根据用户需要设置过滤网目数。
- 3、耐腐蚀密封圈采用丁腈橡胶,密封性能可靠。

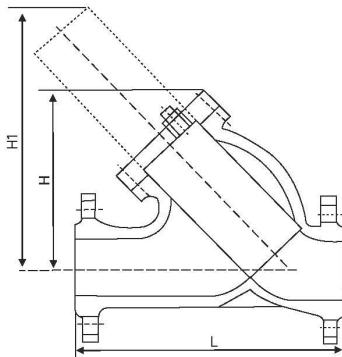
1. The structure is simple and advanced. The filter element of vulnerable parts adopts high-strength 304 stainless steel, and the water network is 18-30 mesh. The sewage discharge resistance is small and the sewage discharge is convenient.
2. The number of filter screens can be set according to user needs.
3. The corrosion-resistant sealing ring adopts nitrile rubber, with reliable sealing performance.

◎主要性能规范 Main performance specification

公称直径 Nominal diameter	DN15~600mm
适用温度 proper temperature	≤80°C
执行标准 Executive standards	GB/T 13927

◎主要零部件材质 Materials of main parts

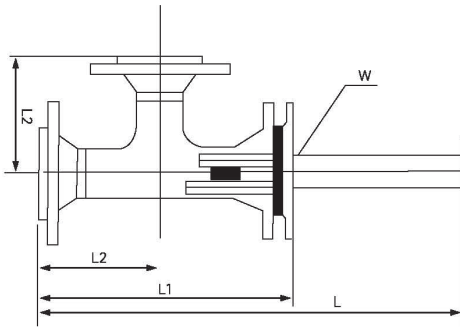
零件名称 Part name	材料 Material Science
阀体 Valve body	球墨铸铁、不锈钢 Ductile iron, stainless steel
阀盖 Valve cover	球墨铸铁、不锈钢 Ductile iron, stainless steel
垫片 Shim	丁腈橡胶 Nitrile rubber
滤网 Strainer	不锈钢 Stainless steel



◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位unit:mm

DN	L		H		H1	
	螺纹 thread	法兰 flange	螺纹 thread	法兰 flange	螺纹 thread	法兰 flange
15	90	110	75	73	105	103
20	100	120	85	88	123	127
25	110	120	95	93	140	137
32	130	160	102	100	152	148
40	160	170	117	115	170	168
50	190	180	140	155	174	195
65	-	200	-	198	-	270
80	-	238	-	210	-	295
100	-	273	-	250	-	344
125	-	300	-	305	-	422
150	-	340	-	358	-	485
200	-	415	-	450	-	602
250	-	475	-	503	-	710
300	-	520	-	578	-	815
350	-	630	-	598	-	844
400	-	680	-	618	-	872
450	-	780	-	693	-	978
500	-	850	-	765	-	1080
600	-	1035	-	-	-	-



◎产品概述Product overview

广泛用于蒸汽、空气、水、油品等系统管道中，保护各种计量仪器、泵机、阀门、疏水器等设备。

Widely used in steam, air, water, oil and other system pipelines to protect various measuring instruments, pumps, valves, traps and other equipment.

◎主要零部件材质 Materials of main parts

主要材料 Main materials	球墨铸铁 Nodular cast iron
工作压力PN Working pressure PN	≤1.6MPa
工作温度 Operation temperature	-10~80℃
适用介质 Applicable Medium	无腐蚀性流体 Inert fluid

◎主要外形尺寸和连接尺寸 Main shape size and connection size

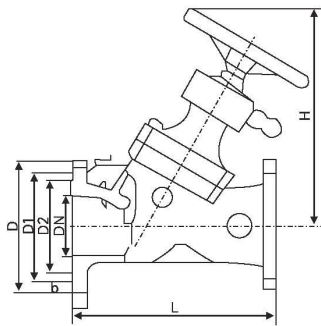
单位unit:mm

DN	PN1.0-4.0			PN5.0-10.0			W(in)
	L1	~L	L2	L1	~L	L2	
50	277	457	128	292	472	134	R1/2
65	316	530	146	331	545	152	R1/2
80	337.5	568	156	360.5	591	165	R1/2
100	388	648	181	416	676	191	R3/4
150	491.5	842	232	521	871	241	R3/4
200	591	1031	280	621.5	1062	289	R3/4
250	668.5	1169	318	716	1216	333	R3/4
300	768	1370	368	821	1421	384	R3/4
350	847	1585	406	898	1650	422	R3/4
400	901	1690	432	960	1765	451	R3/4

SP45F

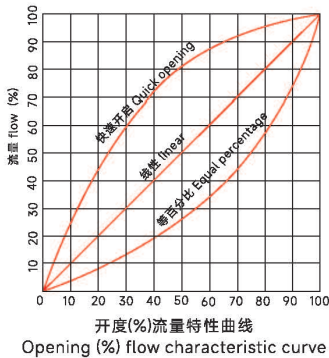
数字锁定平衡阀

Digital lock balance valve



SP45F-10 型 type
16

主阀流量曲线 Main valve flow curve



主要外形尺寸和连接尺寸 Main shape size and connection size

单位 unit: mm

DN	L	H	D	D1	D2	Z-Φd
32	180	230	-	-	-	-
40	200	242	-	-	-	-
50	230	250	160	125	100	4-18
65	290	260	180	145	120	4-18
80	310	329	195	160	135	8-18
100	350	340	215	180	155	8-18
125	400	424	245	210	185	8-18
150	480	454	280	240	210	8-23
200	550	517	335	295	265	12-23
250	622	573	405	355	320	12-25
300	680	617	460	410	375	12-25
350	787	705	520	470	435	16-25

产品概述 Product overview

该产品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，可直观调到任一位置，并可锁定。

该阀主要应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，用它可以准确的调节压降和流量，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。

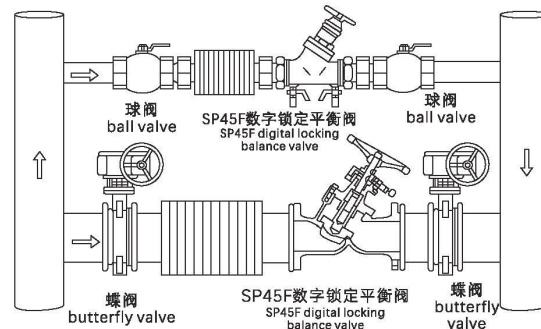
在双管网工程改造中，应用此阀门仍可节约能源，得到较好的效果。

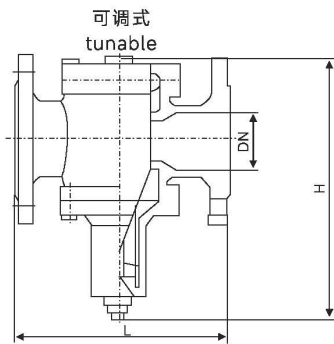
The product is applicable to various liquid pipeline systems and is an ideal new energy-saving valve. The valve is equipped with digital display of scale, which can be intuitively adjusted to any position and can be locked.

The valve is mainly used in the heating pipeline system of industrial and civil buildings. At present, there is a problem of hydraulic imbalance in some pipe network systems. The balance valve provides a means to solve this problem. It can accurately adjust the pressure drop and flow to improve the liquid flow in the pipe network system, so as to achieve the purpose of pipe network liquid balance and energy saving.

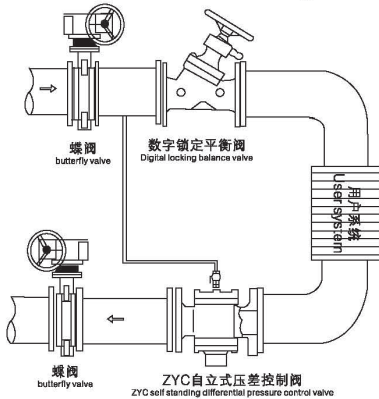
In the reconstruction of double pipe network project, the application of this valve can still save energy and achieve good results.

安装示意图 Installation diagram





安装示意图 Installation diagram



产品概述 Product Overview

该产品是用开闭式水循环系统(如热水供暖系统、空调冷冻水系统等)的一种自力式调节阀,它的作用是被控环路出现外扰(网路的压力波动)和内扰(内部阻力的改变)时,使被控环路的压差保持恒定,适用于供暖方式采用双管系统的压差控制,保证系统稳定,降低噪音,平衡阻力,消防热网和水力失调。无论是网路压力出现波动,还是被控环路内部的阻力发生变化,ZYC型自力式压差控制阀均可维持施加与被控环路的压差恒定。

This product is a self operated regulating valve of open and closed water circulation system (such as hot water heating system, air conditioning chilled water system, etc.). Its function is to keep the pressure difference of the controlled loop constant when there is external disturbance (pressure fluctuation of the network) and internal disturbance (change of internal resistance) in the controlled loop. It is suitable for heating mode. The pressure difference control of double pipe system is adopted to ensure the stability of the system, reduce noise, balance resistance, fire heating network and hydraulic imbalance. Whether the network pressure fluctuates or the resistance inside the controlled loop changes, ZYC self-supporting differential pressure control valve can maintain the constant differential pressure applied to the controlled loop.

执行标准 Performance Standard

设计标准 Design Standards	GB/T21387、API 6D
结构长度标准 Structure Length Standard	GB/T21387、API 6D
法兰标准 Flange Standard	GB/T9124.1、HG/T20592、ASME B16.5、ASME B16.47
试验标准 Test Standard	GB/T21387、API 6D

主要性能规范 Main performance specification

公称压力 Nominal pressure	1.6Mpa
公称口径 Nominal diameter	15-125mm
适用介质 Applicable medium	水、油等非腐蚀性液体 Non-corrosive liquids such as water and oil
适用温度 proper temperature	0-100°C
压差控制范围 Differential pressure control range	定压差型 10KPa、20KPa、30KPa Differential pressure type 10KPa, 20KPa, 30KPa

主要零部件材质 Materials of main parts

零件名称 Part Name	材料 material
阀体 Valve body	灰铸铁、铸钢 Gray cast iron, cast steel
阀杆 Stem	不锈钢 stainless steel
阀瓣 Disc	铸铜 Cast copper
膜片 Diaphragm	丁腈橡胶 Nitrile rubber

主要外形尺寸和连接尺寸 Main shape size and connection size

单位unit:mm

DN	连接方式 Connection mode	L(mm)	尺寸(mm) size		流量 flow m ³ /h	适用介质 Applicable media	介质温度 Medium temperature	主要零件材料 Materials of main parts
			定压差型 Constant differential pressure type	可调压差型 Adjustable differential pressure type				
15	螺纹法兰 Threaded flange	110	95	145	0.2-1	水 water	0-100°C	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 the lower cover is cast iron the valve core is copper diaphragm Nylon reinforced rubber the spring is stainless steel
20		110	150	0.5-1.5				
25		115	165	0.5-2				
32		130	190	1-4				
40		200	340	1.5-6				
50		215	355	2-8				
65		230	390	3-12				
80		275	500	5-20				
100		290	550	10-30				
125		310	580	15-45				
150		350	-	-				
200		430	-	-				
250		520	-	-				
300		637	728	-	-			



中国平安
PINGAN



Coliter® 柯立特

Exhaust/ sludge valve series

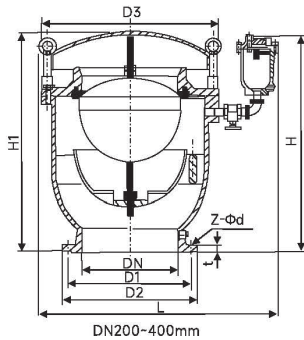
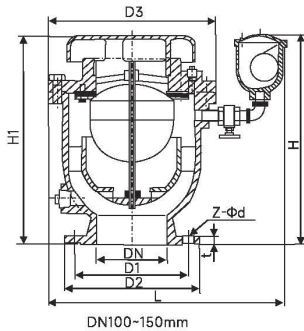
排气阀/排泥阀系列



CARX1.0

复合式排气阀

Compound exhaust valve



产品概述 Product overview

该产品适于装在泵浦出水口或送配水管线中。用以排除管线中大量集结的空气,或于管线较高处集结的微量空排放至大气中,以提高管线及油压机使用效率,且于管内一旦有负压产生时,本阀迅速吸入外界空气,以保护管线因负压所产生的损坏现象。

The product is suitable for installation in the pump outlet or water supply and distribution pipeline. It is used to remove a large amount of air accumulated in the pipeline, or a small amount of air accumulated at a higher place of the pipeline is discharged into the atmosphere, so as to improve the service efficiency of the pipeline and oil-water machine. Once there is negative pressure in the pipeline, the valve quickly sucks in the external air to protect the pipeline from damage caused by negative pressure.

执行标准 Performance Standard

设计标准 Design Standards	GB/T 17241.6 GB/T 9113
试验标准 Test Standard	GB/T 13927 API598

主要性能规范 Main performance specification

公称压力 Nominal pressure	1.0~1.6MPa
公称通径 Nominal diameter	DN50~200mm为法兰连接 Flange connection DN25~32mm为螺纹连接 Thread connection
适用介质 Applicable medium	水、油等非腐蚀性液体 Water, oil and other non corrosive liquids
适用温度 Applicable temperature	0~100°C

主要零部件材质 Materials of main parts

零件名称 Part name	材料 Material
阀体 valve body	球墨铸铁 Ductile iron
阀盖 Valve cover	球墨铸铁 Ductile iron
防护网、浮球 Protective net, floating ball	不锈钢 stainless steel
密封圈 seal ring	橡胶 rubber

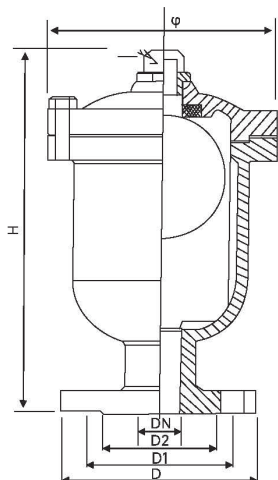
主要外形尺寸和连接尺寸 Main shape size and connection size

单位unit:mm

DN	PN(MPa)	D1	D2	t	Z-φd	H	H1	L	D3
100	1.0	180	220	19	8-19	412.7	398	425	Φ280
	1.6	180	220	19	8-19				
150	1.0	240	285	19	8-23	446.5	444.5	505	Φ356
	1.6	240	285	19	8-23				
200	1.0	295	340	20	8-23	563	546	581	Φ446
	1.6	295	340	20	12-23				
250	1.0	350	395	22	12-23	755	685	800	Φ500
	1.6	355	405	22	12-28				
300	1.0	400	445	24.5	12-23	870	790	905	Φ605
	1.6	410	460	24.5	12-28				
400	1.0	515	565	24.5	16-28	893	935	991	Φ740
	1.6	525	580	28	16-31				

QB1

单口法兰排气阀
Single port flange exhaust valve



◎产品概述 Product overview

QB1单口排气阀为圆通式阀体，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 $\leq 80^{\circ}\text{C}$ 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路上，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。

The QB1 single port exhaust valve is a circular body with a stainless steel floating ball as its internal structure. This valve is divided into two types: threaded and flanged.

QB1 type is suitable for pipelines with a working temperature of $\leq 80^{\circ}\text{C}$, as a device for removing gas from the pipeline.

The QB2 exhaust valve mainly consists of a valve body, a valve disc, a valve cover, a valve stem, a floating ball, etc. This valve is suitable for pipelines with water as the medium, and serves as a device for removing gas from the pipeline to improve the efficiency of water transmission equipment and protect the pipeline from deformation and rupture. It is an essential equipment for pipelines.

◎主要性能规范 Main performance specification

公称通径 Nominal diameter	20-50mm
公称压力 Nominal pressure	0.6-2.5MPa
适用温度 Applicable temperature	-10-80°C
标准 Standard	国标 National standard
材质 Material quality	球墨铸铁 Nodular cast iron

◎主要外形尺寸和连接尺寸 Main shape size and connection size

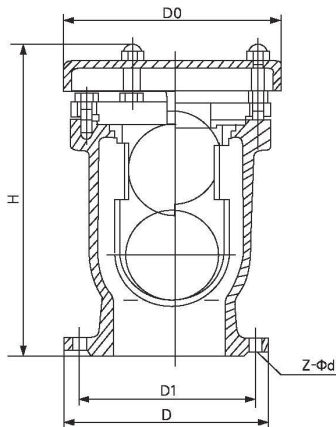
单位unit:mm

DN	D	D1	Φ	H
20	105	75	135	205
25	115	85	135	205
40	145	115	150	205
50	160	125	150	205

KB1

单口快速排气阀

Single port quick exhaust valve



产品概述 Product overview

本阀安装于工作介质为水的管路上，用于排除出送水管中存余空气，以提高输送水的效率和保护管道不致变形破裂，是管道的必备之附件。

This valve is installed on a pipeline with a working medium of water, used to remove residual air from the water supply pipe, improve the efficiency of water delivery, and protect the pipeline from deformation and rupture. It is an essential accessory of the pipeline.

产品特点 Product features

能够排除管道中的气体、减少阻力，节约能源。

当管道负压时，本产品能快速自动吸气，防止管道破裂。

浮球为不锈钢，使用寿命长，安全可靠。

Able to eliminate gas in pipelines, reduce resistance, and save energy.

When the pipeline is under negative pressure, this product can quickly and automatically inhale to prevent pipeline rupture.

The floating ball is made of stainless steel, with a long service life and safety and reliability.

主要性能规范 Main performance specification

适用介质 Applicable medium	清水 Clean water
适用温度 proper temperature	-10~80°C
阀体 Valve body	球墨铸铁 Nodular cast iron
浮球 Floating ball	不锈钢 Stainless steel

主要外形尺寸和连接尺寸 Main shape size and connection size

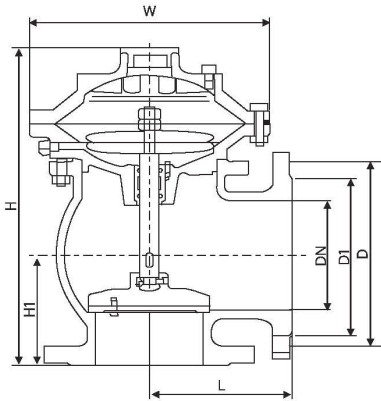
单位unit:mm

DN	H	D0	D	D1	Z-φd
25	240	185	115	85	4-14
50	250	210	160	125	4-14
80	335	250	195	160	4-18
100	335	250	215	180	8-18
150	435	320	280	240	8-23
200	475	380	335	295	8-23

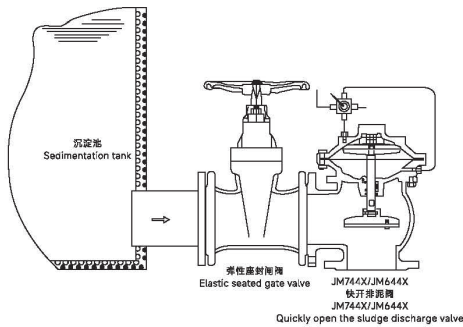
JM744X/JM644X

快开排泥阀

Quick opening mud valve



安装示意图 Installation diagram



产品概述 Product overview

该产品是一种由液压源或气动源执行机构的角型截断类阀门。通常成排安装在沉淀池底部外侧壁，用以排除池底沉淀的泥砂和污物。该阀由尼龙强化橡胶隔膜将阀门分为两个腔室，接通液压或气动源，采用电动或手动二位四通换向阀控制，实现快速排泥。该阀将隔膜代替活塞，无运动摩擦，更适用于泥浆等颗粒介质，大大提高了阀门的使用寿命。

The product is an angle cut-off valve with hydraulic source or pneumatic source actuator. It is usually installed in rows on the outer wall of the bottom of the sedimentation tank to remove the sediment and dirt at the bottom of the tank. The valve is divided into two chambers by nylon reinforced rubber diaphragm, connected with hydraulic or pneumatic source, and controlled by electric or manual two position four-way directional valve to realize rapid sludge discharge. The valve replaces the piston with diaphragm and has no moving friction. It is more suitable for granular media such as mud and greatly improves the service life of the valve.

执行标准 Executive standard

设计标准 Design Standards	GB/T 17241.6 GB/T 9113
试验标准 Test Standard	GB/T 13927 API598

主要性能规范 Main performance specification

公称压力 Nominal pressure	0.6MPa、1.0MPa
公称通径 Nominal diameter	80~400mm
最低驱动压力 Minimum driving pressure	0.15MPa
适用介质 Applicable medium	水、污水 Water and sewage
适用温度 proper temperature	0~80°C
法兰标准 Flange standard	GB/T17241.6 GB/T9113
试验标准 Test Standard	GB/T13927 API598

主要零部件材质 Materials of main parts

零件名称 Part name	材料 Material Science
阀体、阀盖 Valve body and bonnet	铸铁、球铁、碳钢 Cast iron, ductile iron, carbon steel
膜片压板、阀盘 Diaphragm pressure plate and valve disc	球铁、青铜 Ductile iron, bronze
阀杆、弹簧 Valve rod, spring	不锈钢 stainless steel
膜片 diaphragm	尼龙强化橡胶 Nylon reinforced rubber
拼帽 Spell hat	A3钢 A3 steel

主要外形尺寸和连接尺寸 Main shape size and connection size

单位unit:mm

DN	L	H	H1	D	D1	W	接管螺纹 G Pige Tread
80	135	480	125	195	160	210	2/1"
100	145	500	125	215	180	240	2/1"
150	175	620	145	280	240	315	2/1"
200	225	735	185	335	295	400	2/1"
250	260	805	205	390	350	460	2/1"
300	280	940	245	440	400	555	3/4"
350	305	1100	270	-	-	-	3/4"
400	340	1200	310	-	-	-	1"

JM744X/JM644X

液压、气动角式快开排泥阀

Hydraulic and pneumatic angle quick opening mud discharging valve



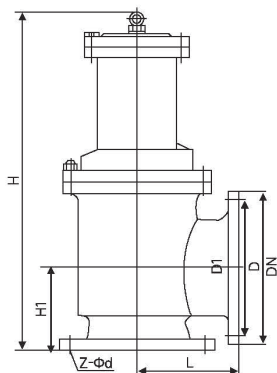
产品概述 Product overview

该产品采用双腔隔膜传动机构替代活塞式机构，无运动磨损，寿命长。膜片内部采用折叠形复合材料，大大提高了膜片的伸长率，延长了膜片的使用寿命，在阀门启闭过程中，不容易被拉断，而且能承受更高的压力。采用电动二位四通换向阀或手动二位四通或向阀集中控制，操作方便，阀门启闭灵活。此阀主要安装在沉淀池的底部壁外，用以排除池底的泥沙污物。

The product adopts double cavity diaphragm transmission mechanism instead of piston mechanism, with no movement and wear and long service life. The folded composite material is used inside the diaphragm, which greatly improves the elongation of the diaphragm and prolongs the service life of the diaphragm. It is not easy to be broken during the opening and closing of the valve, and can withstand higher pressure. It adopts electric two position four-way directional valve or manual two position four-way or directional valve for centralized control, which is easy to operate and flexible to open and close. This valve is mainly installed outside the bottom wall of the sedimentation tank to remove sediment and dirt at the bottom of the tank.

执行标准 Executive standard

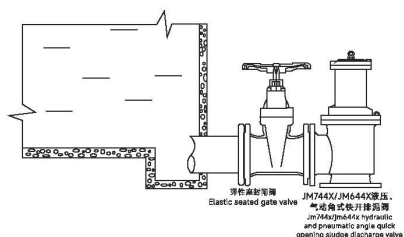
设计标准 Design Standards	GB/T 17241.6 GB/T 9113
试验标准 Test Standard	GB/T 13927 API598



主要性能规范 Main performance specification

公称压力 Nominal pressure	0.6-1.0MPa
最低驱动压力 Minimum driving pressure	0.15MPa
适用介质 Applicable medium	水、污水、油品 Water, sewage, oil
适用温度 proper temperature	常温 normal atmospheric temperature
法兰标准 Flange standard	GB/T17241.6、JB/T79.1
试验标准 Test Standard	GB/T 13927

安装示意图 Installation diagram



主要零部件材质 Materials of main parts

零件名称 Part name	材料 Material Science
阀体、阀盖 Valve body and bonnet	铸铁、球铁、碳钢 Cast iron, ductile iron, carbon steel
膜片压板、阀盘 Diaphragm pressure plate and valve disc	球铁、青铜 Ductile iron, bronze
阀杆、液压缸、弹簧 Valve rod, hydraulic cylinder, spring	不锈钢 stainless steel
膜片 diaphragm	尼龙强化橡胶 Nylon reinforced rubber
密封 seal up	耐磨丁腈橡胶 Wear resistant nitrile rubber

主要外形尺寸和连接尺寸 Main shape size and connection size

单位unit:mm

DN	L	H	H1	D	D1	Z-φd	进液接管(G) Liquid inlet pipe
80	135	460	115	195	160	4-18	1/2"
100	145	500	125	215	180	8-18	1/2"
150	185	630	155	280	240	8-23	1/2"
200	225	750	185	335	295	8-23	1/2"
250	250	835	245	390	350	12-23	1/2"
300	280	970	240	440	400	12-23	1/2"
350	340	1110	275	500	460	16-23	1/2"
400	345	1220	310	565	515	16-25	1/2"

Hydraulic control valve series

水力控制阀系列



100X

遥控浮球阀

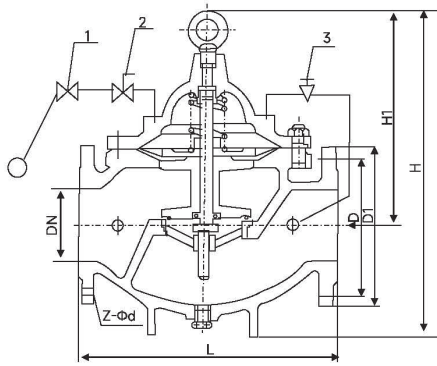
Remote control float valve



产品概述 Product overview

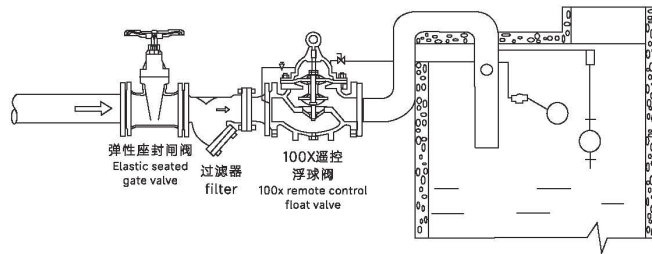
100X隔膜式遥控浮球阀是兼具多种功能的水力操作式阀门。主要安装于水池或高架水塔的进水口处，当水位达到设定的高度时，主阀由浮球导阀控制关闭进水口停止供水；当水位下降后，主阀由浮球开关控制打开进水口向水池注水，实现自动补水。液位控制精确，不受水压干扰；100X隔膜式遥控浮球阀可随水池的高度及使用空间任意位置安装，维护、调试、检查方便、密封可靠，使用寿命长。隔膜式阀门性能可靠、强度高、动作灵活适用于450mm口径以下的管道。DN500mm口径以上的建议使用活塞式。

The 100X diaphragm remote control float valve is a hydraulically operated valve with multiple functions. Mainly installed at the water inlet of the pool or elevated water tower. When the water level reaches the set height, the main valve is controlled by the float ball pilot valve to close the water inlet to stop water supply; when the water level drops, the main valve is controlled by the float switch to open the water inlet. Fill the pool with water to achieve automatic water replenishment. The liquid level control is precise, and it is not disturbed by water pressure. The 100X diaphragm type remote control float valve can be installed at any position according to the height of the pool and the use space. Diaphragm valves have reliable performance, high strength, and flexible operation. They are suitable for pipelines below 450mm in diameter. It is recommended to use the piston type for diameters above DN500mm.



1. 浮动导阀 2. 球阀 3. 针型阀
1. Floating pilot valve 2. Ball valve 3. Needle valve

安装示意图 Installation diagram



主要外形尺寸和连接尺寸 Main shape size and connection size

单位unit:mm

DN	L	H	H1	D			D1			Z-Φd		
				1.0MPa	1.6MPa	2.5MPa	1.0MPa	1.6MPa	2.5MPa	1.0MPa	1.6MPa	2.5MPa
20	150	212	179	-	-	-	-	-	-	-	-	-
25	160	212	179	-	-	-	-	-	-	-	-	-
32	180	212	179	140	140	140	100	100	100	4-18	4-18	4-18
40	200	265	210	150	150	150	110	110	110	4-18	4-18	4-18
50	203/230	265	210	165	165	165	125	125	125	4-18	4-18	4-18
65	216/290	310	215	185	185	185	145	145	145	4-18	4-18	8-18
80	241/310	350	245	200	200	200	160	160	160	8-18	8-18	8-18
100	292/350	460	305	220	220	235	180	180	190	8-18	8-18	8-23
125	330/400	520	365	250	250	270	210	210	220	8-18	8-18	8-25
150	356/480	570	415	285	285	300	240	240	250	8-18	8-18	8-25
200	495/600	695	510	340	340	360	295	295	310	8-23	12-23	12-25
250	622/730	780	560	395	405	425	350	355	370	12-23	12-25	12-30
300	698/850	905	658	445	460	485	400	410	430	12-23	12-25	16-30
350	787/980	1025	696	505	520	550	460	470	490	16-23	16-25	16-34
400	914/1100	1080	735	565	580	620	515	525	550	16-23	16-30	20-36
450	978/1200	1030	610	615	640	670	565	585	600	20-25	20-30	20-36
500	1075/1250	1135	665	670	715	730	620	650	660	20-25	20-34	-
600	1100/1450	1270	725	780	840	845	725	770	770	20-30	20-41	-
700	1448	1460	865	895	910	960	840	840	875	24-30	24-41	-
800	1956	1640	970	1015	1025	1085	950	950	990	24-34	24-41	-

200X

减压阀

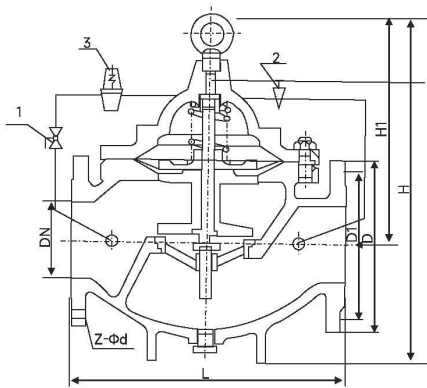
Pressure relief valve



产品概述 Product overview

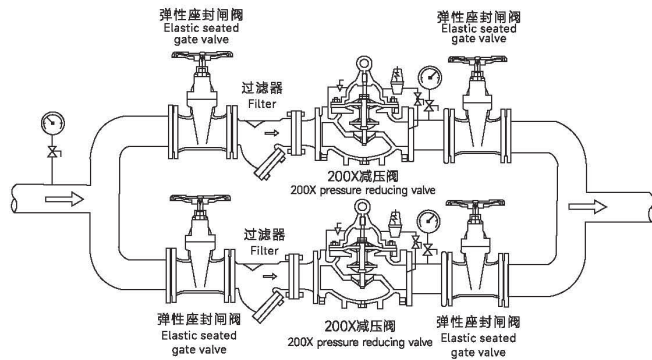
200X减压阀，是一种利用介质自身能量来调节与控制管路压力的智能型阀门。200X减压阀用于生活给水、消防给水及其他工业给水系统，通过调节减压导阀，即可调节主阀的出口压力。出口压力不因进口压力、进口流量的变化而变化，安全可靠地将出口压力维持在设定值上，并可根据需要调节设定值以达到减压目的。该阀减压精确，性能稳定、安全可靠，安装调节方便，使用寿命长。

The 200X pressure reducing valve is an intelligent valve that uses the energy of the medium to adjust and control the pressure of the pipeline. The 200X pressure reducing valve is used in domestic water supply, fire water supply and other industrial water supply systems. By adjusting the pressure reducing pilot valve, the outlet pressure of the main valve can be adjusted. The outlet pressure does not change due to changes in the inlet pressure and inlet flow rate. The outlet pressure is maintained at the set value safely and reliably, and the set value can be adjusted as needed to achieve the purpose of decompression. The valve has precise pressure reduction, stable performance, safety and reliability, easy installation and adjustment, and long service life.



1. 小球阀 2. 针型阀 3. 减压导阀
1. Small ball valve 2. needle valve 3. pressure reducing pilot valve

安装示意图 Installation diagram



主要外形尺寸和连接尺寸 Main shape size and connection size

单位unit:mm

DN	L	H	H1	D			D1			Z-φd		
				1.0MPa	1.6MPa	2.5MPa	1.0MPa	1.6MPa	2.5MPa	1.0MPa	1.6MPa	2.5MPa
20	150	212	179	-	-	-	-	-	-	-	-	-
25	160	212	179	-	-	-	-	-	-	-	-	-
32	180	212	179	140	140	140	100	100	100	4-18	4-18	4-18
40	200	265	210	150	150	150	110	110	110	4-18	4-18	4-18
50	203/230	265	210	165	165	165	125	125	125	4-18	4-18	4-18
65	216/290	310	215	185	185	185	145	145	145	4-18	4-18	8-18
80	241/310	350	245	200	200	200	160	160	160	8-18	8-18	8-18
100	292/350	460	305	220	220	235	180	180	190	8-18	8-18	8-23
125	330/400	520	365	250	250	270	210	210	220	8-18	8-18	8-25
150	356/480	570	415	285	285	300	240	240	250	8-18	8-18	8-25
200	495/600	695	510	340	340	360	295	295	310	8-23	12-23	12-25
250	622/730	780	560	395	405	425	350	355	370	12-23	12-25	12-30
300	698/850	905	658	445	460	485	400	410	430	12-23	12-25	16-30
350	787/980	1025	696	505	520	550	460	470	490	16-23	16-25	16-34
400	914/1100	1080	735	565	580	620	515	525	550	16-23	16-30	20-36
450	978/1200	1030	610	615	640	670	565	585	600	20-25	20-30	20-36
500	1075/1250	1135	665	670	715	730	620	650	660	20-25	20-34	-
600	1100/1450	1270	725	780	840	845	725	770	770	20-30	20-41	-
700	1448	1460	865	895	910	960	840	840	875	24-30	24-41	-
800	1956	1640	970	1015	1025	1085	950	950	990	24-34	24-41	-

300X

缓闭式止回阀

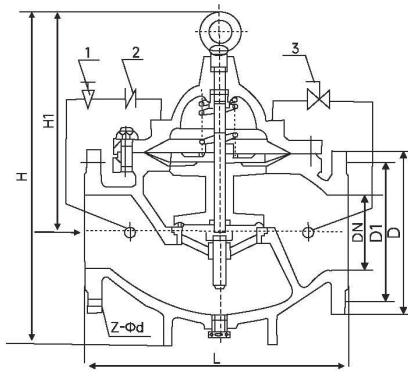
Slow closing check valve



产品概述 Product overview

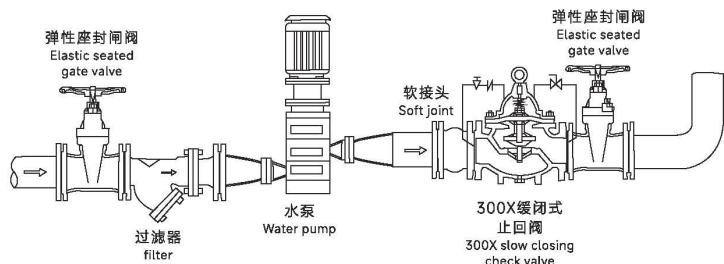
300X型缓闭止回阀由主阀、单向阀、针阀、球阀、微型过滤器和压力表组成水力控制阀接管系统。利用水力自动操作，可使主阀得到最佳的开启和关闭速度，防止水锤水击的产生，以达到缓闭消声的效果。当阀门从进口端给水时，水通过微型过滤器、针阀、单向阀进入主阀控制室，再经过球阀排水至下游。因为针阀开度小于球阀开度，即主阀控制室的排水速度大于进水速度，因此控制室压力降低，作用于主阀盘下端的进口压力打开主阀向下游供水。该阀广泛用于高层建筑、生活区等供水管网系统及城市供水工程。

The 300X slow closing check valve consists of a hydraulic control valve connection system consisting of a main valve, a one-way valve, a needle valve, a ball valve, a micro filter, and a pressure gauge. By utilizing hydraulic automatic operation, the main valve can achieve the optimal opening and closing speed, prevent the occurrence of water hammer and water hammer, and achieve the effect of slow closing and noise reduction. When the valve supplies water from the inlet end, the water enters the main valve control room through a microfilter, needle valve, and one-way valve, and then drains downstream through a ball valve. Because the opening of the needle valve is smaller than the opening of the ball valve, that is, the drainage speed of the main valve control room is greater than the inlet speed, the pressure in the control room decreases. The inlet pressure acting on the lower end of the main valve disc opens the main valve to supply water downstream. This valve is widely used in water supply network systems such as high-rise buildings and living areas, as well as urban water supply projects.



1. 针型阀 2. 止回阀 3. 小球阀
1. Needle valve 2. check valve 3. small ball valve

安装示意图 Installation diagram



主要外形尺寸和连接尺寸 Main shape size and connection size

单位unit:mm

DN	L	H	H1	D			D1			Z-Φd		
				1.0MPa	1.6MPa	2.5MPa	1.0MPa	1.6MPa	2.5MPa	1.0MPa	1.6MPa	2.5MPa
20	150	212	179	-	-	-	-	-	-	-	-	-
25	160	212	179	-	-	-	-	-	-	-	-	-
32	180	212	179	140	140	140	100	100	100	4-18	4-18	4-18
40	200	265	210	150	150	150	110	110	110	4-18	4-18	4-18
50	203/230	265	210	165	165	165	125	125	125	4-18	4-18	4-18
65	216/290	310	215	185	185	185	145	145	145	4-18	4-18	8-18
80	241/310	350	245	200	200	200	160	160	160	8-18	8-18	8-18
100	292/350	460	305	220	220	235	180	180	190	8-18	8-18	8-23
125	330/400	520	365	250	250	270	210	210	220	8-18	8-18	8-25
150	356/480	570	415	285	285	300	240	240	250	8-18	8-18	8-25
200	495/600	695	510	340	340	360	295	295	310	8-23	12-23	12-25
250	622/730	780	560	395	405	425	350	355	370	12-23	12-25	12-30
300	698/850	905	658	445	460	485	400	410	430	12-23	12-25	16-30
350	787/980	1025	696	505	520	550	460	470	490	16-23	16-25	16-34
400	914/1100	1080	735	565	580	620	515	525	550	16-23	16-30	20-36
450	978/1200	1030	610	615	640	670	565	585	600	20-25	20-30	20-36
500	1075/1250	1135	665	670	715	730	620	650	660	20-25	20-34	-
600	1100/1450	1270	725	780	840	845	725	770	770	20-30	20-41	-
700	1448	1460	865	895	910	960	840	840	875	24-30	24-41	-
800	1956	1640	970	1015	1025	1085	950	950	990	24-34	24-41	-

400X

流量控制阀

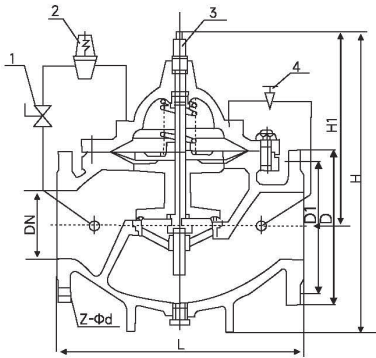
Flow control valve



产品概述 Product overview

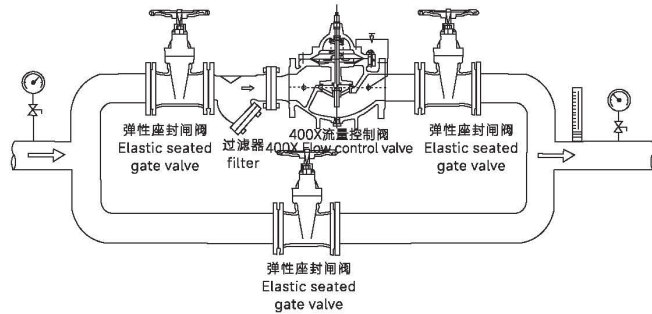
400X流量控制阀，是一种采用高精度先导式方式控制流量多功能阀门。适用于配水管需控制流量和压力的管路中，保持预定流量不变，将过大流量限制在一个预定值，并将上游高压适当减压，即使主阀上游的压力发生变化，也不会影响主阀下游的流量。该阀一改常规节流阀使用孔板或纯机械的减少能量在节流过程中的损失。如遇紧急情况400X流量控制阀可以完全截止流量，避免损失。控制灵敏度高，安全可靠，调试简便，使用寿命长。广泛适用于工业给水、高层建筑由水泵直接给水系统中。

The 400X flow control valve is a multi-function valve that uses a high-precision pilot method to control flow. Applicable to pipelines where the flow rate and pressure of the water distribution pipe need to be controlled, keep the predetermined flow rate unchanged, limit the excessive flow rate to a predetermined value, and appropriately reduce the upstream high pressure, even if the pressure upstream of the main valve changes. Affect the flow downstream of the main valve. This valve is changed from a conventional throttle valve to use an orifice plate or a pure machine to reduce the loss of energy in the throttle process. In case of emergency, the 400X flow control valve can completely cut off the flow and avoid loss. High control sensitivity, safe and reliable, easy debugging and long service life. It is widely used in industrial water supply and high-rise buildings directly fed by water pumps.



1、小球阀 2、导阀 3、流量调节器 4、针型阀
1. Small ball valve 2. pilot valve 3. flow regulator 4. needle valve

安装示意图 Installation diagram



主要外形尺寸和连接尺寸 Main shape size and connection size

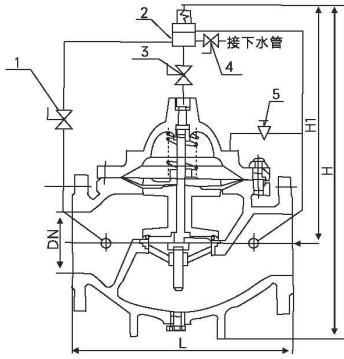
单位unit:mm

DN	L	H	H1	D			D1			Z-φd		
				1.0MPa	1.6MPa	2.5MPa	1.0MPa	1.6MPa	2.5MPa	1.0MPa	1.6MPa	2.5MPa
20	150	212	179	-	-	-	-	-	-	-	-	-
25	160	212	179	-	-	-	-	-	-	-	-	-
32	180	212	179	140	140	140	100	100	100	4-18	4-18	4-18
40	200	265	210	150	150	150	110	110	110	4-18	4-18	4-18
50	203/230	265	210	165	165	165	125	125	125	4-18	4-18	4-18
65	216/290	310	215	185	185	185	145	145	145	4-18	4-18	8-18
80	241/310	350	245	200	200	200	160	160	160	8-18	8-18	8-18
100	292/350	460	305	220	220	235	180	180	190	8-18	8-18	8-23
125	330/400	520	365	250	250	270	210	210	220	8-18	8-18	8-25
150	356/480	570	415	285	285	300	240	240	250	8-18	8-18	8-25
200	495/600	695	510	340	340	360	295	295	310	8-23	12-23	12-25
250	622/730	780	560	395	405	425	350	355	370	12-23	12-25	12-30
300	698/850	905	658	445	460	485	400	410	430	12-23	12-25	16-30
350	787/980	1025	696	505	520	550	460	470	490	16-23	16-25	16-34
400	914/1100	1080	735	565	580	620	515	525	550	16-23	16-30	20-36
450	978/1200	1030	610	615	640	670	565	585	600	20-25	20-30	20-36
500	1075/1250	1135	665	670	715	730	620	650	660	20-25	20-34	-
600	1100/1450	1270	725	780	840	845	725	770	770	20-30	20-41	-
700	1448	1460	865	895	910	960	840	840	875	24-30	24-41	-
800	1956	1640	970	1015	1025	1085	950	950	990	24-34	24-41	-

500X

泄压阀/持压阀

Pressure relief valve / pressure control valve



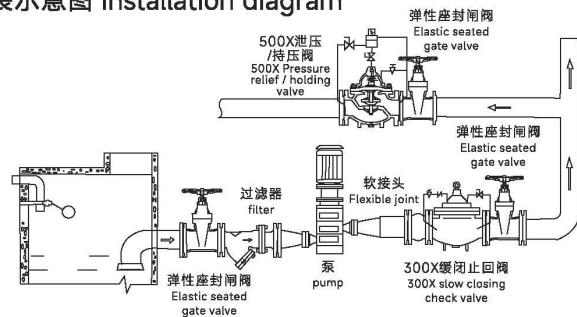
1. 小球阀 2. 导阀 3. 小球阀
4. 小球阀 5. 针型阀
1. Small ball valve 2. Pilot valve 3. Small ball valve
4. Small ball valve 5. Needle valve

产品概述 Product overview

500X泄压/持压阀由主阀、导阀、针阀、球阀、微形过滤器和压力表组成水力控制接管系统。利用水力自动操作，即可以作泄压阀用又可作持压阀用。做泄压阀用时，可维持供水路压力在设定的安全值之下，保持主阀上游供水压力。其工作原理：当导阀调整为泄压状态时，水通过针阀、主阀控制室、球阀A、导阀、球阀B流向出口，此时主阀处于开启状态，当进口压力超过导阀设定的安全值时，泄压导阀会自动开启，通过球阀C放出部分水，使管路泄压；作泄压阀时，各球阀常开，当导阀调整为持压状态时，只要主阀进口水压低于导阀设定值，导阀即关闭；作持压阀用时，球阀C常闭或用丝堵换下。本产品利用水力自力控制，不需要其它装置和能源，保养简便，一阀多用，广泛用于高层建筑、生活区等供水管网系统及城市供水工程。

The 500X pressure relief/holding valve consists of a hydraulic control connecting system consisting of a main valve, pilot valve, needle valve, ball valve, micro filter, and pressure gauge. Utilizing hydraulic automatic operation, it can be used as both a pressure relief valve and a pressure holding valve. When using a pressure relief valve, the water supply pressure can be maintained below the set safety value, while maintaining the upstream water supply pressure of the main valve. Its working principle: When the pilot valve is adjusted to a pressure relief state, water flows to the outlet through the needle valve, main valve control room, ball valve A, pilot valve, and ball valve B. At this time, the main valve is in an open state. When the inlet pressure exceeds the safety value set by the pilot valve, the pressure relief pilot valve will automatically open, and some water will be discharged through ball valve C to relieve pipeline pressure; When acting as a pressure relief valve, each ball valve is always open. When the pilot valve is adjusted to a pressure holding state, as long as the inlet water pressure of the main valve is lower than the set value of the pilot valve, the pilot valve will close; When used as a pressure holding valve, ball valve C is usually closed or replaced with a plug. This product utilizes hydraulic self control and does not require other devices or energy sources. It is easy to maintain and has multiple uses for one valve. It is widely used in water supply network systems such as high-rise buildings and living areas, as well as urban water supply projects.

安装示意图 Installation diagram



主要外形尺寸和连接尺寸 Main shape size and connection size

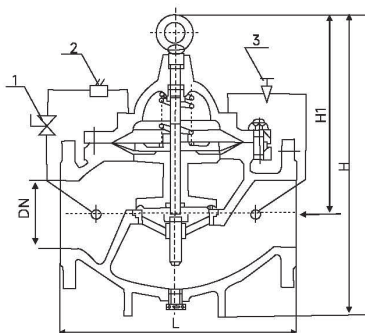
单位unit:mm

DN	L	H	H1	D			D1			Z-Φd		
				1.0MPa	1.6MPa	2.5MPa	1.0MPa	1.6MPa	2.5MPa	1.0MPa	1.6MPa	2.5MPa
20	150	212	179	-	-	-	-	-	-	-	-	-
25	160	212	179	-	-	-	-	-	-	-	-	-
32	180	212	179	140	140	140	100	100	100	4-18	4-18	4-18
40	200	265	210	150	150	150	110	110	110	4-18	4-18	4-18
50	203/230	265	210	165	165	165	125	125	125	4-18	4-18	4-18
65	216/290	310	215	185	185	185	145	145	145	4-18	4-18	8-18
80	241/310	350	245	200	200	200	160	160	160	8-18	8-18	8-18
100	292/350	460	305	220	220	235	180	180	190	8-18	8-18	8-23
125	330/400	520	365	250	250	270	210	210	220	8-18	8-18	8-25
150	356/480	570	415	285	285	300	240	240	250	8-18	8-18	8-25
200	495/600	695	510	340	340	360	295	295	310	8-23	12-23	12-25
250	622/730	780	560	395	405	425	350	355	370	12-23	12-25	12-30
300	698/850	905	658	445	460	485	400	410	430	12-23	12-25	16-30
350	787/980	1025	696	505	520	550	460	470	490	16-23	16-25	16-34
400	914/1100	1080	735	565	580	620	515	525	550	16-23	16-30	20-36
450	978/1200	1030	610	615	640	670	565	585	600	20-25	20-30	20-36
500	1075/1250	1135	665	670	715	730	620	650	660	20-25	20-34	-
600	1100/1450	1270	725	780	840	845	725	770	770	20-30	20-41	-
700	1448	1460	865	895	910	960	840	840	875	24-30	24-41	-
800	1956	1640	970	1015	1025	1085	950	950	990	24-34	24-41	-

600X

电动水力控制阀

Electric hydraulic control valve



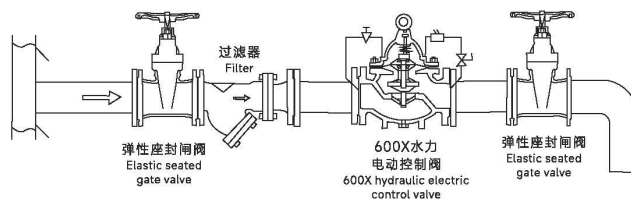
1、小球阀 2、电磁阀 3、针型阀
1. Small ball valve 2. Solenoid valve 3. Needle valve

产品概述 Product overview

600X电动水力控制阀由主阀、电磁导阀、针阀、球阀、微形过滤器和压力表组成水力控制接管系统。通过电磁导阀可以实现对阀门开启和关闭的遥控。加装附加装置后，可控制开启和关闭的速度。当阀门从进口端给水时，水流流过针阀进入主阀控制室，当电磁导阀打开时控制室内的水经电磁导阀、球阀流出。球阀开度大于针阀开度，主阀控制室内压力很低，主阀处于全开状态。当电磁导阀关闭时，主阀控制室的水不能流出，控制室升压。推动膜片关闭主阀。本产品利用导阀控制阀门的开启和关闭，节省能源。可代替其它阀门大型电动装置，广泛用于高层建筑、生活区等供水管网系统及城市供水工程。

The 600X electric hydraulic control valve is composed of main valve, electromagnetic pilot valve, needle valve, ball valve, micro filter and pressure gauge to form hydraulic control takeover system. The remote control of the valve opening and closing can be realized through the electromagnetic pilot valve. After installing additional devices, the speed of opening and closing can be controlled. When the valve feeds water from the inlet, water flows through the needle valve into the main valve control room. When the solenoid pilot valve is opened, the water in the control chamber flows out through the solenoid pilot valve and ball valve. The opening of the ball valve is greater than the opening of the needle valve, the pressure in the control chamber of the main valve is very low, and the main valve is fully open. When the solenoid pilot valve is closed, the water in the control room of the main valve cannot flow out, and the control room is boosted. Push the diaphragm to close the main valve. This product uses pilot valves to control the opening and closing of valves to save energy. It can replace other large-scale electric devices for valves and is widely used in water supply network systems such as high-rise buildings and living areas and urban water supply projects.

安装示意图 Installation diagram



主要外形尺寸和连接尺寸 Main shape size and connection size

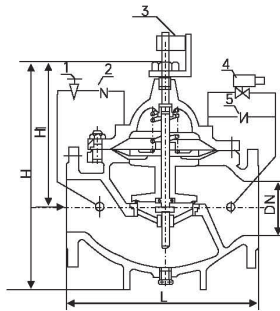
单位unit:mm

DN	L	H	H1	D			D1			Z-Φd		
				1.0MPa	1.6MPa	2.5MPa	1.0MPa	1.6MPa	2.5MPa	1.0MPa	1.6MPa	2.5MPa
20	150	342	269	-	-	-	-	-	-	-	-	-
25	160	342	269	-	-	-	-	-	-	-	-	-
32	180	342	269	140	140	140	100	100	100	4-18	4-18	4-18
40	200	395	300	150	150	150	110	110	110	4-18	4-18	4-18
50	203/230	395	300	165	165	165	125	125	125	4-18	4-18	4-18
65	216/290	385	288	185	185	185	145	145	145	4-18	4-18	8-18
80	241/310	420	310	200	200	200	160	160	160	8-18	8-18	8-18
100	292/350	500	340	220	220	235	180	180	190	8-18	8-18	8-23
125	330/400	540	380	250	250	270	210	210	220	8-18	8-18	8-25
150	356/480	575	410	285	285	300	240	240	250	8-18	8-18	8-25
200	495/600	665	440	340	340	360	295	295	310	8-23	12-23	12-25
250	622/730	720	460	395	405	425	350	355	370	12-23	12-25	12-30
300	698/850	750	480	445	460	485	400	410	430	12-23	12-25	16-30
350	787/980	830	516	505	520	550	460	470	490	16-23	16-25	16-34
400	914/1100	900	560	565	580	620	515	525	550	16-23	16-30	20-36
450	978/1200	1070	610	615	640	670	565	585	600	20-25	20-30	20-36
500	1075/1250	1135	665	670	715	730	620	650	660	20-25	20-34	-
600	1100/1450	1270	725	780	840	845	725	770	770	20-30	20-41	-
700	1448	1460	865	895	910	960	840	840	875	24-30	24-41	-
800	1956	1640	975	1015	1025	1085	950	950	990	24-34	24-41	-

700X

水泵控制阀

Pump control valve



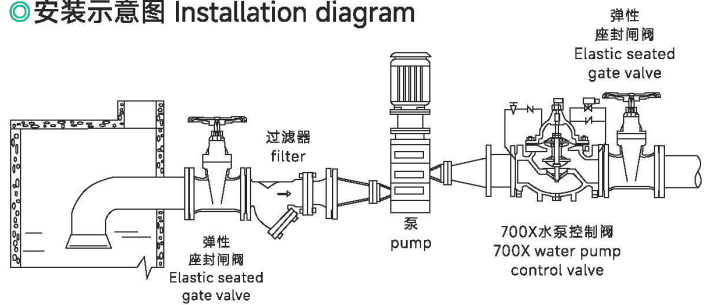
1、针型阀 2、止回阀 3、行程开关
4、电磁阀 5、止回阀
1. Needle valve 2. Check valve 3. Stroke switch
4. Solenoid valve 5. Check valve

产品概述 Product overview

700X水泵控制阀由主阀、电磁导阀、针阀、球阀、单向阀、行程开关、微形过滤器和压力表组成水力控制接管系统。水泵需停止工作时，先由进口压使主阀关闭90%后，水泵停止运转。剩余10%由回水关闭，可预防水锤现象发生。当水泵停止工作时，电磁导阀先关闭，主阀控制室停止排水，控制室压力升高，主阀开始关闭。当关闭至90%时，主阀上部行程开关输出停泵信号，水泵停止运转。此时下游回水单向阀进入主阀控制室，控制室压力升高，主阀被关闭。本产品利用电磁导阀控制，不需要其他装置和能源。节约能源，保养简便，停泵平稳，广泛用于高层建筑、生活区等供水管网系统及城市供水工程。

The 700X water pump control valve consists of a hydraulic control connecting system consisting of a main valve, electromagnetic guide valve, needle valve, ball valve, one-way valve, travel switch, micro filter, and pressure gauge. When the water pump needs to stop working, the main valve is closed by 90% by the inlet pressure first, and then the water pump stops running. The remaining 10% is closed by the return water, which can prevent the occurrence of water hammer. When the water pump stops working, the electromagnetic pilot valve is closed first, and the main valve control room stops draining. The pressure in the control room increases, and the main valve begins to close. When closed to 90%, the upper travel switch of the main valve outputs a pump stop signal, and the water pump stops running. At this point, the downstream return crystal one-way valve enters the main valve control room, the pressure in the control room increases, and the main valve is closed. This product is controlled by an electromagnetic pilot valve and does not require other devices or energy sources. Energy saving, easy maintenance, stable pump shutdown, widely used in water supply network systems such as highrise buildings and living areas, as well as urban water supply projects.

安装示意图 Installation diagram



主要外形尺寸和连接尺寸 Main shape size and connection size

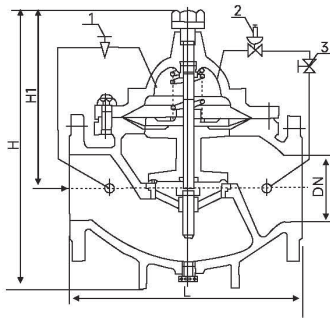
单位unit:mm

DN	L	H	H1	D			D1			Z-Φd		
				1.0MPa	1.6MPa	2.5MPa	1.0MPa	1.6MPa	2.5MPa	1.0MPa	1.6MPa	2.5MPa
20	150	342	269	-	-	-	-	-	-	-	-	-
25	160	342	269	-	-	-	-	-	-	-	-	-
32	180	342	269	140	140	140	100	100	100	4-18	4-18	4-18
40	200	395	300	150	150	150	110	110	110	4-18	4-18	4-18
50	203/230	395	300	165	165	165	125	125	125	4-18	4-18	4-18
65	216/290	385	288	185	185	185	145	145	145	4-18	4-18	8-18
80	241/310	420	310	200	200	200	160	160	160	8-18	8-18	8-18
100	292/350	500	340	220	220	235	180	180	190	8-18	8-18	8-23
125	330/400	540	380	250	250	270	210	210	220	8-18	8-18	8-25
150	356/480	575	410	285	285	300	240	240	250	8-18	8-18	8-25
200	495/600	665	440	340	340	360	295	295	310	8-23	12-23	12-25
250	622/730	720	460	395	405	425	350	355	370	12-23	12-25	12-30
300	698/850	750	480	445	460	485	400	410	430	12-23	12-25	16-30
350	787/980	830	516	505	520	550	460	470	490	16-23	16-25	16-34
400	914/1100	900	560	565	580	620	515	525	550	16-23	16-30	20-36
450	978/1200	1070	610	615	640	670	565	585	600	20-25	20-30	20-36
500	1075/1250	1135	665	670	715	730	620	650	660	20-25	20-34	-
600	1100/1450	1270	725	780	840	845	725	770	770	20-30	20-41	-
700	1448	1460	865	895	910	960	840	840	875	24-30	24-41	-
800	1956	1640	975	1015	1025	1085	950	950	990	24-34	24-41	-

800X

压差旁通平衡阀

Differential pressure bypass balance valve



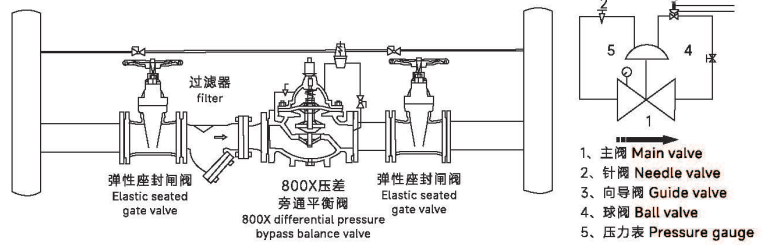
1. 针型阀 2. 导阀 3. 球阀
1. Needle valve 2. Pilot valve 3. Ball valve

产品概述 Product overview

800X压差旁通平衡阀由主阀, 压差控制导阀、针阀、球阀、微形过滤器和压力表组成水力控制接管系统。通过专门设计的导阀控制室, 对压力变化信号进行比较, 输出主阀开度信号, 控制主阀开度, 从而控制主阀的进出口压差在设定值上。其工作原理是, 当主阀进出口间压差变化时, 接管A与接管B间压差发生变化, 此变导阀的开度。压差大时导阀开度大, 控制室通过C管的下泄水量增大, 主阀控制室压力下降, 主阀开度增大, 主阀进出口间压差变小。反之, 若主阀进出口间压差变小, 则导阀开度变小, 主阀控制室压力上升, 推动主阀开度减小而使主阀压差增大。这种负反馈作用使主阀进出口间压差稳定在设定值上。设定针阀开度和导阀弹簧压力可设定主阀进出口间压差。本产品利用水力自力控制, 不需要其它装置和能源, 保养简便, 广泛用于高层建筑、生活区等供水管网系统及城市供水工程。

The 800X differential pressure bypass balance valve is composed of a main valve, a differential pressure control pilot valve, a needle valve, a ball valve, a micro filter and a pressure gauge to form a hydraulic control takeover system. Through the specially designed pilot valve control room, the pressure change signal is compared, the main valve opening signal is output, and the main valve opening is controlled to control the inlet and outlet pressure difference of the main valve at the set value. The working principle is that when the pressure difference between the inlet and outlet of the main valve changes, the pressure difference between the takeover A and the takeover B changes, and the opening degree of the variable pilot valve. When the pressure difference is large, the pilot valve opening is large, the discharge volume of the control room through the C pipe increases, the pressure of the main valve control room decreases, the main valve opening increases, and the pressure difference between the main valve inlet and outlet becomes smaller. Conversely, if the pressure difference between the inlet and outlet of the main valve becomes smaller, the pilot valve opening becomes smaller, the pressure in the control chamber of the main valve rises, pushing the opening of the main valve to decrease and increasing the pressure difference of the main valve. This negative feedback effect makes the pressure difference between the inlet and outlet of the main valve stable at the set value. The needle valve opening and pilot valve spring pressure can be set to set the pressure difference between the main valve inlet and outlet. This product uses hydraulic self-control, does not require other devices and energy, and is easy to maintain. It is widely used in high-rise buildings, living areas and other water supply network systems and urban water supply projects.

安装示意图 Installation diagram



主要外形尺寸和连接尺寸 Main shape size and connection size

单位unit:mm

DN	L	H	H1	D			D1			Z-Φd		
				1.0MPa	1.6MPa	2.5MPa	1.0MPa	1.6MPa	2.5MPa	1.0MPa	1.6MPa	2.5MPa
20	150	212	179	-	-	-	-	-	-	-	-	-
25	160	212	179	-	-	-	-	-	-	-	-	-
32	180	212	179	140	140	140	100	100	100	4-18	4-18	4-18
40	200	265	210	150	150	150	110	110	110	4-18	4-18	4-18
50	203/230	265	210	165	165	165	125	125	125	4-18	4-18	4-18
65	216/290	310	215	185	185	185	145	145	145	4-18	4-18	8-18
80	241/310	350	245	200	200	200	160	160	160	8-18	8-18	8-18
100	292/350	460	305	220	220	235	180	180	190	8-18	8-18	8-23
125	330/400	520	365	250	250	270	210	210	220	8-18	8-18	8-25
150	356/480	570	415	285	285	300	240	240	250	8-18	8-18	8-25
200	495/600	695	510	340	340	360	295	295	310	8-23	12-23	12-25
250	622/730	780	560	395	405	425	350	355	370	12-23	12-25	12-30
300	698/850	905	658	445	460	485	400	410	430	12-23	12-25	16-30
350	787/980	1025	696	505	520	550	460	470	490	16-23	16-25	16-34
400	914/1100	1080	735	565	580	620	515	525	550	16-23	16-30	20-36
450	978/1200	1030	610	615	640	670	565	585	600	20-25	20-30	20-36
500	1075/1250	1135	665	670	715	730	620	650	660	20-25	20-34	-
600	1100/1450	1270	725	780	840	845	725	770	770	20-30	20-41	-
700	1448	1460	865	895	910	960	840	840	875	24-30	24-41	-
800	1956	1640	970	1015	1025	1085	950	950	990	24-34	24-41	-

LHS743X

低阻力倒流防止器

Low resistance backflow preventer



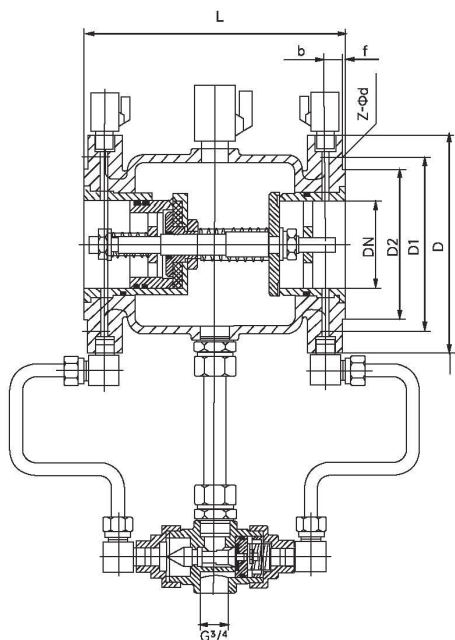
产品概述 Product overview

该产品利用水力控制原理设计，具有结构紧凑，隔断可靠，水头损失小，体积小，重量轻，安装维修方便等特点。主要应用在供水系统，用水系统和市政管道系统中，能有效防止和隔断不洁净的水倒流污染生活饮用水。

This product is designed based on the hydraulic control principle and has the characteristics of compact structure, reliable partition, small head loss, small volume, light weight, convenient installation and maintenance. It is mainly used in water supply system, water supply system and municipal pipeline system, which can effectively prevent and isolate the backflow of unclean water from polluting domestic drinking water.

主要技术参数 Main technical parameters

型号 Model	LHS743X
公称直径(mm) Nominal diameter (mm)	50-600
公称压力(Mpa) Nominal pressure (mpa)	1.0、1.6、2.5
开启压力 Opening pressure	≤0.03Mpa
局部水头损失 Local head loss	<0.03Mpa
隔断形式 Partition form	大气隔断 Atmospheric isolation
适用场合 Applicable occasions	生活水与其它水质管网连接处 Connection between domestic water and other water quality pipe network
壳体材质 Shell material	球墨铸铁、不锈钢 Ductile iron, stainless steel
内件材质 Interior material	不锈钢 Stainless steel
适用温度 Applicable temperature	0-95°C



主要零部件材质 Material Of Main Parts

部件名称 Component Name	部件材质 Component material
主阀体 Main valve body	球墨铸铁/碳钢/不锈钢 Ductile iron/carbon steel/stainless steel
阀瓣 Valve disc	不锈钢 stainless steel
阀套 Valve sleeve	不锈钢 stainless steel
排水器 Drainer	不锈钢/铜合金 Stainless steel/copper alloy
密封件 Sealing element	三元乙丙橡胶/硅橡胶 EPDM/silicone rubber
外接配件 External accessories	不锈钢/铜合金 Stainless steel/copper alloy

主要外形尺寸和连接尺寸 Main shape size and connection size 单位 unit:mm

DN	L	D	D1	D2	Z-φd	b-f
50	190	165	125	99	4-φ18	20-2
65	210	185	145	118	4-φ18	20-2
80	232	200	160	132	8-φ18	20-2
100	255	220	180	156	8-φ18	22-2
125	305	250	210	184	8-φ18	22-2
150	350	285	240	211	8-φ22	24-2
200	410	340	295	266	12-φ22	24-2
250	460	405	355	319	12-φ26	26-2
300	540	460	410	370	12-φ26	28-2
400	735	580	480	450	12-φ32	30-2

HS41X-A

过滤倒流防止器

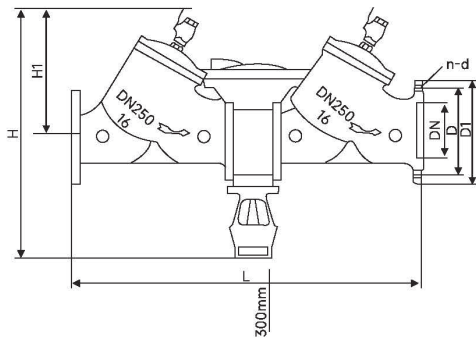
Filter backflow prevention device



产品概述 Product overview

该产品由两个隔开的止回阀和一个液压传动到泄水阀组成，第一个止回阀阀体内装有过滤网。由于止回阀的局部水头损失，中间腔内的压力始终低于入水口的压力。这个压差驱使泄水阀处于关闭状态，管路正常供水。在压力异常时，(即出口端压力高于中腔腔)，即使两个止回阀都不能反向密封，安全泄水阀也能自动开启将倒流水泄空，并形成空气隔断，保证上游供水卫生安全。次产品结构具有合理性、使用方便产品、密封性能强、坚固耐用及造型美观等特点。广泛用于电力、冶金、石油、化工、煤气、城建、造纸、纺织、医药、食品、船舶、给排水、能源、钻探等部门。

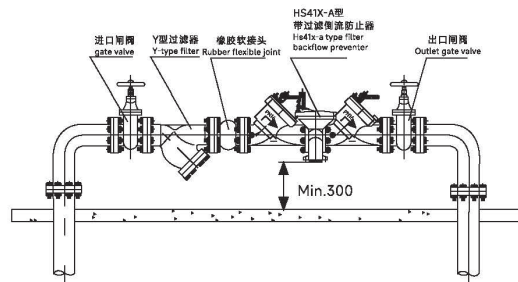
The product consists of two separated check valves and a hydraulic transmission to the drain valve. The valve body of the first check valve is equipped with a filter screen. Due to the local head loss of the check valve, the pressure in the middle chamber is always lower than that at the water inlet. This differential pressure drives the drain valve to be closed and the pipeline supplies water normally. In case of abnormal pressure (i.e. the pressure at the outlet is higher than that in the core cavity), even if the two check valves cannot be sealed reversely, the safety drain valve can be opened automatically to empty the backwater and form an air partition to ensure the hygiene and safety of upstream water supply. The secondary product structure has the characteristics of rationality, convenient use, strong sealing performance, durability and beautiful appearance. Widely used in electric power, metallurgy, petroleum, chemical industry, gas, urban construction, papermaking, textile, medicine, food, shipping, water supply and drainage, energy, drilling and other departments.



主要性能规范 Main performance specification

公称压力 Nominal pressure	1.0-1.6MPa
公称直径 Nominal diameter	15-400mm
适用介质 Applicable medium	水及弱腐蚀性流体 Water and weak corrosive fluid
适用温度 proper temperature	0-80°C
法兰标准 Flange standard	GB/T17241.6 GB/T 9113
试验标准 Test Standard	GB/T 13927 API 598

安装示意图 Installation diagram



主要零部件材质 Materials of main parts

零件名称 Part Name	材料 material
阀体、阀盖 Valve body, bonnet	铸铁、碳钢、不锈钢 Cast iron, carbon steel, stainless steel
阀杆 Stem	铝青铜、铬不锈钢 Aluminum bronze, chrome stainless steel
阀瓣 Disc	碳钢、不锈钢、丁腈橡胶 Carbon steel, stainless steel, nitrile rubber
膜片 Diaphragm	丁腈橡胶 Nitrile rubber
膜片压板 Diaphragm pressure plate	碳钢、不锈钢 Carbon steel, stainless steel
弹簧 spring	不锈钢 stainless steel

主要外形尺寸和连接尺寸 Main shape size and connection size

单位unit:mm

公称直径 DN(mm) Nominal diameter	安装方式 Installation method	L	管螺纹D Pipe thread	D1	H	H1	宽度 width	n-Φd
15	管螺纹 Pipe thread	160	1/2"	-	130	60	170	-
20		190	3/4"	-	130	65	180	-
25		200	1"	-	140	80	190	-
32		203	1 1/4"	-	170	90	195	-
40		240	1 1/2"	-	180	150	200	-
50		280	2"	-	185	160	210	-
40	法兰连接 Flange connection	420	145"	100	250	165	235	4-18
50		500	160"	125	280	180	250	4-18
65		560	180"	145	315	250	425	4-18
80		680	195"	160	480	285	450	8-18
100		760	215"	180	500	310	465	8-18
125		765	245"	210	600	340	495	8-18
150		870	280"	240	730	390	695	8-23
200		1000	335"	295	795	445	730	12-23
250		1120	405"	355	820	530	750	12-25
300		1280	460"	410	1000	540	800	12-25
350		1380	520"	470	1150	600	875	16-25
400		1530	580"	525	1200	640	980	16-30



Telescopic /joint series

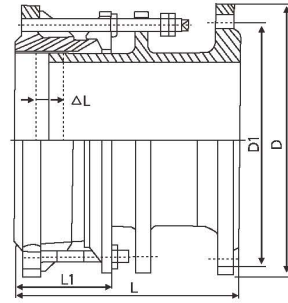
伸缩器/接头系列



B2F(VSSJA-2)

双法兰限位伸缩接头

Double flange limit expansion joint



产品概述 Product overview

该产品适用于两边均与法兰连接，安装时调整产品两端连接长度，对角依次均匀拧紧压盖螺栓，再调整好限位螺母，这样就能让管道自由伸缩，锁定伸缩量，确保管道的安全运行。

This product is suitable for connecting both sides with flanges. During installation, adjust the length of the connection at both ends of the product, tighten the gland bolts diagonally and evenly, and then adjust the limit nuts to allow the pipeline to freely expand and lock the expansion amount, ensuring the safe operation of the pipeline.

主要零部件材质 Material Of Main Parts

名称 Name	本体 Body	密封圈 Sealing ring	压盖 Gland	限位短管 Limit short tube	螺母 Nut	长螺栓 Long bolt	螺栓 Bolt
材料 Material	QT400-15 Q235A	NBR、NR FPM	QT400-15 Q235A	Q235A、20 16Mn	Q235A、35 1Cr18Ni9Ti	Q235A、35 1Cr18Ni9Ti	Q235A、35 1Cr18Ni9Ti

主要外形尺寸和连接尺寸 Main shape size and connection size

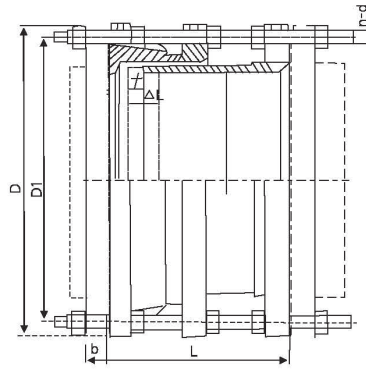
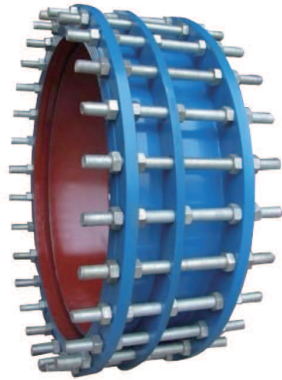
单位Unit:mm

DN	管子外径 Outer diameter of pipe	外形尺寸 External dimensions		伸缩量 Expansion amount ΔL	法兰连接尺寸 Flange connection size							
		L	L1		0.6MPa			1.0MPa				
					D	D1	n-d0	D	D1	n-d0		
65	76	340	105	50	160	130	4-14	185	145	4-18		
80	89				190	150	4-18	200	160	8-18		
100	108 114				210	170		220	180			
125	133 140	340	105	50	240	200	8-18	250	210	8-22		
150	159 168				265	225		285	240			
200	219				320	280	340	295	12-22			
250	273	375	335	395	350	12-22	445	400		16-22		
300	325	350	130	65	440	395	12-22	505	460	16-22		
350	377				490	445		565	515	16-26		
400	426				540	495	16-22	615	565	20-26		
450	480				595	550		670	620			
500	530				645	600	20-22	780	725	20-30		
600	630				755	705	20-26	895	840	24-30		
700	720	590	220	130	860	810	24-26	1015	950	24-33		
800	820				975	920	24-30	1115	1050	28-33		
900	920				1075	1020		1175	1120	28-30	1230	1160
1000	1020				1405	1340	32-33	1455	1380	32-39		
1200	1220				1630	1560	36-36	14675	1590	36-42		
1400	1420				1730	1660		1785	1700			
1500	1520				1830	1760	40-36	1915	1820	40-48		
1600	1620				2045	1970	44-39	2115	2020	44-48		
1800	1820				2265	2180	48-42	2325	2230	48-48		
2000	2020				2475	2390	52-42	2550	2440	52-56		
2200	2220	2685	2600	56-42	2760	2650	60-56					
2400	2420	2905	2810	60-48	2960	3070	64-56					
2600	2620	600	240	140	3115	3020	64-48	3180	3290	68-60		
2800	2820				3315	3220	68-48	3405	-	-		
3000	3020											

VSSJA-2

双法兰限位伸缩器

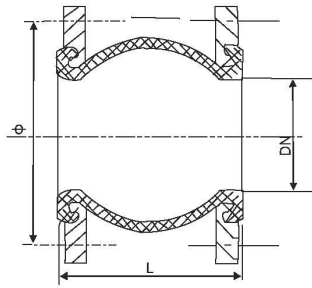
Double flange limit retractor



◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位Unit:mm

DN	DW	D0	L (VSSJA)	L (VSSJA-1)	L (VSSJA-2)	ΔL
65	76	76	118	340	300	50
80	89	89	118	340	300	50
100	108	108	123	340	300	50
100	114	114	123	340	300	50
125	133	133	123	340	300	50
125	140	140	123	340	300	50
150	159	159	123	340	300	50
150	168	168	123	340	300	50
200	219	219	123	340	300	50
250	273	273	130	340	300	50
300	325	325	160	350	370	65
350	355/377	377	160	350	370	65
400	406/426	426	160	350	370	65
450	457/480	480	160	350	370	65
500	508/530	530	160	350	370	65
600	610/630	630	160	350	370	65
700	720	720	160	350	370	65
800	820	820	255	590	600	130
900	920	920	255	590	600	130
1000	1020	1020	255	590	600	130
1200	1220	1220	255	590	600	130
1400	1420	1420	270	590	640	130
1600	1620	1620	270	590	640	130
1800	1820	1880	270	590	640	130
2000	2020	2020	270	590	640	130
2200	2220	2220	275	590	640	130
2400	2420	2420	275	590	640	130
2600	2620	2620	300	600	710	140
2800	2820	2820	300	600	710	140
3000	3020	3020	300	600	710	140
3200	3220	3220	300	600	710	140



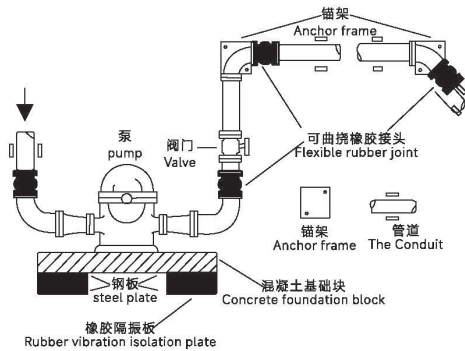
1、主体 2、内衬 3、骨架 4、法兰
1. Main body 2. Lining 3. Framework 4. Flange

产品概述 Product overview

该产品它广泛的使用于输送各种流体介质的泵站、泵房、采暖、空调、通风等泵体与管路的联接，它能伸长、压缩、偏转位移、能有效的防止管道因基础沉降引起的管道损坏和因热胀冷缩引起的管道断裂。且耐高压、耐腐蚀、耐老化、吸振、减噪效果明显，对保护设备和延长设备的使用寿命将起到重大作用。

This product is widely used in the connection between pump body and pipeline of pump station, pump house, heating, air conditioning, ventilation and other pumps conveying various fluid media. It can extend, compress, deflect and displace, and effectively prevent pipeline damage caused by foundation settlement and pipeline fracture caused by thermal expansion and cold contraction. Moreover, it has obvious effects of high pressure resistance, corrosion resistance, aging resistance, vibration absorption and noise reduction, which will play an important role in protecting the equipment and prolonging the service life of the equipment.

安装示意图 Installation diagram



主要零部件材质 Materials of main parts

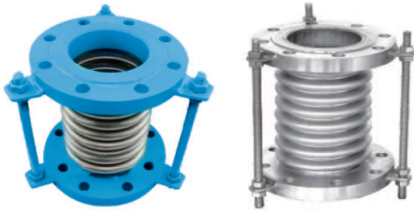
法兰 flange	优质碳素结构钢、不锈钢 High quality carbon structural steel, stainless steel
内、外胶层 Inner and outer adhesive layers	天然橡胶、丁腈橡胶、三元乙丙橡胶等 Natural rubber, nitrile rubber, EPDM, etc
中胶层 Middle adhesive layer	天然橡胶、丁腈橡胶、三元乙丙橡胶等 Natural rubber, nitrile rubber, EPDM, etc
增强层 Enhancement layer	天然橡胶、丁腈橡胶、三元乙丙橡胶等 Natural rubber, nitrile rubber, EPDM, etc
钢丝绳圈 Wire rope loop	钢丝 steel wire

主要外形尺寸和连接尺寸 Main shape size and connection size

单位Unit:mm

DN	NPS(in)	长度 length L	法兰厚度 Flange thickness B	螺栓孔中心圆 直径Φ Diameter of bolt hole center circle	螺栓孔直径 Bolt hole diameter	螺栓数量 Number of bolts h	横向位移 Lateral displacement		偏转角度 Deflection angle a ₁ +a ₂	
							伸长 elongation	压缩 compress		
32	-	85	18	100	18	4	8	10	10	15°
40	-	95	18	110	18	4	8	10	10	15°
50	-	105	18	125	18	4	8	10	10	15°
65	-	115	20	145	18	4	8	10	10	15°
80	3	135	20	160	18	8	10	12	12	15°
100	4	150	22	180	18	8	10	12	12	15°
125	5	165	24	210	18	8	12	12	12	15°
150	6	180	24	240	22	8	14	12	12	15°
200	8	190	24	295	22	8	14	16	12	14°
250	10	230	28	350	22	12	14	16	16	12°
300	12	245	28	400	22	12	14	18	16	10°
350	14	255	28	460	22	16	14	18	18	8°
400	16	255	30	515	26	16	14	20	18	8°
450	18	255	30	565	26	20	14	20	20	6°
500	20	255	32	620	26	20	14	22	20	6°
600	24	260	36	725	30	20	14	22	22	5°
700	28	260	36	840	30	24	14	22	22	4°
800	32	260	36	950	33	24	15	22	22	4°
900	36	260	36	1050	33	24	15	22	22	3°
1000	40	260	36	1120	30	28	15	22	22	3°
1200	48	300	36	1340	33	32	15	22	22	3°
1400	56	320	40	1560	36	36	15	22	22	3°
1600	64	350	42	1760	36	40	15	22	22	3°
1800	72	400	44	1970	39	44	18	24	24	2°
2000	80	450	48	2180	42	48	18	24	24	2°
2200	88	500	52	2390	42	52	20	24	25	1.5°
2400	96	550	56	2600	42	56	20	24	25	1.5°

注：1、法兰连接数据符合GB/T17241.6-19988标准。
Note: 1. Flange connection data shall comply with gb/t17241.6-19988.



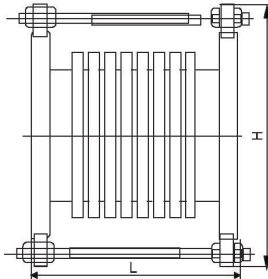
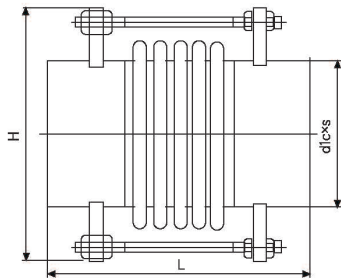
产品概述 Product overview

该产品是一种外型象规则的波浪样的管材，常用的金属波纹管有碳钢的和不锈钢的，也有钢质衬塑的、铝质的等等。主要用于需要很小的弯曲半径非同轴心轴向传动，或者不规则转弯、伸缩，或者吸收管道的热变形等，或者不便于用固定弯头安装的场合做管道与管道的连接，或者管道与设备的连接使用。金属波纹管补偿器作为敏感元件、减震元件、补偿元件、密封元件、阀门元件及管路连接件，广泛应用于自动控制和测量仪表、真空技术、机械工业电力工业、交通运输及原子能工业等领域。

该产品因其用途不同而选择不同的金属材料。因其材质不同，故所加工制作的金属波纹管性能及用途也有所不同。

This product is a kind of regular wavy pipe. The commonly used metal bellows include carbon steel and stainless steel, steel lined plastic, aluminum and so on. It is mainly used for non concentric axial transmission with small bending radius, or irregular turning and expansion, or absorbing the thermal deformation of the pipeline, or for the connection between the pipeline and the pipeline, or the connection between the pipeline and the equipment where it is not convenient to install with a fixed elbow. As a sensitive element, damping element, compensation element, sealing element, valve element and pipeline connector, metal bellows compensator is widely used in the fields of automatic control and measuring instruments, vacuum technology, machinery industry, electric power industry, transportation and atomic energy industry.

The product chooses different metal materials due to its different uses. Due to their different materials, the properties and uses of the processed metal bellows are also different.



执行标准 Performance standard

设计制造 Design and manufacture	GB/T12522、API6D
法兰标准 Flange standard	GB/T9113、SP-44
试验与检验 Test and inspection	GB/T13927、API598

主要零部件材质 Materials of main parts

零件名称 Part name	材料 Material Science
法兰 flange	不锈钢 stainless steel
内衬 lining	不锈钢 stainless steel
波纹管 corrugated pipe	不锈钢 stainless steel

主要外形尺寸和连接尺寸 Main shape size and connection size

单位Unit:mm

DN	波数 wave number	压力等级 Pressure rating					波纹管有效面积 Effective area of bellows (cm ²)	最大外径尺寸 Maximum outside diameter (mm)	长度 length	
		0.25	0.6	1.0	1.6	2.5			法兰JZ/F flange	接管JZ/J take over
		轴向补偿量Axial compensationmm/刚度rigiditymm								
32	8	25/21	22/26	20/26	18/63		16	225	160/250	264/280
32	16	50/11	46/14	41/14	36/32	15/98	16	225	224/291	316/321
40	8	25/28	22/44	20/44	18/89	21/47	23	244	164/259	269/289
40	16	50/14	46/22	41/22	36/45	15/106	23	244	230/304	319/334
50	8	25/30	22/51	20/70	18/70	31/55	37	259	172/276	282/306
50	16	50/16	46/26	41/35	36/35	15/138	37	259	240/342	347/372
65	8	33/28	30/35	26/44	22/55	21/70	55	270	215/294	330/322
65	12	42/16	38/22	38/32	34/40	19/68	55	270	260/334	340/362
80	8	40/20	36/26	34/33	28/41	29/50	81	284	240/338	355/366
80	10	53/14	49/17	49/21	43/26	25/54	81	284	270/368	374/390
100	8	45/47	45/60	40/75	35/93	38/33	121	304	235/317	323/345
100	10	76/26	74/32	64/40	57/50	29/117	121	304	305/381	384/409
125	5	48/38	42/47	38/59	34/74	49/63	180	334	282/314	348/342
125	9	85/23	77/29	66/36	58/45	29/92	180	334	382/386	388/414
150	5	49/42	44/50	40/62	34/78	50/56	257	364	282/339	338/367
150	8	78/34	71/43	64/51	54/59	29/97	257	364	356/399	402/427
200	4	52/49	46/55	42/68	38/78	45/65	479	442	280/348	348/372
200	6	73/31	65/44	59/52	53/58	34/111	479	442	340/402	402/426
250	4	72/30	65/34	59/42	52/45	48/78	769	507	315/379	415/379
250	6	108/16	97/21	87/35	79/39	47/55	769	507	393/459	493/399
300	4	72/51	65/55	59/59	52/65	71/47	1105	562	366/427	466/467
300	6	108/32	97/35	87/37	79/41		1105	562	464/525	564/565



中国平安
PINGAN



Coliter® 柯立特

Eccentric half/ fully welded ball valve series

偏心半/全焊接球阀系列



PBQ3/6/940F/H/Y

侧装式偏心半球阀

Side mounted eccentric hemisphere valve



产品概述 Product overview

PBQ侧装式偏心半球阀是在消化吸收国外公司生产的对夹式大流量直通阀(Maxiflub-stellventile)的基础上研制成功的，其结构采用偏心一楔紧原理通过传动机构达到闸紧、调节、关闭的目的，密封副是金属面环带硬面接触的密封，双偏心结构在开启时阀芯位于藏球室内，流量截面大，且阀门不被冲刷，关闭时阀芯不被冲刷，开启时阀芯球面沿阀座渐近，有效地切除结垢障碍，实现可靠密封。它对两相混流易结垢固体析出的混流输送特别有效。第二个特点阀门的半球用双金属，母材上堆焊不同的合金，阀座也作相应堆焊经特殊的处理，密封面组合成防腐、耐磨、高强度等各种类型，满足不同场合需求，第三个特点密封严密，输送有害气体可达零泄漏，第四个特点是密封副的阀芯留有补偿量，当阀座磨损(阀座硬度低于阀芯)后，关闭时再转动少许，仍能可靠密封，延长使用寿命，此外，用户将压紧螺母拧掉，调整或更换后阀座仍可使用，避免了现行众多阀门密封失效整台报废的弊端。因此堆焊不同合金(或组合球)双金属密封副的选配可以用于耐磨、耐腐蚀、耐高温等且又要求严格密封的不同工业部门。

The PBQ side mounted eccentric hemispherical valve is developed on the basis of digesting and absorbing the Maxiflub stellventile, a wafer type large flow direct valve produced by foreign companies. Its structure adopts the principle of eccentricities and wedges to achieve the purpose of locking, adjusting, and closing through a transmission mechanism. The sealing pair is a metal face ring with a hard surface contact seal. The double eccentric structure is located in the ball storage chamber when opened, with a large flow section and no flushing of the valve. When closed, the valve core is not washed out, and when opened, the spherical surface of the valve core asymptotically moves along the valve seat, effectively removing scaling obstacles and achieving reliable sealing. It is particularly effective for mixed flow transportation where two-phase mixed flow is prone to scaling and solid precipitation. The second feature is that the hemisphere of the valve is made of bimetallic material, with different alloys deposited on the base material. The valve seat is also subjected to special treatment, and the sealing surface is composed of anti-corrosion, wear-resistant, high-strength and other types to meet the needs of different occasions. The third feature is that the sealing is tight, and harmful gases can be transported without leakage. The fourth feature is that the valve core of the sealing pair has a compensation amount. When the valve seat is worn (the hardness of the valve seat is lower than the valve core), turning it a little more when closed can still reliably seal and extend its service life. In addition, users can unscrew the compression nut, adjust or replace it, and the valve seat can still be used, avoiding the drawbacks of many existing valve sealing failures and scrapping the entire unit. Therefore, the selection of bimetallic sealing pairs for surfacing different alloys (or combination balls) can be used in different industrial departments that require strict sealing, such as wear resistance, corrosion resistance, and high temperature resistance.

主要性能规范 Main performance specifications

公称压力 Nominal pressure	0.6	1.0	1.6	2.0	2.5	4.0	5.0	6.4	10
壳体试验压力 Shell test pressure	0.9	1.5	2.4	3.0	3.8	6.0	7.5	9.6	15
高压密封试验 High pressure sealing test	0.68	1.1	1.8	2.2	2.8	4.4	5.5	7.1	11
适用介质及温度°C Applicable medium and temperature	PQ40FM型	水、蒸汽、纸浆等溶液 Solutions such as water, steam, pulp, etc							
	PQ40Y型	天然气、煤气、液化气、原油、重油 Natural gas, gas, liquefied gas, crude oil, heavy oil							
	PQ40Y型	溶液、矿浆、氧化铝粉、煤灰、含尘气体、废渣等 Solution, slurry, aluminum oxide powder, coal ash, dusty gas, waste residue, etc							

主要零部件材质 Materials of main parts

零件名称 Part Name	PQ40FM型	PQ40Y型	PQ40YM型
阀体 valve body	WCB/CF8	WCB/CF8	WCB/CF8
阀杆 Valve stem	2Cr13/304	2Cr13/304	2Cr13/304
阀芯密封副 Valve core sealing pair	WCB/CF8+Cr	WCB/CF8+硬化合金钢 WCB/CF8+Hardened Alloy Steel	特种硬化合金钢JK117/17Co合金 Special hardened alloy steel JK117/17Co alloy
阀座密封副 Valve seat sealing pair	PTFE/Molon	WCB/CF8+硬化合金钢 WCB/CF8+Hardened Alloy Steel	特种硬化合金钢JK117/17Co合金 Special hardened alloy steel JK117/17Co alloy

说明：1、产品法兰连接尺寸按GB/9113-2010，ASME/ANSI16.5规定的凸面法兰；

2、结构长度参考GB12221-2005，ASNE B16.10的规定；

3、制造和验收技术条件参照GB12237-89，API 6D；

4、压力试验按JB/T9092-1999，GB/T13927-92，API598的要求。

Explanation: 1. The flange connection size of the product shall comply with the raised face flange specified in GB/9113-2010, ASME/ANSI16.5;

2. The structural length shall refer to the provisions of GB12221-2005 and ASNE B16.10;

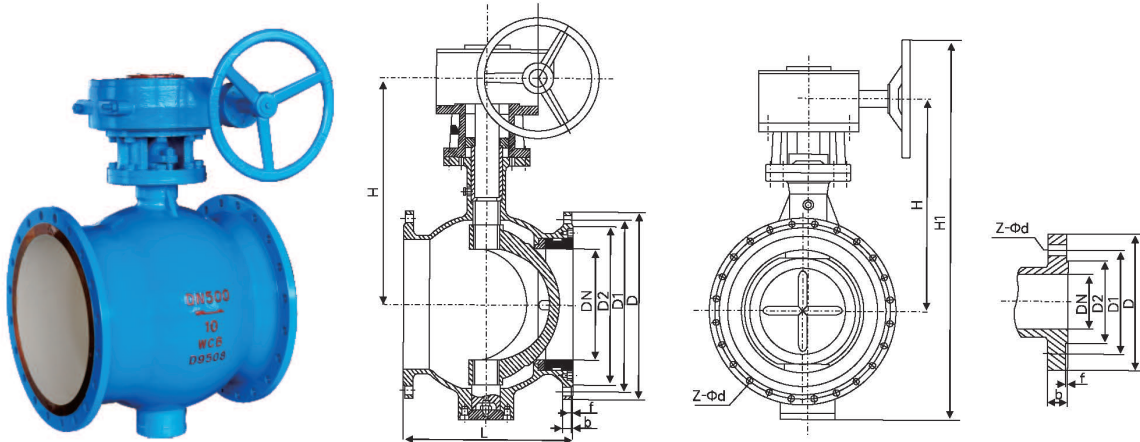
3. The manufacturing and acceptance technical conditions refer to GB12237-89, API 6D;

4. The pressure test shall comply with the requirements of JB/T9092-1999, GB/T13927-92, and API598.

PBQ3/6/940F/H/Y

侧装式偏心半球阀

Side mounted eccentric hemisphere valve



◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位Unit:mm

公称压力 Nominal pressure PN(MPa)	DN	尺寸 Size						
		L	D	D1	D2	b-f	Z-Φd	扭矩 TORQUE
H PQ40Y 0.6 F	50	178	140	110	88	14-3	4-14	41
	65	190	160	130	108	14-3	4-14	66
	80	203	190	150	124	16-3	4-18	87
	100	229	210	170	144	16-3	4-18	138
	125	254	240	200	174	18-3	8-18	186
	150	267	265	225	199	18-3	8-18	234
	200	292	320	280	254	20-3	8-18	462
	250	330	375	335	309	22-3	12-18	795
	300	356	440	395	363	22-4	12-22	1080
	350	381	490	445	413	22-4	12-22	1440
	400	430	540	495	463	22-4	16-22	2280
	450	505	595	5850	518	22-4	16-22	2730
	500	560	645	600	568	24-4	20-22	3438
	600	660	755	705	667	30-5	20-26	5424
	700	750	865	810	775	30-5	24-26	8220
	800	800	975	920	880	30-5	24-30	11400
	900	950	1075	1020	980	34-5	24-30	17400
	1000	1050	1175	1120	1080	38-5	28-30	23100
	1200	1300	1405	1340	1295	42-5	32-33	28620
	1400	1500	1630	1560	1510	56-5	36-36	43200
1600	1700	1830	1760	1710	63-5	40-36	58200	
1800	1800	2045	1970	1920	68-5	44-39	87000	
2000	2000	2265	2180	2125	74-5	48-42	155000	

注：本产品法兰密封面型式按GB/T9113-2010规定的凸面法兰，当用户法兰密封面形式与表中规定不同时，应在供货合同中注明。
 Note: The flange sealing surface type of this product is in accordance with the raised face flange specified in GB/T9113-2010. If the sealing surface type of the user's flange is different from that specified in the table, it should be specified in the supply contract.

PBQ3/6/940F/H/Y

侧装式偏心半球阀

Side mounted eccentric hemisphere valve



◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位Unit:mm

公称压力 Nominal pressure PN(MPa)	DN	尺寸 Size						
		L	D	D1	D2	b-f	Z-Φd	扭矩 TORQUE
PQ40 ^H _F 1.0	50	178	165	125	99	18-3	4-18	57
	65	190	185	145	118	18-3	8-18	90
	80	203	200	160	132	20-3	8-18	122
	100	229	220	180	156	20-3	8-18	192
	125	254	250	210	184	22-3	8-18	260
	150	267	285	240	211	22-3	8-22	324
	200	292	340	295	266	24-3	8-22	647
	250	330	395	350	319	26-3	12-22	1105
	300	356	445	400	370	26-4	12-22	1502
	350	381	505	460	429	26-4	16-22	1946
	400	430	565	515	480	26-4	16-26	3164
	450	505	615	565	530	28-4	20-26	3793
	500	560	670	620	582	28-4	20-26	4769
	600	660	780	725	682	34-5	20-30	7529
	700	750	895	840	794	35-5	24-30	11420
	800	800	1015	950	901	38-5	24-33	15840
	900	950	1115	1050	976	38-5	28-33	24200
	1000	1050	1230	1160	1080	44-5	28-36	32000
	1200	1300	1455	1380	1292	48-5	28-39	39770
	1400	1500	1675	1590	1530	52-5	36-42	60000
1600	1700	1915	1820	1750	56-5	40-48	81000	
1800	1800	2115	2020	1950	60-5	44-48	120000	
2000	2000	2325	2230	2150	70-5	48-48	212000	
PQ40 ^H _F 1.6	50	178	165	125	99	18-3	4-18	68
	65	190	185	145	118	18-3	8-18	110
	80	203	200	160	132	20-3	8-18	145
	100	229	220	180	156	20-3	8-18	230
	125	254	250	210	184	22-3	8-18	310
	150	267	285	240	211	22-3	8-22	390
	200	292	340	295	266	24-3	12-22	770
	250	330	405	355	319	26-3	12-26	1325
	300	356	460	410	370	28-4	12-26	1800
	350	381	520	470	429	30-4	16-33	2400
	400	430	580	525	480	32-4	16-30	3800
	450	505	640	585	548	40-4	20-30	4550
	500	560	715	650	609	44-4	20-22	5730
	600	660	840	770	720	46-5	20-36	9040
	700	750	910	840	794	48-5	24-36	13700
	800	800	1025	950	901	52-5	24-39	19000
	900	950	1125	1050	966	54-5	28-39	29000
	1000	1050	1255	1170	1070	56-5	28-42	38500
	1200	1300	1485	1390	1278	64-5	32-48	47700
	1400	1500	1685	1590	1530	68-5	36-48	72000
1600	1700	1930	1820	1750	70-5	40-55	97000	
1800	1800	2130	2020	1950	78-5	44-55	145000	
2000	2000	2345	2230	2150	84-5	48-60	246500	

注：本产品法兰密封面型式按GB/T9113-2010规定的凸面法兰，当用户法兰密封面形式与表中规定不同时，应在供货合同中注明。

Note: The flange sealing surface type of this product is in accordance with the raised face flange specified in GB/T9113-2010. If the sealing surface type of the user's flange is different from that specified in the table, it should be specified in the supply contract.

DYQ3/6/940F/H/Y

上装式偏心半球阀

Top mounted eccentric hemisphere valve



产品概述 Product overview

上装式偏心半球阀是在吸收消化国内外的先进技术而研发成功的新产品，它是将金属球冠固定在偏心球体上，通过偏心曲轴的90度旋转，实现阀门的启闭，与金属球冠密封面接触的的金属阀座在轴向和径向浮动，以补偿球冠与阀座的配合。该阀应用于石油、化工、电力和冶金等行业，阀门结构采用偏心楔紧原理，通过传动机构达到闸紧、调节、关闭的目的，密封圈与球冠都是金属面环带硬面接触密封，双偏心结构阀门在开启时球体藏于阀腔内，流通截面大，且阀门不被冲刷，流阻小。关闭时阀芯不被冲刷，关闭时阀芯球面沿阀座渐进，具有剪切功能，有效地切除结垢障碍，实现可靠密封。它对容易结垢的介质输送特别有效。本阀半球是将金属球冠固定在偏心球体上，在球体上装不同合金的球冠，阀座也作相应堆焊合金，经特殊的处理，密封面组合成防腐、耐磨、耐高温等各种类型，满足不同场合需求。阀座与球冠留有补偿量，当阀座磨损后，关闭时再转动少许，仍能可靠密封，延长使用寿命。本阀最大的特点是在工况装置系统卸压后，阀门可在线检查和维修，检修时只需打开阀盖吊出球冠和支承体而不必将整个阀门从管道上卸下来。

Top mounted eccentric hemispherical valve is a new product developed successfully by absorbing and digesting the advanced technology at home and abroad. It is a new type of valve that the metal ball crown is fixed on the eccentric ball. Through the 90 degree rotation of the eccentric crankshaft, the valve can be opened and closed. The metal seat in contact with the sealing surface of the metal ball crown floats in the axial and radial direction to compensate the coordination between the ball crown and the valve seat. The valve is used in petroleum, chemical, electric power, metallurgy and other industries. The valve structure adopts the eccentric wedge tightening principle, and achieves the purpose of locking, adjusting and closing through the transmission mechanism. The sealing ring and ball crown are metal face ring with hard surface contact seal. When the double eccentric structure valve is opened, the ball body is hidden in the valve cavity, with large flow section, and the valve is not scoured, and the flow resistance is small. When the valve is closed, the valve core will not be washed. When the valve is closed, the spherical surface of the valve core will gradually move along the valve seat. It has the shear function, which can effectively remove the scaling obstacles and achieve reliable sealing. It is especially effective for medium transportation which is easy to scale. The hemisphere of the valve is to fix the metal ball crown on the eccentric ball. Different alloy ball crowns are installed on the ball. The valve seat is also made of corresponding surfacing alloy. After special treatment, the sealing surface is assembled into various types, such as anti-corrosion, wear-resistant, high temperature resistant, etc., to meet the needs of different occasions. The valve seat and the ball crown have compensation. When the valve seat is worn, it can be reliably sealed and the service life can be prolonged by turning a little when it is closed. The biggest feature of the valve is that the valve can be inspected and maintained online after the pressure relief of the device system under working conditions. During the maintenance, it only needs to open the valve cover to lift out the ball crown and support body, and does not have to unload the whole valve from the pipeline.

执行标准 Performance standard

设计和制造 Design and manufacture	检验和试验 Inspection and trial	法兰连接 Flange connection	结构长度 Structural length
GB/T12237-2007	GB/T13927-2008	GB/T9113, JB/T79 HG20596, SH3406	JD-2004

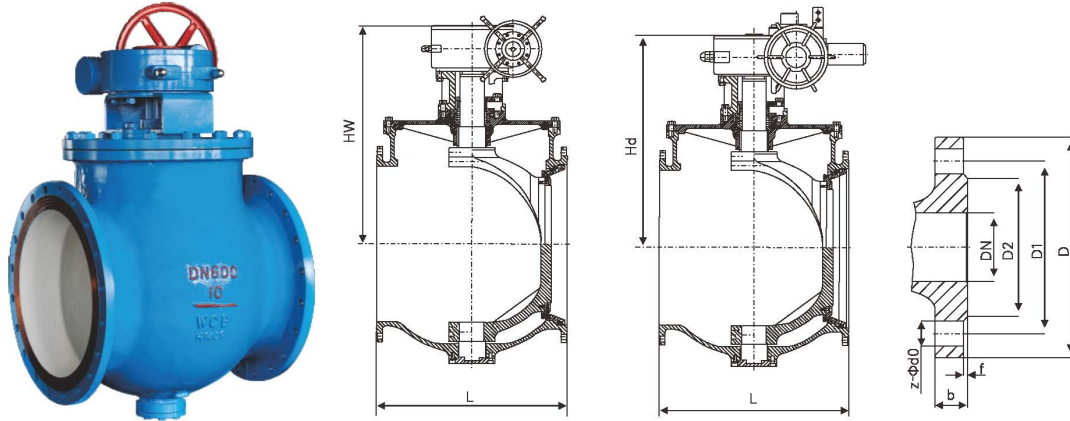
主要性能规范 Main performance specifications

公称压力 PN Nominal pressure	1.0	1.6	2.5	4.0
常温最大工作压力(MPa) Maximum working pressure at normal temperature	1.0	1.6	2.5	4.0
壳体强度试验压力(MPa) Shell strength test pressure	1.5	2.4	3.8	6.0
气密封试验压力(MPa) Airtight test pressure	0.6	0.6	0.6	0.6
高压密封试验压力(MPa) High pressure seal test pressure	1.1	1.76	2.75	4.4
适用温度(°C) Applicable temperature	软密封Soft seal: -40°C~200°C; 硬密封Hard seal: -29°C~600°C			
适用介质 Applicable medium	天然气、水蒸汽、油品类、酸类、碱类、煤粉、煤灰、 废渣、泥浆、含颗粒状、含纤维等各类介质。 Natural gas, water steam, oil products, acids, alkalis, pulverized coal, coal ash Waste slag, mud, granular, fiber and other media.			
传动形式 Transmission form	蜗轮传动、电动传动、气动传动、液动传动 Worm gear drive, electric drive, pneumatic drive, hydraulic drive			

DYQ3/6/940F/H/Y

上装式偏心半球阀

Top mounted eccentric hemisphere valve

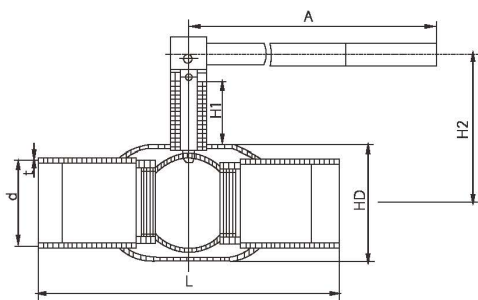


◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位Unit:mm

公称压力 Nominal pressure PN(MPa)	DN	尺寸 Size							
		L	D	D1	D2	b-f	Z-φd0	扭矩 TORQUE	缩径 Reducing
H DYQ340Y 1.0 F	50	178	165	125	100	18-2	4-18	57	38
	65	190	185	145	120	18-2	8-18	90	49
	80	203	200	160	135	20-2	8-18	122	62
	100	229	220	180	156	22-2	8-18	192	74
	125	254	250	210	184	22-2	8-18	260	100
	150	267	285	240	211	24-2	8-22	324	123
	200	292	340	295	266	24-2	8-22	647	150
	250	330	395	350	319	26-2	12-22	1105	200
	300	356	445	400	370	26-2	12-22	1502	250
	350	430	505	460	429	26-2	16-22	1946	266
	400	530	565	515	480	26-2	16-26	3164	303
	450	580	615	565	530	28-2	20-26	3793	334
	500	630	670	620	582	28-2	20-26	4769	385
	600	800	780	725	682	34-2	20-30	7529	487
	700	900	895	840	794	34-5	24-30	11420	538
	800	1000	1015	950	901	36-5	24-33	15840	589
	900	1100	1115	1050	1001	38-5	28-33	24200	684
	1000	1200	1230	1160	1112	38-5	28-36	32000	779
	1200	1300	1455	1380	1328	44-5	32-39	39770	874
	1400	1500	1675	1590	1530	48-5	36-42	60000	976
1600	1800	1915	1820	1750	52-5	40-48	81000	1166	
1800	2000	2115	2020	1950	56-5	44-48	120000	1460	
2000	2200	2325	2230	2150	60-5	48-48	212000	1580	
H DYQ340Y 1.6 F	50	178	165	125	100	18-2	4-18	68	38
	65	190	185	145	120	18-2	8-18	110	49
	80	203	200	160	135	20-2	8-18	145	62
	100	229	220	180	156	22-2	8-18	230	74
	125	254	250	210	184	22-2	8-18	310	100
	150	267	285	240	211	24-2	8-22	390	123
	200	292	340	295	266	24-2	12-22	770	150
	250	330	405	355	319	26-2	12-26	1325	200
	300	356	460	410	370	28-2	12-26	1800	250
	350	430	520	470	429	30-2	16-26	2400	266
	400	530	580	525	480	32-2	16-30	3800	303
	450	580	640	585	548	40-2	20-30	4550	334
	500	630	715	650	609	44-2	20-33	5730	385
	600	800	840	770	720	54-2	20-36	9040	487
	700	900	910	840	794	50-5	24-36	13700	538
	800	1000	1025	950	901	42-5	24-39	19000	589
	900	1100	1125	1050	1001	44-5	28-39	29000	684
	1000	1200	1255	1170	1112	46-5	28-42	38500	779
	1200	1300	1485	1390	1328	52-5	32-48	47700	874
	1400	1500	1685	1590	1530	58-5	36-48	72000	976
1600	1800	1930	1820	1750	64-5	40-55	97000	1166	
1800	2000	2130	2020	1950	68-5	44-55	145000	1460	
2000	2200	2345	2230	2150	70-5	48-60	246500	1580	

PN25, DN50-200标准型全焊接钢制球阀 Standard fully welded steel ball valve



One body welded ball valve, free from external leakage and other phenomena.

Due to the fact that the valve seat is composed of carbon fiber reinforced Teflon sealing rings and disc springs, it has strong adaptability to pressure and temperature changes, and will not produce any leakage within the marked pressure and temperature range. The machining process of the sphere is tracked and detected by advanced computer detectors, so the machining accuracy of the sphere is high. Due to the fact that the valve body material, like the pipeline material, does not exhibit uneven stress, nor does it deform due to earthquakes or vehicles passing through the ground, the pipeline is resistant to aging. The sealing ring body is made of RPTFE material with a carbon content of 20%, ensuring complete leak free (0%). Directly buried welded ball valves can be directly buried underground, without the need to build large valve wells. Instead, small shallow wells need to be installed on the ground, greatly saving construction costs and engineering time. The length of the valve body and the height of the valve stem can be adjusted according to the construction and design requirements of the pipeline. The machining accuracy of the sphere is very precise, with easy operation and no adverse interference. Using advanced raw materials, it can withstand pressures above PN25. Compared with products of the same specification in the same industry, the valve body is small and has a beautiful appearance. The service life of the valve should be over 15 years while ensuring its normal operation and use.

◎用途 Use to

城市燃气：燃气输出管道、主干线及各支线供应管道等。
集中供热：大型供热设备输出管线、主干线、支线。热交换机：管道及各回路启闭。
钢铁厂：各种流体管道、废气排放管道、煤气和热力供应管道燃料供应管道。
各种工业设备：各种热处理管道、各种工业煤气和热力管道。

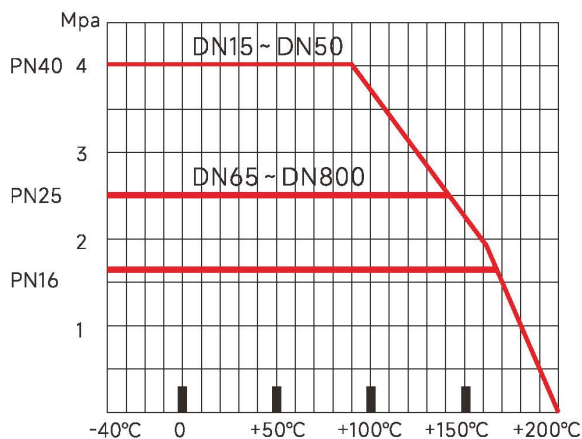
Urban gas: gas output pipelines, main lines, and supply pipelines for various branch lines.
Central heating: Large heating equipment output pipelines, trunk lines, and branch lines. Heat exchanger: opening and closing of pipelines and various circuits.
Steel plant: various fluid pipelines, exhaust emission pipelines, gas and heat supply pipelines, fuel supply pipelines.
Various industrial equipment: various heat treatment pipelines, various industrial gas and heating pipelines.

◎特性 Characteristic

一体式焊接球阀、不会有外部泄漏等现象。

由于阀座是由碳纤维增强特氟隆密封环及碟形簧构成的，所以对压力和温度的变化适应能力强，在标注压力和温度范围内不会产生任何泄漏。球体的加工过程有先进的计算机检测仪跟踪检测，所以球体的加工精度高。由于阀体材料跟管道材质一样不会出现应力不均，也不会由于地震及车辆经过地面时而产生变形，管道耐老化。密封环本体采用含量20%Carbon(碳素)的RPTFE材质，保障完全无泄漏(0%)。直埋式焊接球阀可以直接埋于地下，不用建大型阀门井，只需在地面上设置小型浅井大大节省施工费用及工程时间。可根据管道的施工及设计要求调整阀体的长短和阀杆的高度。球体的加工精度非常精密，操作轻便，无不良干涉。采用高级的原材料，能保PN25以上的压力。与同类行业的同种规格产品相比，阀体小，而且外型美观。在保证阀门正常操作、使用情况下，使用寿命在15年以上。

◎温度压力曲线表 Temperature pressure curve table



◎主要零部件材质 Materials of main parts

序号 No.	部件名称 Component Name	材质 Material quality
1	阀体 Valve body	碳钢 Carbon steel
2	球 Ball	304不锈钢 Stainless steel (304)
3	球垫 Ball pad	PTFE+20%C
4	弹簧垫圈 Washer	60Si2MnA
5	阀杆 Valve stem	301不锈钢 Stainless steel (SS301)
6	O型圈 O-ring	FPM

◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位 Unit:mm

DN	公称直径 Nominal diameter	DH	d		t	L	H1	H2	A
			A/B						
50	40	89	60.3/57		4	300	35	135	180
65	50	108	76.1/76		4	300	35	144	275
80	65	133	88.9/89		5	300	44	154	275
100	80	159	114.6/108		5	325	50	193	385
125	100	193	139.7/133		5	325	62	218	365
150	125	219	168.3/159		6	350	83	343	650
200	150	273	219/219		7	400	84	345	800

PN25, DN125-600标准型全焊接钢制球阀 Standard fully welded steel ball valve

◎安装 Install

所有钢质球阀的末端焊接采用电焊或手工焊接。应避免阀室过热。焊接末端距离不能过短，确保不会将焊接过程产生的热量对密封材料造成破坏。安装过程中应将阀门全部打开。

The end welding of all steel ball valves adopts electric welding or manual welding. Valve chamber overheating should be avoided. The distance between the welding ends should not be too short to ensure that the heat generated during the welding process does not damage the sealing material. During the installation process, all valves should be opened.

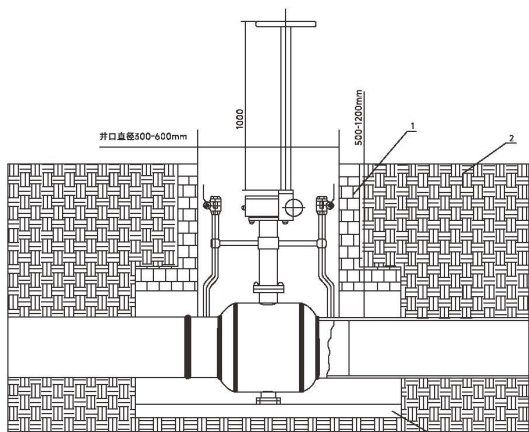
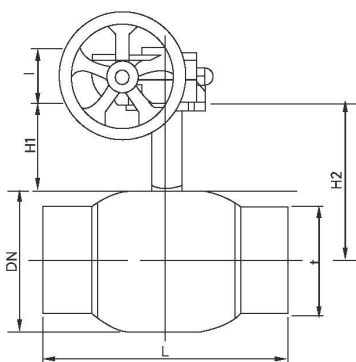
◎结构特点 Structural characteristics

1. 阀体采用无缝钢管压制成型。
2. 阀门的整体结构采用全焊接制造工艺、减少了外泄漏；阀门重量大大减轻，安装更便捷。
3. 采用单性垫圈及碳纤维增强密封圈，可经受几次往复运动无泄漏，保证阀门的使用寿命。
4. 阀门的密封可以在-40℃~200℃的条件下连续使用而不会失效。
5. 连接方式有对焊、法兰、螺纹连接等形式。开启采用手柄、涡轮传动、电动等方式。
6. 长杆直埋焊球阀可以深埋地下，不用设置阀门井、操作者只需在地上用手柄或涡轮传动机构操作即可，非常方便。
7. 全焊接球阀广泛用于城市集中供热、天然气输送管线、调压站等领域。是工程首选的阀门。

1. The valve body is formed by pressing seamless steel pipes.
2. The overall structure of the valve adopts a fully welded manufacturing process to reduce external leakage. The weight of the valve is greatly reduced and installation is more convenient.
3. Adopting single sex gaskets and carbon fiber reinforced sealing rings, it can withstand tens of thousands of reciprocating movements without leakage, ensuring the service life of the valve.
4. The sealing of the valve can be used continuously at -40 °C ~200 °C without failure.
5. The connection methods include butt welding, flange, threaded connection, and other forms. The opening adopts methods such as handle, turbine drive, and electric drive.
6. Long rod direct buried welding from ball valves can be deeply buried underground, without the need for valve wells. The operator only needs to operate on the ground with a handle or turbine transmission mechanism, which is very convenient.
7. Fully welded ball valves are widely used in urban centralized heating, natural gas transmission pipelines, pressure regulating stations, and other fields. It is the preferred valve for engineering.

◎全焊接球阀的特点 Characteristics of fully welded valves

1. 技术国内领先，免维护，寿命长。
 2. 焊接工艺独特，具有无气孔、无砂眼，承压高、阀体零泄漏。
 3. 采用高品质不锈钢球体，双层支撑式密封结构，球体支撑科学合理。
 4. 密封垫用特氟龙、镍、石墨等材料制成，并经过碳化处理。
 5. 阀井费用低，开启操作方便。
 6. 直埋式焊接球阀阀体长度可以根据埋深尺寸确定。
 7. 设有高压状态下也能防止润滑密封剂倒流的逆止阀形式注脂口。
 8. 根据管道系统个质的需要，阀门设了放散、排污、防止装置。
 9. 数控生产设备，强大技术支持，软硬件搭配合理。
1. Leading technology domestically, maintenance free, and long service life.
 2. The welding process is unique, with no pores or sand holes, high pressure resistance, and zero leakage of the valve body.
 3. Adopting high-quality stainless steel balls and a double-layer supporting sealing structure, the ball support material is reasonable.
 4. The sealing gasket is made of materials such as Teflon, nickel, graphite, and has undergone carbonization treatment.
 5. The valve well has low cost and convenient opening operation.
 6. The length of the directly buried welded ball valve body can be determined based on the burial depth dimension.
 7. Equipped with a non return valve type grease injection port that can prevent backflow of lubricating sealant under high pressure.
 8. According to the individual needs of the pipeline system, valves are equipped with devices for release, discharge, and prevention.
 9. CNC production equipment, strong technical support, and reasonable combination of software and hardware.



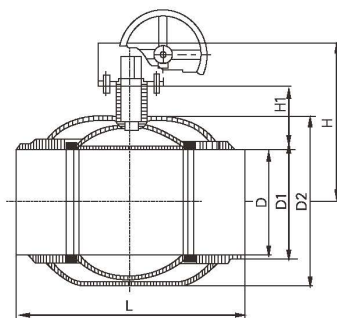
全焊接直埋式球阀安装示意图
Installation diagram of fully welded direct buried ball valve
1. 砖块 2. 土壤 3. 混凝土 1. Bricks 2. Soil 3. Concrete

◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位Unit:mm

DN	公称直径 Nominal diameter	DH	d		t	L	H1	H2	A
			A/B						
50	40	89	60.3/57		4	300	35	135	180
65	50	108	76.1/76		4	300	35	144	275
80	65	133	88.9/89		5	300	44	154	275
100	80	159	114.6/108		5	325	50	193	385
125	100	193	139.7/133		5	325	62	218	365
150	125	219	168.3/159		6	350	83	343	650
200	150	273	219/219		7	400	84	345	800

PN16/25, DN65-500 全口径焊接钢制球阀 Full bore welded steel ball valve

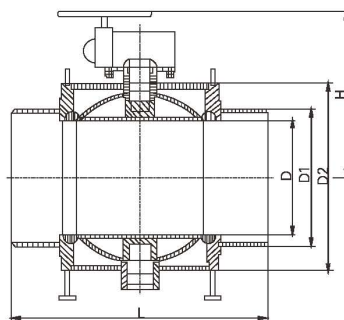


◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位Unit:mm

DN	PN	L	D	D1		D2	H	H1
				A/B				
50	25	300	50	60.3/57		108	204	58
65	25	300	65	76.1/76		133	224	72
80	25	325	80	88.9/89		159	244	79
100	25	325	100	114.3/108		193.7	269	79
125	25	350	125	139.7/133		219.1	365	109
150	25	410	150	168.3/159		273	422	112
200	25	520	200	219.1/219		351	520	129
250	25	635	250	273.0/273		425	555	138
300	25	688	300	323.9/325		508	637	179
350	25	762	350	355.6/377		610	680	197
400	25	914	400	406.4/426		680	750	229
500	25	1067	500	508/530		812	820	245

**PN25, DN50-DN1400 可加预保温全焊接钢制直埋球阀
Pre insulated fully welded steel directly buried ball valve can be added**

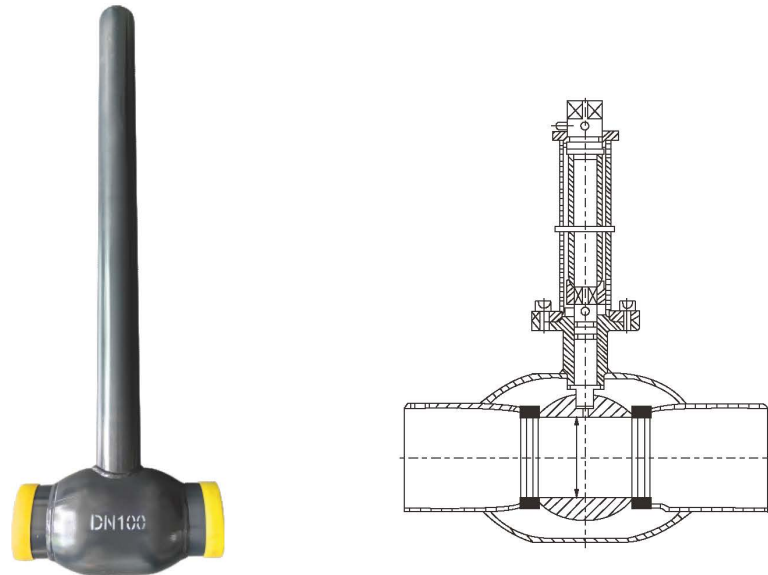


◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位Unit:mm

DN	D	D1		D2	L	H
		A/B				
50	40	60.3/57		89	300	190
65	50	76.1/76		114	300	204
80	65	88.9/89		140	300	224
100	80	114.3/108		165	325	244
125	100	139.7/133		194	350	289
150	125	168.3/159		219	350	356
200	150	219.1/219		267	410	390
250	200	273.1/273		355	520	580
300	250	323.8/325		457	635	636
350	300	355.6/377		508	686	683
400	350	406.4/426		600	762	774
450	350	457/480		600	762	774
500	385	508/530		660	914	827
600	487	610/630		812	1067	900
700	589	711/720		950	1346	1075
800	684	813/820		1110	1524	1120
900	779	914/920		1260	1727	1260
1000	874	1016/1020		1410	1840	1380
1200	978	1219/1220		1590	2100	1570
1400	1166	1422/1420		1830	2250	1826

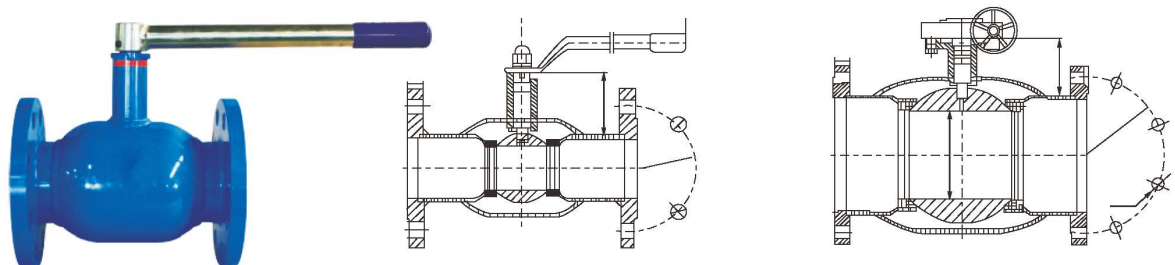
QA61F-25/40CS/QF61F-25/40CS长杆直埋(分体式)焊接球阀
Long rod direct buried (split type) welded ball valve



◎ **基本参数 Basic parameters**

规格 Specifications	DN15-DN400
工作压力 Working pressure	PN25-PN40
温度范围 Temperature range	-10°C-200°C

Q41F-25/40CS/Q341F-25CS法兰焊接球阀 Flange welded ball valve



◎ **基本参数 Basic parameters**

规格 Specifications	DN15-DN400
工作压力 Working pressure	PN25-PN40
温度范围 Temperature range	-10°C-200°C



中国平安
PINGAN



Coliter® 柯立特

Stainless steel valve series

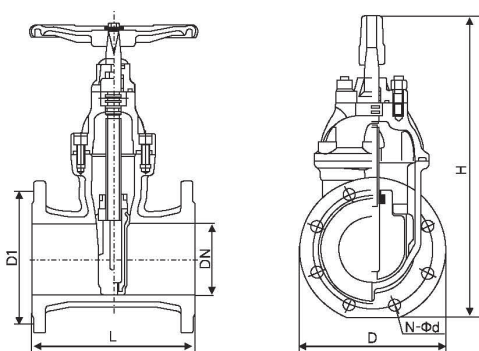
不锈钢阀门系列



Z45X

不锈钢软密封法兰暗杆闸阀

Stainless steel soft sealing flange non rising stem gate valve



产品概述 Product overview

Z45X暗杆软密封闸阀由阀体、阀盖、阀杆、阀杆螺母、闸板等零件组成。此阀利用弹性闸板产生微量弹性变形的补偿作用达到良好的密封效果，该阀具有开关轻巧、密封可靠、弹性记忆佳及使用寿命长等显著优点，采用全通径，暗杆操作，法兰螺栓连接，平底式阀座，无杂物沉淀，广泛用于自来水、污水、建筑、石油、化工、食品、医药、轻纺、电力、船舶、冶金、能源系统等流体管线上作为调节和截流装置使用。

Z45X non rising stem soft seal gate valve is composed of valve body, valve cover, valve stem, valve stem nut, gate plate, and other parts. This valve utilizes the compensation function of elastic rams to produce a small amount of elastic deformation to achieve a good sealing effect. The valve has significant advantages such as lightweight opening and closing, reliable sealing, good elastic memory, and long service life. It adopts full bore, non rising stem operation, flange bolt connection, flat bottom valve seat, and no debris deposition. It is widely used in tap water, sewage, construction, petroleum, chemical industry, food, medicine, textile, electric power, shipbuilding, metallurgy Used as a regulating and intercepting device on fluid pipelines such as energy systems.

执行标准 Executive standard

设计标准 Design standards	GB/24924-2010
结构长度标准 Structure length standard	GB/T12221-2005
试验标准 Test standards	GB/T13927-2008
法兰标准 Flange standard	GB/T17241.6-2008

主要性能规范 Main performance specification

公称压力 Nominal pressure	1.0~2.5MPa
公称通径 Nominal diameter	50~800mm
适用介质 Applicable medium	水、油、气等 Water, oil, gas, etc
工作温度 Working temperature	-10~80°C

主要零部件材质 Materials of main parts

名称 Name	材料 Material
阀体 Valve body	CF8
闸板 Flashboard	CF8+三元乙丙或丁腈橡胶 CF8+EPDM or nitrile rubber
阀盖 Bonnet	CF8
阀杆 valve stem	CF8
螺栓 Bolt	CF8
压盖 Gland	CF8

主要外形尺寸和连接尺寸 Main shape size and connection size

单位Unit:mm

DN	L	H	D		D1		N-φd	
			1.0/1.6MPa	1.0MPa	1.6MPa	1.0MPa	1.6MPa	
50	178	340	165	125	125	4-19	4-19	
65	190	370	185	145	145	4-19	4-19	
80	203	410	200	160	160	8-19	8-19	
100	229	450	220	180	180	8-19	8-19	
125	254	480	250	210	210	8-19	8-19	
150	267	550	285	240	240	8-23	8-23	
200	292	630	340	295	295	8-23	12-23	
250	330	750	405	350	355	12-23	12-28	
300	356	820	460	400	410	12-23	12-28	
350	381	980	520	460	470	16-28	16-28	
400	406	1010	580	515	525	16-28	16-31	
450	432	1270	640	565	585	20-28	20-31	
500	457	1270	715	620	650	20-28	20-34	
600	508	1390	840	725	770	20-31	20-37	
700	610	1550	910	840	840	24-31	24-37	
800	660	1750	1025	950	950	24-34	24-40	

Z41X

不锈钢软密封法兰明杆闸阀

Stainless steel soft seal flange rising stem gate valve



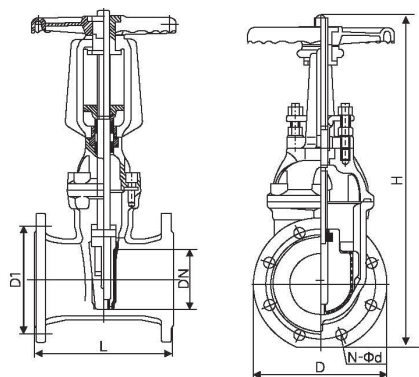
产品概述 Product overview

Z41X明杆软密封闸阀，除具有弹性座封闸阀的优点之外，并可以较直观阀门开度，启闭迅速可靠，故常应用消防及工业系统。一般安装于距地面较高位置。

Z41X rising stem soft seal gate valve, in addition to the advantages of elastic seat seal gate valve, can also be more intuitive valve opening, rapid and reliable opening and closing, so it is often used in fire protection and industrial systems. Generally installed at a higher position from the ground.

执行标准 Executive standard

设计标准 Design standards	GB/24924-2010
结构长度标准 Structure length standard	GB/T12221-2005
检验与试验 Inspection and Testing	GB/T13927-2008
法兰标准 Flange standard	GB/T17241.6-2008



主要零部件材质 Materials of main parts

名称 Name	材料 Material
阀杆螺母 Stem Nut	SS304
压盖 Gland	CF8
阀杆 valve stem	CF8
闸板 Flashboard	CF8+三元乙丙或丁腈橡胶 CF8+EPDM or nitrile rubber
阀体 Valve body	CF8

主要性能规范 Main performance specification

公称压力 Nominal pressure	1.0~2.5MPa
公称通径 Nominal diameter	50~600mm
工作温度 Working temperature	-10~80°C
适用介质 Applicable medium	水、油、气等 Water, oil, gas, etc

主要外形尺寸和连接尺寸 Main shape size and connection size

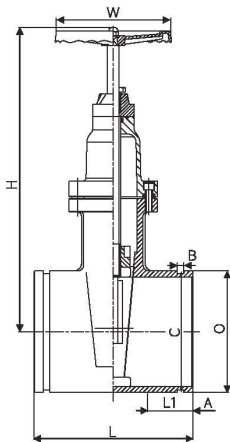
单位Unit:mm

DN	L	H	D			N-Φd	
			1.0/1.6MPa	1.0MPa	1.6MPa	1.0MPa	1.6MPa
50	178	330	165	125	125	4-19	4-19
65	190	340	185	145	145	4-19	4-19
80	203	380	200	160	160	8-19	8-19
100	229	470	220	180	180	8-19	8-19
125	254	490	250	210	210	8-19	8-19
150	267	580	285	240	240	8-23	8-23
200	292	780	340	295	295	8-23	12-23
250	330	960	405	350	355	12-23	12-28
300	356	1075	460	400	410	12-23	12-28
350	381	1185	520	460	470	16-28	16-28
400	406	1290	580	515	525	16-28	16-31
450	432	1480	640	565	585	20-28	20-31
500	457	1760	715	620	650	20-28	20-34
600	508	1860	840	725	770	20-31	20-37

Z81X

不锈钢软密封沟槽闸阀

Stainless steel soft seal groove gate valve



产品概述 Product overview

一般闸阀往往在通水冲洗管过后即因外物诸如水泥块、铁屑等杂物淤积于阀J底凹槽内，容易造成无法关闭紧密而形成漏水现象，弹性座封闸阀底部均采用与管道相同的平底设计，不易造成杂物淤积，使流体畅通无阻。

由于阀杆与阀盖采用三道“O”型环密封圈密封设计，可减少开关时的摩擦阻力，大幅度减少漏水现象及可以不停管路内介质流动进行了更换密封圈。

Generally, gate valves often accumulate foreign objects such as cement blocks and iron debris in the bottom groove of the valve J after flushing the pipe with water, which can easily cause water leakage due to inability to close tightly. The bottom of the elastic seat sealed gate valve adopts the same flat bottom design as the pipeline, which is not easy to cause debris accumulation and allows the fluid to flow unobstructed.

Due to the use of three "O" ring sealing designs between the valve stem and valve cover, the friction resistance during switching can be reduced, water leakage can be greatly reduced, and the sealing ring can be replaced without stopping the flow of medium in the pipeline.

执行标准 Executive standard

设计标准 Design standards	GB/T12238
结构长度标准 Structure length standard	GB/T12221
检验与试验 Inspection and Testing	GB/T13927-89

主要零部件材质 Materials of main parts

名称 Name	材料 Material
阀体 Valve body	CF8
阀板 Valve plate	CF8
阀杆螺母 Stem Nut	CF8
阀杆 valve stem	SS304
阀盖 Bonnet	CF8

主要外形尺寸和连接尺寸 Main shape size and connection size

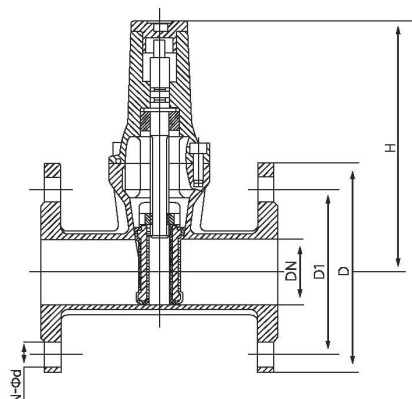
单位Unit:mm

DN	PIPE DIA. O	L		L	H	H1	W
		F5	SABS				
50	63	250	335	77	300	340	180
65	75	270	335	80	310	350	180
80	90	280	335	84	350	390	200
100	110	300	355	88	380	420	220
125	125	325	375	91	420	460	220
125	140	325	375	91	420	460	220
150	160	350	405	94	470	510	250
200	200	400	450	100	590	630	280
200	225	400	450	100	590	630	280
250	250	450	450	125	680	720	320
300	315	500	500	140	790	830	360

ZJM45X

不锈钢软密封法兰加密闸阀

Stainless steel soft seal flange densified gate valve



产品概述 Product overview

带锁软密封闸阀该产品全机械装置，启闭到任何位置均可实现自锁，操作简单，经久耐用，不易损坏，防盗效果极好，非专用钥匙无法打开，安装在自来水管、小区供暖管道或其他管道上可有效避免偷用现象，非常方便管理。

Lockable soft seal gate valve This product is a fully mechanical device that can achieve self-locking when opened or closed to any position. It is simple to operate, durable, not easily damaged, and has excellent anti-theft effect. It cannot be opened without a dedicated key. It can effectively avoid theft when installed on water pipes, residential heating pipes, or other pipes, and is very convenient for management.

执行标准 Executive standard

设计标准 Design standards	GB/T12238
结构长度标准 Structure length standard	GB/T12221
检验与试验 Inspection and Testing	GB/T13927-89
法兰标准 Flange standard	GB/T172416-2008

主要零部件材质 Materials of main parts

名称 Name	材料 Material
阀体 Valve body	CF8
阀板 Valve plate	CF8
阀杆螺母 Stem Nut	CF8
阀杆 valve stem	SS304
阀盖 Bonnet	CF8

主要性能规范 Main performance specification

公称通径 Nominal diameter	50~400mm		
公称压力 Nominal pressure	1.0MPa	1.6MPa	
试验压力 Test pressure	强度试验 Strength test	1.5MPa	2.4MPa
	密封试验 Sealing test	1.1MPa	1.76MPa
	气封试验 Gas seal test	0.6MPa	
适用温度 Applicable temperature	-10~80°C		
适用介质 Applicable medium	水、油等 Water, oil, etc		

主要外形尺寸和连接尺寸 Main shape size and connection size

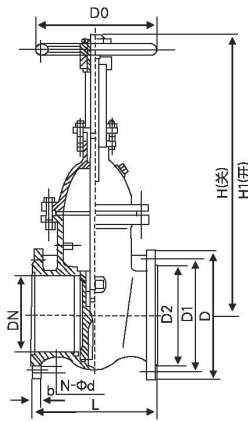
单位Unit:mm

DN	L	H	D			N-Φd	
			1.0/1.6MPa	1.0MPa	1.6MPa	1.0MPa	1.6MPa
50	178	152	165	125	125	4-19	4-19
65	190	156	185	145	145	4-19	4-19
80	203	213	200	160	160	8-19	8-19
100	229	255	220	180	180	8-19	8-19
125	254	271	250	210	210	8-19	8-19
150	267	335	285	240	240	8-23	8-23
200	292	427	340	295	295	8-23	12-23
250	330	640	405	350	355	12-23	12-28
300	356	707	460	400	410	12-23	12-28
350	381	807	520	460	470	16-28	16-28
400	406	880	580	515	525	16-28	16-31
450	432	-	640	565	585	20-28	20-31
500	457	-	715	620	650	20-28	20-34
600	508	-	840	725	770	20-31	20-37

Z45T

不锈钢法兰闸阀

Stainless steel flange gate valve



产品概述 Product overview

本阀广泛用于石油、化工、制药、电力等行业，在公称压力 ≤ 1.6 MPa蒸汽、水、油品介质的管路上作启闭用。

This valve is widely used in industries such as petroleum, chemical, pharmaceutical, and power, and is used for opening and closing on pipelines with nominal pressure ≤ 1.6 MPa for steam, water, and oil media.

主要性能规范 Main performance specification

公称压力(MPa) Nominal pressure	试验压力 (MPa) Test pressure		适用温度 Applicable temperature	适用介质 Applicable medium
	强度(水)(MPa) Strength (water)	密封(水)(MPa) Sealing (water)		
1.6	2.4	1.76	≤ 200	水、蒸汽、油品 Water, steam, oil
			≤ 100	

主要零部件材质 Materials of main parts

名称 Name	材料 Material
阀体 Valve body	CF8
阀板 Valve plate	CF8
阀杆螺母 Stem Nut	CF8
阀杆 valve stem	SS304
阀盖 Bonnet	CF8

主要外形尺寸和连接尺寸 Main shape size and connection size

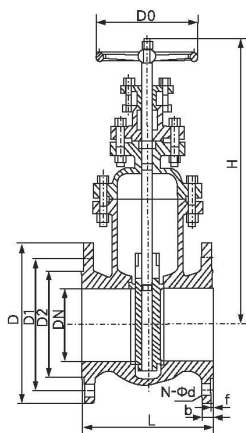
单位Unit:mm

DN	D		D1		N-Φd		L	H
	1.0MPa	1.6MPa	1.0MPa	1.6MPa	1.0MPa	1.6MPa		
50	165		125		4-19		178	340
65	185		145		4-19		190	370
80	200		160		8-19		203	410
100	220		180		8-19		229	450
125	250		210		8-19		254	480
150	285		240		8-23		267	550
200	340		295		8-23	12-23	292	630
250	405	350	355		12-23	12-28	330	750
300	460	400	410		12-23	12-28	356	820
350	520	460	470		16-23	16-28	381	980
400	580	515	525		16-28	16-31	406	1010
450	640	565	585		20-28	20-31	432	1270
500	715	620	650		20-28	20-34	457	1270
600	840	725	770		20-31	30-37	508	1390
700	910		840		24-30		610	1900
800	1010		950		24-34		660	2000
900	1110		1050		28-34		711	2089
1000	1220		1160		28-34		811	2200
1200	1450		1380		32-41		870	3460

Z45H

不锈钢暗杆法兰闸阀

Stainless steel non rising stem flange gate valve



◎ 执行标准 Performance standard

设计规范 Design spec	结构长度 Face to face dimension	连接法兰 Flange end	试验与检验 Test & check	压力-温度 Pressure-temp
GB/T12234	GB/T12221	JB/T 79 GB/T9113 HG/T20592	GB/T 13927 JB/T9092	GB/T 12224

◎ 主要性能规范 Main performance specification

公称压力PN Nominal pressure	试验压力 (MPa) Test pressure		工作温度 Working temperature	适用介质 Applicable medium
	密封 Seal	强度 Strength		
1.0	1.1	1.5	-29~425°C	水、蒸汽、油品 Water, steam, oil
1.6	1.76	2.4		

◎ 主要零部件材质 Materials of main parts

阀体/阀盖/闸板 Body, bonnet, disc	密封圈 Sealing	阀杆 Stem	填料 Packing
碳钢、不锈钢 Carbon steel, stainless steel	不锈钢 Stainless steel	不锈钢、铜 Stainless steel, copper	柔性石墨环 浸油石棉盘根 Flexible graphite ring/ mersion oil asbestos packing

◎ 主要外形尺寸和连接尺寸 Main shape size and connection size

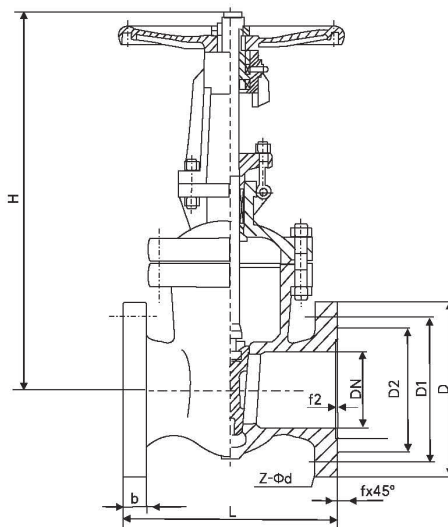
单位Unit:mm

DN	L	D	D1	D2	b	N-φd	H	D0
	1.0MPa							
50	180	160	125	100	20	4-18	345	180
65	195	180	145	120			376	180
80	210	195	160	135	22	4-18	417	200
100	230	215	180	155			460	200
125	255	245	210	185	24	8-23	525	240
150	280	280	240	210			567	240
200	330	335	295	265	26	8-23	705	320
250	380	390	350	320	28	12-23	800	320
300	420	440	400	368		16-23	886	400
350	450	500	460	428	30	16-25	968	400
400	480	656	515	482	32	20-25	1090	500
450	510	615	565	532		20-25	1175	500
500	540	670	620	585	34	20-25	1414	720
600	600	780	725	685	36	20-30	1596	720
700	660	895	840	800	40	24-30	1812	800

Z41W

不锈钢闸阀

Stainless steel gate valve



◎主要性能规范 Main performance specification

公称压力 Nominal pressure	1.6~16.0
壳体 Housing	Px1.5倍
密封压力 Sealing pressure	Px1.1倍
适用介质 Applicable medium	水、蒸气、油品、硝酸类、醋酸类 Water, steam, oil, nitric acid, acetic acid

◎主要零部件材质 Materials of main parts

零件名称 Part name	材料 Material
阀体 Valve body	不锈钢 Stainless steel
阀盖 Bonnet	不锈钢 Stainless steel

◎主要外形尺寸和连接尺寸 Main shape size and connection size

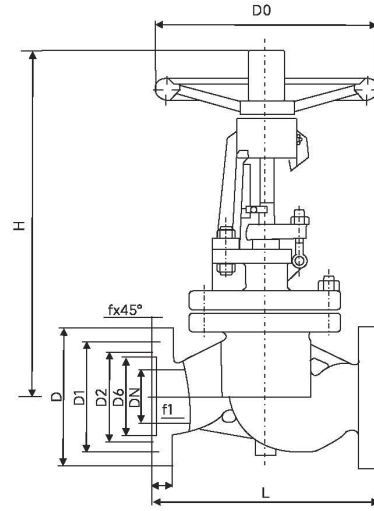
单位Unit:mm

DN	连接尺寸 Connection size							外形尺寸 Overall dimensions			
	L	D	D1	D2	f	b	Z-Φd	H手	D0	H电	电动装置 Motor unit
Z41W-16P(P3、P8、R、R3、R8)							Z941W-16P(P3、P8、R、R3、R8)				
50	250	160	125	100	3	20	4-18	358	240	653	DZW10
65	265	180	145	120	3	20	4-18	375	240	665	DZW10
80	280	195	160	135	3	20	8-18	433	280	725	DZW10
100	300	215	180	155	3	22	8-18	502	320	787	DZW10
125	325	245	210	185	3	22	8-18	612	360	902	DZW20
150	350	280	240	210	3	24	8-23	676	360	955	DZW30
200	400	335	295	265	3	24	12-23	820	400	1105	DZW30
250	450	405	355	320	3	26	12-25	969	450	1343	DZW45
300	500	460	410	375	3	28	12-25	1142	560	1516	DZW60
350	550	520	470	435	3	30	16-25	1280	640	1978	DZW60
400	600	580	525	485	3	32	16-30	1452	640	1849	DZW90

J41W

不锈钢截止阀

Stainless steel globe valve



◎主要性能规范 Main performance specification

公称压力 Nominal pressure	1.6~16.0
壳体 Housing	Px1.5倍
密封压力 Seating pressure	Px1.1倍
适用介质 Applicable medium	水、蒸气、油品、硝酸类、醋酸类 Water, steam, oil, nitric acid, acetic acid

◎主要零部件材质 Materials of main parts

零件名称 Part name	材料 Material
阀体 Valve body	不锈钢 Stainless steel
阀板 Valve plate	不锈钢 Stainless steel
阀杆 Valve stem	不锈钢 Stainless steel
阀盖 Bonnet	不锈钢 Stainless steel

◎主要外形尺寸和连接尺寸 Main shape size and connection size

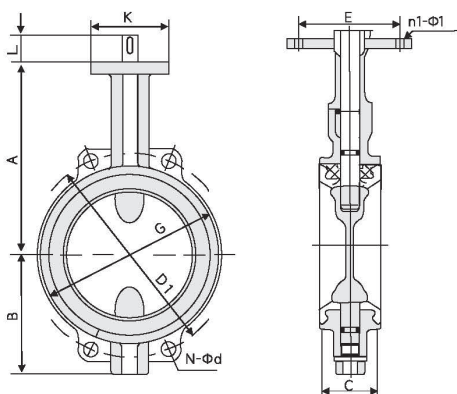
单位Unit:mm

DN	连接尺寸 Connection size							外形尺寸 Overall dimensions			
	L	D	D1	D2	f	b	Z-Φd	H手	D0	H电	电动装置 Motor unit
J41W-16P(P3、P8、R、R3、R8) J941W-16P(P3、P8、R、R3、R8)											
50	230	160	125	100	3	20	4-18	350	220	645	DZW10I
65	290	180	145	120	3	20	4-18	400	240	690	DZW10I
80	310	195	160	135	3	20	4-18	455	280	715	DZW10
100	350	215	180	155	3	22	8-18	475	320	770	DZW15
125	400	245	210	185	3	22	8-18	490	350	780	DZW20
150	480	280	240	210	3	24	8-18	510	400	810	DZW30
200	600	335	295	265	3	24	8-23	710	400	967	DZW45
250	650	405	355	320	3	26	12-25	786	450	1143	DZW60
300	750	460	410	375	4	28	12-25	925	500	1292	DZW90

D371X

不锈钢软密封对夹蝶阀

Stainless steel soft seal wafer butterfly valve



产品概述 Product overview

对夹式蝶阀的蝶板安装于管道的直径方向。在蝶阀阀体圆柱形通道内，圆盘形蝶板绕着轴线旋转，旋转角度为0°-90°之间，可以起到流量调节的作用，当蝶板旋转到90°时，阀门达到最大开度。

适用于数据中心、楼宇暖通、自来水系统、污水能源系统、建筑等介质管路上起到调节和截流装置的作用。

The butterfly plate of the clamp type butterfly valve is installed in the diameter direction of the pipeline. In the cylindrical channel of the butterfly valve body, the disc shaped butterfly plate rotates around the axis, with a rotation angle of 0°-90°, which can play a role in flow regulation. When the butterfly plate rotates to 90°, the valve reaches its maximum opening.

Suitable for regulating and intercepting medium pipelines in data centers, building HVAC, tap water systems, sewage energy systems, buildings, etc.

主要性能规范 Main performance specification

公称通径 Nominal diameter	DN50-800
公称压力PN(MPa) Nominal pressure	1.0~1.5
适用温度 Applicable temperature	-23~121°C
适用介质 Applicable media	淡水、污水、海水、气体等 Fresh water, sewage, sea water, gas, etc

主要零部件材质 Materials of main parts

零件名称 Part Name	材料名称 Material name
阀体 valve body	不锈钢 Stainless steel
阀板 Valve plate	不锈钢 Stainless steel
阀轴 Valve spindle	碳钢、不锈钢 Carbon steel, stainless steel
阀座 valve seat	橡胶 rubber
密封 seal up	O型圈 O-ring

主要外形尺寸和连接尺寸 Main shape size and connection size

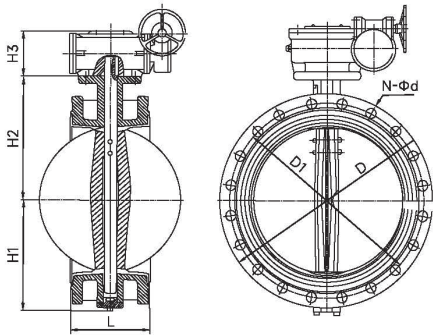
单位Unit:mm

DN	A	B	C	L	D1	N-Φd	K	E	n1-Φ1	G
50	161	80	43	32	125	4-23	77	57.15	4-6.7	100
65	175	89	46	32	145	4-26.5	77	57.15	4-6.7	120
80	181	95	46	32	160	8-18	77	57.15	4-6.7	127
100	200	114	52	32	180	4-24.5	92	69.85	4-10.3	156
125	213	127	56	32	210	4-23	92	69.85	4-10.3	190
150	226	139	56	32	240	4-25	92	69.85	4-10.3	212
200	260	175	60	45	295	4-25 4-23	115	88.9	4-14.3	268
250	292	203	68	45	350 355	4-29	115	88.9	4-14.3	325
300	337	242	78	45	400 410	4-29	140	107.95	4-14.3	403
350	368	267	78	45	460 470	4-30	140	107.95	4-14.3	436
400	400	309	86 102	51.2 72	515 525	4-26 4-30	197	158.75	4-20.6	488
450	422	328	105 114	51.2 72	565 585	4-26 4-30	197	158.75	4-20.6	536
500	480	361	127	64.2 82	620 650	4-26 4-33	197	158.75	4-20.6	590
600	562	459	154	70.2 82	725 770	20-30 20-36	276	215.9	4-22.2	816

D341X

不锈钢软密封法兰蝶阀

Stainless steel soft sealing flange butterfly valve



产品概述 Product overview

本公司生产的蜗轮传动法兰蝶阀，广泛应用于公称压力 \leq PN1.6MPa,适用温度： \leq 200°C的石油、化工、食品、医药、冶金、船舶、造纸、工业环保、给排水、高层建筑管道上，可在多种腐蚀性、非腐蚀性的气体、液体、浆流体寄固体粉末管线和容器作启闭或调节介质流量之用。

The worm gear drive flange butterfly valves produced by our company are widely used in petroleum, chemical, food, medicine, metallurgy, shipping, paper making, industrial environmental protection, water supply and drainage, and high-rise building pipelines with nominal pressure \leq PN1.6MPa and applicable temperature \leq 200 °C, and can be used for opening and closing or regulating the flow of medium in various corrosive and non corrosive gas, liquid, and solid powder pipelines and containers containing liquid.

主要性能规范 Main performance specification

公称口径 Nominal diameter	DN50~800
公称压力PN(MPa) Nominal pressure	1.0~1.5
适用温度 Applicable temperature	-23~121°C
适用介质 Applicable media	淡水、污水、海水、气体等 Fresh water, sewage, sea water, gas, etc

主要零部件材质 Materials of main parts

零件名称 Part Name	材料名称 Material name
阀体 valve body	不锈钢 Stainless steel
阀板 Valve plate	不锈钢 Stainless steel
阀轴 Valve spindle	碳钢、不锈钢 Carbon steel, stainless steel
阀座 valve seat	橡胶 rubber
密封 seal up	O型圈 O-ring

主要外形尺寸和连接尺寸 Main shape size and connection size

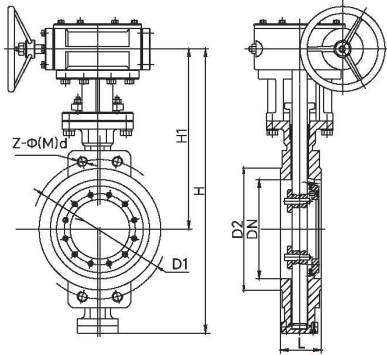
单位Unit:mm

DN	L	L1	D		D1		D3	D4	H1	H2	H3	N-Φd	
			1.0	1.6	1.0	1.6						1.0	1.6
50	108	160	165	165	125	125	77	57	85	125	60	4-18	4-18
65	112	160	185	185	145	145	77	57	93	140	60	4-18	4-18
80	114	160	200	200	160	160	77	57	100	150	60	8-18	8-18
100	127	160	220	220	180	180	92	70	110	165	60	8-18	8-18
125	140	160	250	250	210	210	92	70	120	180	60	8-18	8-18
150	140	160	285	285	240	240	92	70	160	200	60	8-22	8-22
200	152	210	340	340	295	295	114	89	171	230	72	8-22	12-22
250	165	210	395	405	350	355	114	89	203	270	72	12-22	12-26
300	178	210	445	460	400	410	140	108	230	320	75	12-22	12-26
350	190	210	505	520	460	470	140	108	260	350	75	16-22	16-26
400	216	320	565	580	515	525	197	159	320	390	126	16-26	16-30
450	222	320	615	640	565	585	197	159	335	428	126	20-26	20-30
500	229	320	670	715	620	650	197	159	353	460	126	20-26	20-33
600	267	340	780	840	725	770	276	216	430	520	127	20-30	20-36
700	292	380	895	910	840	840	276	216	480	600	167	24-30	24-36
800	318	380	1015	1025	950	950	276	216	523	662	167	24-30	24-36
900	330	400	1115	1125	1050	1050	300	254	625	710	193	28-33	28-39
1000	410	400	1230	1255	1160	1170	300	254	660	780	193	28-36	28-42

D373H

不锈钢硬密封对夹蝶阀

Stainless steel hard sealed wafer butterfly valve



主要性能规范 Main performance specification

公称通径 Nominal diameter	公称压力 Nominal pressure	试验压力(MPa) Test pressure (MPa)			泄漏率 Leakage rate	适用温度 Applicable temperature	适用介质 Applicable medium	驱动形式 Driving form
		强度试验 Strength test	密封试验 Sealing test	气密封试验 Air tightness test				
50 ~ 2000	0.6	0.9	0.66	0.6	<0.1×DN mm ³ /s (符合GB/T13927-92标准)	-40°C ~ 600°C	空气、水、蒸气、煤气、油品以及酸、碱、盐带有弱腐蚀性介质等 Air, water, steam, gas, oil products, and weakly corrosive media such as acids, alkalis, and salts	蜗杆、蜗轮、传动、气传动、电传动 Worm gear Transmission Pneumatic transmission Electric drive
	1.0	1.5	1.1	0.6				
	1.6	2.4	1.76	0.6				
	2.5	3.75	2.75	0.6				
50 ~ 1200	4.0	6.0	4.4	0.6	<0.1 × DN Mm ³ /s (Compliant with GB/T13927-92 standard)			

主要零部件材质 Materials of main parts

名称 Name	材料 Material
阀体 valve body	不锈钢 Stainless steel
蝶板 Disc	不锈钢 Stainless steel
密封圈 seal ring	不锈钢与耐高温石棉板组合成多层次 Combination of stainless steel and high-temperature resistant asbestos board into multiple layers
阀杆 Valve stem	2Cr13、1Cr13不锈钢 Stainless steel
轴承 Bearing	不锈钢 Stainless steel
填料 filler	柔性石墨 Flexible graphite

主要外形尺寸和连接尺寸 Main shape size and connection size

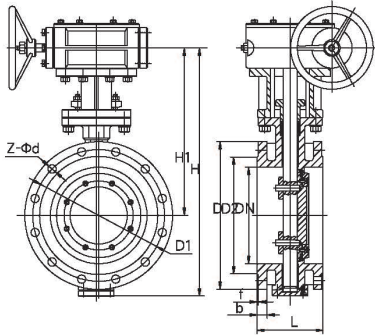
单位Unit:mm

DN	主要尺寸 Main dimension				PN0.6MPa			PN1.0MPa			PN1.6MPa		
	L1	L2	H	H1	D1	D2	Z-φ(M)d	D1	D2	Z-φ(M)d	D1	D2	Z-φ(M)d
D373H/F、D673H/F、D973H/F													
50	43	43	272	200	110	90	4-14	125	102	4-18	125	102	4-18
65	46	46	335	225	130	110	4-14	145	122	4-18	145	122	4-18
80	49	64	355	240	150	128	4-18	160	138	4-18	160	138	4-18
100	56	64	385	255	170	148	4-18	180	158	4-18	180	158	4-18
125	64	70	455	305	200	178	4-18	210	188	4-18	210	188	4-18
150	70	76	490	325	225	202	4-18	240	212	4-22	240	212	4-22
200	71	89	590	380	280	258	4-18	295	268	4-22	295	268	4-22
250	76	114	655	410	335	312	4-18	350	320	4-22	355	320	4-26
300	83	114	740	460	395	365	4-22	400	370	4-22	410	378	4-26
350	92	127	840	525	445	415	4-22	460	430	4-M20	470	438	4-M24
400	102	140	890	545	495	465	4-M20	515	482	4-M24	525	490	4-M27
450	114	152	1010	630	550	520	4-M20	565	532	4-M24	585	550	4-M27
500	127	152	1065	650	600	570	4-M20	620	585	4-M24	650	610	4-M30
600	154	178	1140	680	705	670	4-M24	725	685	4-M27	770	725	4-M33
700	165	229	1268	780	810	775	4-M24	840	800	4-M27	840	795	4-M33
800	190	241	1432	860	920	880	4-M27	950	905	4-M30	950	900	4-M36
900	203	241	1528	900	1020	980	4-M27	1050	1005	4-M30	1050	1000	4-M36
1000	216	300	1698	1000	1120	1080	4-M27	1160	1110	4-M33	1170	1115	4-M39
1200	254	360	1910	1100	1340	1295	4-M30	1380	1330	4-M36	1390	1330	4-M45
1400	279	390	2140	1200	1560	1510	4-M33	1590	1535	4-M39	1590	1530	4-M45
1600	318	440	2420	1330	1760	1710	4-M33	1820	1760	4-M45	1820	1750	4-M52

D343W

不锈钢硬密封法兰蝶阀

Stainless steel hard sealed flange butterfly valve



主要性能规范 Main performance specification

公称通径 Nominal diameter	公称压力 Nominal pressure	试验压力(MPa) Test pressure (MPa)			泄漏率 Leakage rate	适用温度 Applicable temperature	适用介质 Applicable medium	驱动形式 Driving form
		强度试验 Strength test	密封试验 Sealing test	气密封试验 Air tightness test				
50 ~ 2000	0.6	0.9	0.66	0.6	<0.1×DN mm ³ /s (符合GB/T13927-92标准 <0.1 × DN Mm ³ /s (Compliant with GB/T13927-92 standard	-40℃ ~ 600℃	空气、水、蒸气、煤气、油品以及酸、碱、盐带有弱腐蚀性介质等 Air, water, steam, gas, oil products, and weakly corrosive media such as acids, alkalis, and salts	蜗杆、蜗轮、传动、气传动、电传动 Worm gear Transmission Pneumatic transmission Electric drive
	1.0	1.5	1.1	0.6				
	1.6	2.4	1.76	0.6				
	2.5	3.75	2.75	0.6				
50 ~ 1200	4.0	6.0	4.4	0.6				

主要零部件材质 Materials of main parts

名称 Name	材料 Material
阀体 valve body	不锈钢 Stainless steel
蝶板 Disc	不锈钢 Stainless steel
密封圈 seal ring	不锈钢与耐高温石棉板组合成多层次 Combination of stainless steel and high-temperature resistant asbestos board into multiple layers
阀杆 Valve stem	2Cr13、1Cr13不锈钢 Stainless steel
轴承 Bearing	不锈钢 Stainless steel
填料 filler	柔性石墨 Flexible graphite

主要外形尺寸和连接尺寸 Main shape size and connection size

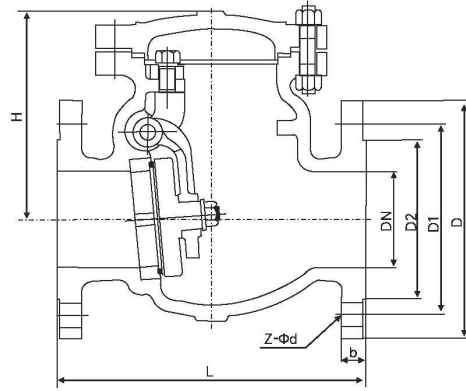
国际 GB/T9113.1-2010 单位Unit:mm

DN	L1	L2	0.6MPa					1.0MPa					1.6MPa					H	H1
			D	D1	D2	Z-Φd	bx f	D	D1	D2	Z-Φd	bx f	D	D1	D2	Z-Φd	bx f		
D343W、D643W、D943W																			
40	106	-	-	-	-	-	-	150	110	85	4-Φ18	18	150	110	85	4-18	18	-	-
50	108	150	140	110	90	4-Φ14	14x3	165	125	102	4-Φ18	18x3	165	125	102	4-18	18x3	275	200
65	112	170	160	130	110	4-Φ14	14x3	185	145	122	8*-Φ18	18x3	185	145	122	8*-18	18x3	303	210
80	114	180	190	150	128	4-Φ18	16x3	200	160	138	8-Φ18	20x3	200	160	138	8-18	20x3	324	226
100	127	190	210	170	148	4-Φ18	16x3	220	180	158	8-Φ18	20x3	220	180	158	8-18	20x3	380	250
125	140	200	240	200	178	8-Φ18	18x3	250	210	188	8-Φ18	22x3	250	210	188	8-18	22x3	460	295
150	140	210	265	225	202	8-Φ18	18x3	285	240	212	8-Φ22	22x3	285	240	212	8-22	22x3	490	315
200	152	230	320	280	258	8-Φ18	20x3	340	295	268	8-Φ22	24x3	340	295	268	12-22	24x3	600	380
250	165	250	375	335	312	12-Φ18	22x3	395	350	320	12-Φ22	26x3	405	355	320	12-26	26x3	655	405
300	178	270	440	395	365	12-Φ22	22x4	445	400	370	12-Φ22	26x4	460	410	378	12-26	28x4	780	480
350	190	290	490	445	415	12-Φ22	22x4	505	460	430	16-Φ22	26x4	520	470	438	16-26	30x4	875	545
400	216	310	540	495	465	16-Φ22	22x4	565	515	482	16-Φ26	26x4	580	525	490	16-30	32x4	910	550
450	222	330	595	550	520	16-Φ22	22x4	615	565	532	20-Φ26	28x4	640	585	550	20-30	40x4	1000	620
500	229	350	645	600	570	20-Φ22	24x4	670	620	585	20-Φ26	28x4	715	650	610	20-33	44x4	1090	680
600	267	390	755	705	670	20-Φ26	30x5	780	725	685	20-Φ30	34x5	840	770	725	20-36	54x5	1210	750
700	292	430	860	810	775	24-Φ26	26x5	895	840	800	24-Φ30	34x5	910	840	795	24-36	40x5	1350	820
800	318	470	975	920	880	24-Φ30	26x5	1015	950	905	24-Φ33	36x5	1025	950	900	24-39	42x5	1520	910
900	330	510	1075	1020	980	24-Φ30	26x5	1115	1050	1005	28-Φ33	38x5	1125	1050	1000	28-39	44x5	1570	930
1000	410	550	1175	1120	1080	28-Φ30	28x5	1230	1160	1110	28-Φ36	38x5	1255	1170	1115	28-42	46x5	1700	980
1200	470	630	1405	1340	1295	32-Φ33	28x5	1455	1380	1330	32-Φ39	44x5	1485	1390	1330	32-48	52x5	2040	1220
1400	530	710	1630	1560	1510	36-Φ36	32x5	1675	1590	1535	36-Φ42	48x5	1685	1590	1530	36-48	58x5	2240	1310
1600	600	790	1830	1760	1710	40-Φ36	34x5	1915	1820	1760	40-Φ48	52x5	1930	1820	1750	40-56	64x5	2440	1460
1800	670	870	2045	1970	1920	44-Φ39	36x5	2115	2020	1960	44-Φ48	56x5	2130	2020	1950	44-56	68x5	2650	1560
2000	760	950	2265	2180	2125	48-Φ42	38x5	2325	2230	2170	48-Φ48	60x5	2345	2230	2150	48-62	70x5	2860	1670

H44W

不锈钢止回阀

Stainless steel check valve



◎主要性能规范 Main performance specification

公称压力 Nominal pressure	1.6~16.0
壳体 Housing	Px1.5倍
密封压力 Sealing pressure	Px1.1倍
适用介质 Applicable medium	水、蒸气、油品、硝酸类、醋酸类 Water, steam, oil, nitric acid, acetic acid

◎主要零部件材质 Materials of main parts

零件名称 Part name	材料 Material
阀体 Valve body	不锈钢 Stainless steel
阀盖 Bonnet	不锈钢 Stainless steel

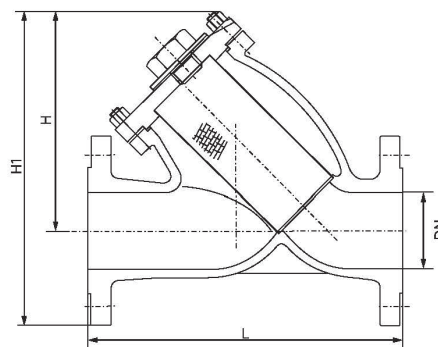
◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位Unit:mm

DN	L	D	D1	D2	b	f	Z-Φd	D0	H
50	230	160	125	100	16	2	4-18	185	160/135
65	290	180	145	120	18	3	4-18	215	177/142
80	310	195	160	135	20	3	8-18	235	187/165
100	350	215	180	155	20	3	8-18	255	202/180
125	400	245	210	185	22	3	8-18	285	227/210
150	480	280	240	210	24	3	8-23	330	263/233
200	550	335	295	265	26	3	12-23	385	293/304
250	650	405	355	320	30	3	12-25	455	330/348
300	750	460	410	375	30	4	12-25	515	382/390
350	850	520	470	435	34	4	16-25	545	430
400	950	580	525	485	36	4	16-30	600	480/468

GL41H

不锈钢过滤器
Stainless steel filter



◎主要性能规范 Main performance specification

公称压力 Nominal pressure	1.6~16.0
壳体 Housing	Px1.5倍
密封压力 Sealing pressure	Px1.1倍
适用介质 Applicable medium	水、蒸气、油品、硝酸类、醋酸类 Water, steam, oil, nitric acid, acetic acid

◎主要零部件材质 Materials of main parts

零件名称 Part name	材料 Material
阀体 Valve body	不锈钢 Stainless steel
过滤网 Filter screen	不锈钢 Stainless steel
阀盖 Bonnet	不锈钢 Stainless steel

◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位Unit:mm

DN	L	H	H1
50	230	175	255
65	290	198	270
80	290	210	295
100	350	250	344
125	340	305	422
150	375	358	485
200	500	450	602
250	540	503	710
300	660	578	815

法兰尺寸PN1.0MPa按GB4216.4-84标准, PN1.6MPa按GB4216.5-84标准, PN2.5MPa按GB9113.4-88标准。
The flange size is PN1.0MPa according to GB4216.4-84 standard, PN1.6MPa according to GB4216.5-84 standard, and PN2.5MPa according to GB9113.4-88 standard.

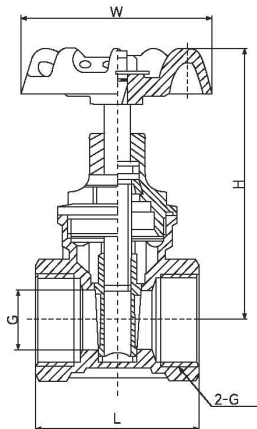
Z15W

免维护闸阀/水暖闸阀

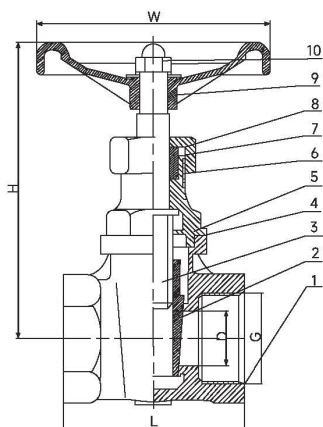
Maintenance free gate valve/water heating gate valve



Z15W-16P免维护闸阀
Z15W-16P maintenance free gate valve



Z15W-16P水暖闸阀
Z15W-16P water heating gate valve



性能规范 Performance specifications					
公称压力 Nominal Pressure		1.6MPa			
试验压力 test pressure	强度 strength	2.4	Mpa	试验介质 test medium	水 Water
	密封 seal	1.76			水 Water
	上密封 Upper seal	1.76			水 Water
	气密封 Hermetic seal	0.6			空气 Air
适用温度 Temperature		-20°C~180°C			
适用介质 Applicable Medium		水、气、油、硝酸类、醋酸类等 Water, gas, oil, nitric acid, acetic acid, etc			

序号 Serial Number	名称规格 Name Specification	材料 material
1	阀体 Valve body	CF8
2	闸板 Flashboard	CF8
3	阀杆 Valve stem	304
4	垫片 Shim	PTFE
5	阀盖 Bonnet	CF8
6	填料 Filler	PTFE
7	填料压套 Packing Bushing	304
8	压盖 Gland	304
9	手柄 Handle	铸铁 Cast iron
10	螺母 Nut	304

技术要求 Technical requirement

- 1、阀门的设计与制造按GB/T12224的规定;
 - 2、阀门的结构长度按GB/T12221的规定;
 - 3、阀门的连接尺寸按ISO228圆柱管螺纹的规定;
 - 4、阀门的检查与试验按GB/T13927的规定;
1. The design and manufacturing of valves shall comply with the provisions of GB/T12224;
 2. The structural length of the valve shall comply with the provisions of GB/T12221;
 3. The connection size of the valve shall comply with the provisions of ISO228 cylindrical pipe threads;
 4. The inspection and testing of valves shall comply with the provisions of GB/T13927;

主要零部件材质 Materials of main parts

部件名称 Component Name	Z15W(16-25)C	Z15W-(16-25)P	Z15W-(16-25)R
阀体 valve body	WCB	ZG1Cr18Ni9TiCF8	ZG1Cr18Ni12Mo2Ti CF8M
阀盖 bonnet	WCB	ZG1Cr18Ni9TiCF8	ZG1Cr18Ni12Mo2Ti CF8M
闸板 flashboard	WCB	ZG1Cr18Ni9TiCF8	ZG1Cr18Ni12Mo2Ti 316
阀杆 valve stem	2Cr13	1Cr18Ni9Ti304	1Cr18Ni912MoTi 316
垫片 shim	聚四氟乙烯/钢带石墨缠绕 PTFE/steel strip graphite winding		
填料 filler	聚四氟乙烯/柔性石墨 PTFE/flexible graphite		

DN	G/in	L	D	H	W
15	1/2"	45	13	75	53
20	3/4"	48	17	81.5	53
25	1"	54	23	96	59
32	1-1/4"	58	29	114.5	64
40	1-1/2"	62.5	35	124.5	78
50	2"	67.5	44	146	78
65	2-1/2"	83.5	55	196.5	126
80	3"	91.5	63.5	206	126
100	4"	104.5	84.5	236	126

HCSZ15E

磁性闸阀

Magnetic gate valve



HCSZ15E-16P磁性闸阀
HCSZ15E-16P Magnetic Gate Valve

性能规范 Performance specifications					
公称压力 Nominal Pressure		1.6MPa			
试验压力 test pressure	强度 strength	2.4	Mpa	试验介质 test medium	水 Water
	密封 seal	1.76			水 Water
	上密封 Upper seal	1.76			水 Water
	气密封 Hermetic seal	0.6			空气 Air
适用温度 Temperature		-20°C~180°C			
适用介质 Applicable Medium		水、气、油、硝酸类、醋酸类等 Water, gas, oil, nitric acid, acetic acid, etc			

序号 Serial Number	名称规格 Name Specification	材料 material
1	阀体Valve body	CF8
2	闸板Flashboard	CF8
3	阀杆Valve stem	304
4	垫片Shim	PTFE
5	阀盖Bonnet	CF8
6	填料Filler	PTFE
7	填料压套Packing Bushing	304
8	磁性装置Magnetic device	304
9	手柄装置Handle device	铜Copper

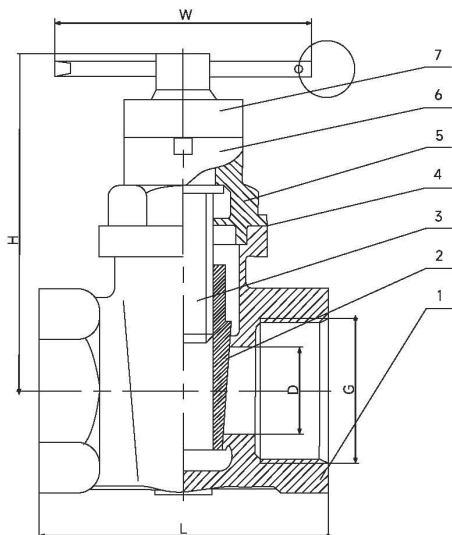
技术要求 Technical requirement

- 1、阀门的设计与制造按GB/T12224的规定;
- 2、阀门的结构长度按GB/T12221的规定;
- 3、阀门的连接尺寸按ISO228圆柱管螺纹的规定;
- 4、阀门的检查与试验按GB/T13927的规定;

1. The design and manufacturing of valves shall comply with the provisions of GB/T12224;
2. The structural length of the valve shall comply with the provisions of GB/T12221;
3. The connection size of the valve shall comply with the provisions of ISO228 cylindrical pipe threads;
4. The inspection and testing of valves shall comply with the provisions of GB/T13927;

主要零部件材质Materials of main parts

部件名称 Component Name	Z15W(16-25)C	Z15W-(16-25)P	Z15W-(16-25)R
阀体 valve body	WCB	ZG1Cr18Ni9TiCF8	ZG1Cr18Ni12Mo2Ti CF8M
阀盖 bonnet	WCB	ZG1Cr18Ni9TiCF8	ZG1Cr18Ni12Mo2Ti CF8M
闸板 flashboard	WCB	ZG1Cr18Ni9TiCF8	ZG1Cr18Ni12Mo2Ti 316
阀杆 valve stem	2Cr13	1Cr18Ni9Ti304	1Cr18Ni912MoTi 316
垫片 shim	聚四氟乙烯/钢带石墨缠绕PTFE/steel strip graphite winding		
填料 filler	聚四氟乙烯/柔性石墨PTFE/flexible graphite		



DN	G/in	L	D	H	W
15	1/2"	45	13	73	87
20	3/4"	48	17	77.5	87
25	1"	54	23	87	87
32	1-1/4"	58	29	109	87
40	1-1/2"	62.5	35	116.5	87
50	2"	67.5	44	137.5	87

J11W

水暖截止阀

Water heating shut-off valve



J11W-16P水暖截止阀
J11W-16P Water Heating Stop Valve

性能规范 Performance specifications					
公称压力 Nominal Pressure		1.6MPa			
试验压力 test pressure	强度 strength	2.4	Mpa	试验介质 test medium	水 Water
	密封 seal	1.76			水 Water
	上密封 Upper seal	1.76			水 Water
	气密封 Hermetic seal	0.6			空气 Air
适用温度 Temperature		-20°C~180°C			
适用介质 Applicable Medium		水、气、油、硝酸类、醋酸类等 Water, gas, oil, nitric acid, acetic acid, etc			

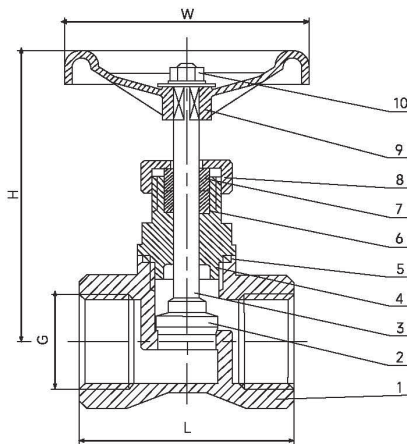
序号 Serial Number	名称规格 Name Specification	材料 material
1	阀体Valve body	CF8
2	阀瓣Valve flap	304
3	阀杆Valve stem	304
4	阀盖Bonnet	CF8
5	垫片Shim	PTFE
6	填料Filler	PTFE
7	填料压套Packing Bushing	304
8	压盖Gland	304
9	手柄Handle	铸铁Cast iron
10	螺母Nut	304

技术要求 Technical requirement

- 1、阀门的设计与制造按GB/T12224的规定;
- 2、阀门的结构长度按厂家要求的规定;
- 3、阀门的连接尺寸按ISO228圆柱管螺纹的规定;
- 4、阀门的检查与试验按GB/T13927的规定;

1. The design and manufacturing of valves shall comply with the provisions of GB/T12224;
2. The structural length of the valve shall comply with the manufacturer's requirements;
3. The connection size of the valve shall comply with the provisions of ISO228 cylindrical pipe threads;
4. The inspection and testing of valves shall comply with the provisions of GB/T13927;

主要零部件材质Materials of main parts



部件名称 Component Name	Z15W(16-25)C	Z15W-(16-25)P	Z15W-(16-25)R
阀体 valve body	WCB	ZG1Cr18Ni9TiCF8	ZG1Cr18Ni12Mo2Ti CF8M
阀盖 bonnet	WCB	ZG1Cr18Ni9TiCF8	ZG1Cr18Ni12Mo2Ti CF8M
闸板 flashboard	WCB	ZG1Cr18Ni9TiCF8	ZG1Cr18Ni12Mo2Ti 316
阀杆 valve stem	2Cr13	1Cr18Ni9Ti304	1Cr18Ni912MoTi 316
垫片 shim	聚四氟乙烯/钢带石墨缠绕PTFE/steel strip graphite winding		
填料 filler	聚四氟乙烯/柔性石墨PTFE/flexible graphite		

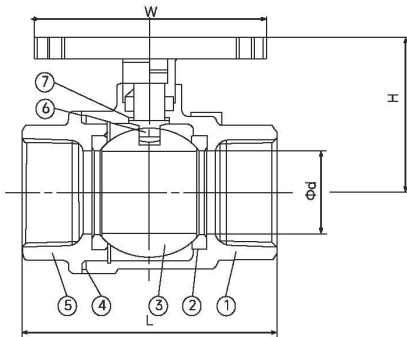
DN	G/in	L	H	W
15	1/2"	48	85	54
20	3/4"	50	97	54
25	1"	63	110	58
32	1-1/4"	74	114	64
40	1-1/2"	82	124	72
50	2"	100	145	78

防盗球阀/两片式球阀

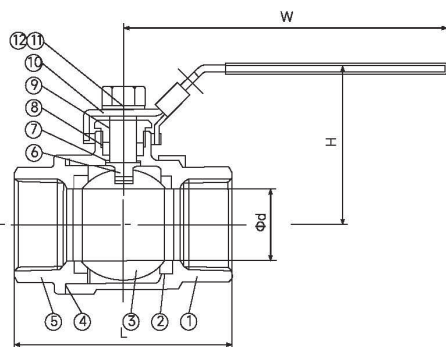
Anti theft ball valve/two piece ball valve



防盗球阀
Anti theft ball valve



两片式球阀
Two piece ball valve



性能规范 Performance specifications				
公称压力 Nominal Pressure		1.6MPa		
试验压力 test pressure	强度 strength	2.4	Mpa	水 Water
	密封 seal	1.76		水 Water
	上密封 Upper seal	1.76		水 Water
	气密封 Hermetic seal	0.6		空气 Air
适用温度 Temperature		-20°C~180°C		
适用介质 Applicable Medium		水、气、油、硝酸类、醋酸类等 Water, gas, oil, nitric acid, acetic acid, etc		

序号 Serial Number	名称规格 Name Specification	材料 material
1	阀体 Valve body	WCB/CF8/CF8M
2	阀座 Valve seat	PTFE
3	球体 Sphere	CF8/CF8/CF8M
4	垫片 Shim	PTFE
5	阀盖 Bonnet	WCB/CF8/CF8M
6	阀杆 valve stem	304/304/316
7	阀杆垫圈 Stem washer	PTFE
8	填料 Filler	PTFE
9	填料盖 Packing Gland	304
10	手柄 Handle	304+PVC
11	弹簧垫圈 Spring washer	304
12	螺母 Nut	304

◎技术要求 Technical requirement

- 1、阀门的设计与制造按GB/T12224的规定;
- 2、阀门的结构长度按厂家要求的规定;
- 3、阀门的连接尺寸按ISO228圆柱管螺纹的规定;
- 4、阀门的检查与试验按GB/T13927的规定;

1. The design and manufacturing of valves shall comply with the provisions of GB/T12224;
2. The structural length of the valve shall comply with the manufacturer's requirements;
3. The connection size of the valve shall comply with the provisions of ISO228 cylindrical pipe threads;
4. The inspection and testing of valves shall comply with the provisions of GB/T13927;

◎防盗球阀 Anti theft ball valve

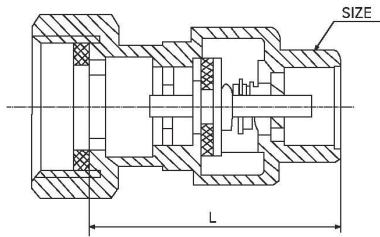
SIZE		d	L
1/4"	DN6	10	55
3/8"	DN10	12	55
1/2"	DN15	15	62
3/4"	DN20	20	71
1"	DN25	25	81.5
1 1/4"	DN32	32	96
1 1/2"	DN40	38	105
2"	DN50	50	120
2 1/2"	DN65	65	162
3"	DN80	80	170.5
4"	DN100	100	225

◎两片式球阀 Two-piece ball valve

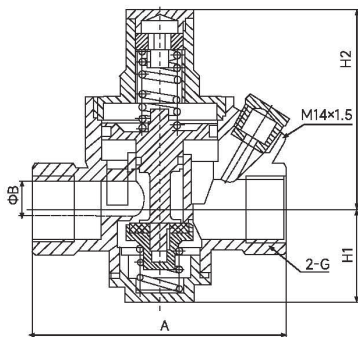
尺寸 SIZE		d	L	H	W
1/4"	DN6	10	55	55	95
3/8"	DN10	12	55	55	95
1/2"	DN15	15	62	55	105
3/4"	DN20	20	71	59	128
1"	DN25	25	81.5	66	146
1 1/4"	DN32	32	96	71	146
1 1/2"	DN40	38	105	82	162
2"	DN50	50	120	90	192
2 1/2"	DN65	65	162	122	220
3"	DN80	80	170.5	135	250
4"	DN100	100	225	156	300



表前阀
Table front valve



减压阀
Pressure reducing valve



◎技术要求 Technical requirement

- 1、阀门的设计与制造按GB/T12224的规定;
- 2、阀门的结构长度按厂家要求的规定;
- 3、阀门的连接尺寸按ISO228圆柱管螺纹的规定;
- 4、阀门的检查与试验按GB/T13927的规定;

1. The design and manufacturing of valves shall comply with the provisions of GB/T12224;
2. The structural length of the valve shall comply with the manufacturer's requirements;
3. The connection size of the valve shall comply with the provisions of ISO228 cylindrical pipe threads;
4. The inspection and testing of valves shall comply with the provisions of GB/T13927;

性能规范 Performance specifications					
公称压力 Nominal Pressure		1.6MPa			
试验压力 test pressure	强度 strength	2.4	Mpa	试验介质 test medium	水 Water
	密封 seal	1.76			水 Water
	上密封 Upper seal	1.76			水 Water
	气密封 Hermetic seal	0.6			空气 Air
适用温度 Temperature		-20°C~180°C			
适用介质 Applicable Medium		水、气、油、硝酸类、醋酸类等 Water, gas, oil, nitric acid, acetic acid, etc			

◎主要零部件材质Materials of main parts

部件名称 Component Name	Z15W-(16-25)C	Z15W-(16-25)P	Z15W-(16-25)R
阀体 Valve Body	WCB	ZG1Cr18Ni9TiCF8	ZG1Cr18Ni12Mo2Ti CF8M
阀盖 Bonnet	WCB	ZG1Cr18Ni9TiCF8	ZG1Cr18Ni12Mo2Ti CF8M
闸板 Flashboard	WCB	ZG1Cr18Ni9TiCF8	ZG1Cr18Ni12Mo2Ti 316
阀杆 Valve Stem	2Cr13	1Cr18Ni9Ti304	1Cr18Ni912MoTi 316
垫片 Shim	聚四氟乙烯/钢带石墨缠绕PTFE/steel strip graphite winding		
填料 Filler	聚四氟乙烯/柔性石墨PTFE/flexible graphite		

◎表前阀Table front valve

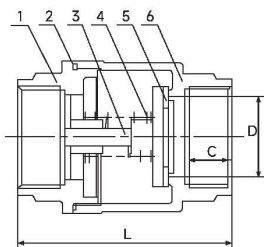
SIZE	L
1/2×3/4	4.5
3/4×1	51
1×1¼	58

◎减压阀Pressure reducing valve

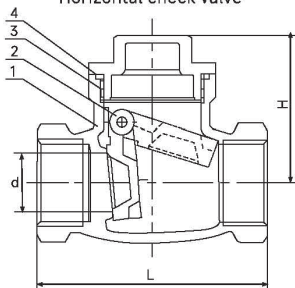
公称尺寸DN(mm)		A	H1	H2	G	重量 (kg)
mm	in					
15	1/2"	76.5	33	77	62	1.2
20	3/4"	76.5	33	77	62	1.2
25	1"	85	37	87	69	1.4
32	1 1/4"	95	44	92	69	1.7
40	1 1/2"	102	50	97	65	2.3
50	2"	117	56	127	75	3.3



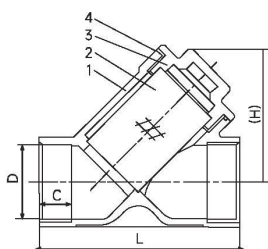
立式止回阀
Vertical check valve



卧式止回阀
Horizontal check valve



Y型过滤器
Y-shaped filter



◎ 技术要求 Technical requirement

- 1、阀门的设计与制造按GB/T12224的规定;
- 2、阀门的结构长度按厂家要求的規定;
- 3、阀门的连接尺寸按ISO228圆柱管螺纹的规定;
- 4、阀门的检查与试验按GB/T13927的规定;

1. The design and manufacturing of valves shall comply with the provisions of GB/T12224;
2. The structural length of the valve shall comply with the manufacturer's requirements;
3. The connection size of the valve shall comply with the provisions of ISO228 cylindrical pipe threads;
4. The inspection and testing of valves shall comply with the provisions of GB/T13927;

性能规范 Performance specifications					
公称压力 Nominal Pressure		1.6MPa			
试验压力 test pressure	强度 strength	2.4	Mpa	试验介质 test medium	水 Water
	密封 seal	1.76			水 Water
	上密封 Upper seal	1.76			水 Water
	气密封 Hermetic seal	0.6			空气 Air
适用温度 Temperature		-20°C~180°C			
适用介质 Applicable Medium		水、气、油、硝酸类、醋酸类等 Water, gas, oil, nitric acid, acetic acid, etc			

◎ 立式止回阀 Vertical check valve

Size(Inch)	DN	D	C	L
1/2"	15	15	10	59
3/4"	20	20	11	62
1"	25	25	11	73
1 1/4"	32	32	20	85
1 1/2"	40	38	22	99
2"	50	50	22	113

◎ 卧式止回阀 Horizontal check valve

Size(Inch)	L	H	d	KGS/PC
1/4"	56	36.5	10	
3/8"	56	36.5	10	
1/2"	63	40	15	
3/4"	78	49.5	20	0.23
1"	86	57	25	0.33
1 1/4"	100	61.5	32	0.465
1 1/2"	110	71	38	1.05
2"	130	71	47	1.4

◎ Y型过滤器 Y-shaped filter

Size(Inch)	DN	D	H	C	L
1/2"	15	17.5	44.7	14	61
3/4"	20	23	52.1	15	73
1"	25	29	65.7	17	87
1 1/4"	32	38	70	19	99
1 1/2"	38	43.5	79.5	19	137
2"	48	55	95.5	22	166
2 1/2"	65	66	125.5	25	197
3"	80	81.5	155	27	205
4"	100	106.5	205	35	240

◎100X 遥控浮球阀
Remote Control Float Valve



100X隔膜式遥控浮球阀是兼具多种功能的水力操作式阀门。主要安装于水池或高架水塔的进水口处，当水位达到设定的高度时，主阀由浮球导阀控制关闭进水口停止供水；当水位下降后，主阀由浮球开关控制打开进水口向水池注水，实现自动补水。液位控制精确，不受水压干扰；100X隔膜式遥控浮球阀可随水池的高度及使用空间任意位置安装，维护、调试、检查方便、密封可靠，使用寿命长。隔膜式阀门性能可靠、强度高、动作灵活适用于450mm口径以下的管道。DN500mm口径以上的建议使用活塞式。

100X diaphragm remote control float valve is a hydraulically operated valve with multiple functions. Mainly installed at the water inlet of the pool or elevated water tower. When the water level reaches the set height, the main valve is controlled by the float ball pilot valve to close the water inlet to stop water supply; when the water level drops, the main valve is controlled by the float switch to open the water inlet. Fill the pool with water to achieve automatic water replenishment. The liquid level control is precise, and it is not disturbed by water pressure. The 100X diaphragm type remote control float valve can be installed at any position according to the height of the pool and the use space. Diaphragm valves have reliable performance, high strength, and flexible operation. They are suitable for pipelines below 450mm in diameter. It is recommended to use the piston type for diameters above DN500mm.

◎200X 减压阀
Pressure Reducing Valve



200X减压阀，是一种利用介质自身能量来调节与控制管路压力的智能型阀门。200X减压阀用于生活给水、消防给水及其他工业给水系统，通过调节减压导阀，即可调节主阀的出口压力。出口压力不因进口压力、进口流量的变化而变化，安全可靠地将出口压力维持在设定值上，并可根据需要调节设定值以达到减压目的。该阀减压精确，性能稳定、安全可靠，安装调节方便，使用寿命长。

The 200X pressure reducing valve is an intelligent valve that uses the energy of the medium to adjust and control the pressure of the pipeline. The 200X pressure reducing valve is used in domestic water supply, fire water supply and other industrial water supply systems. By adjusting the pressure reducing pilot valve, the outlet pressure of the main valve can be adjusted. The outlet pressure does not change due to changes in the inlet pressure and inlet flow rate. The outlet pressure is maintained at the set value safely and reliably, and the set value can be adjusted as needed to achieve the purpose of decompression. The valve has precise pressure reduction, stable performance, safety and reliability, easy installation and adjustment, and long service life.

◎300X 缓闭式止回阀
Slow Closing Check Valve



300X型缓闭止回阀由主阀、单向阀、针阀、球阀、微形过滤器和压力表组成水力控制阀接管系统。利用水力自动操作，可使主阀得到最佳的开启和关闭速度。防止水锤水击的产生，以达到缓闭消声的效果。当阀门从进口端给水时，水通过微型过滤器、针阀、单向阀进入主阀控制室，再经过球阀排水至下游。因为针阀开度小于球阀开度，即主阀控制室的排水速度大于进水速度，因此控制室压力降低，作用于主阀盘下端的进口压力打开主阀向下游供水。

Type 300X slow-closing check valve consists of main valve, check valve, needle valve, ball valve, micro filter and pressure gauge to form a hydraulic control valve takeover system. Using hydraulic automatic operation, the main valve can get the best opening and closing speed. Prevent water hammer and water hammer, so as to achieve the effect of slow closing and silencing. When the valve feeds water from the inlet end, the water enters the main valve control room through the micro filter, needle valve and one-way valve, and then drains to the downstream through the ball valve. Because the opening of the needle valve is smaller than the opening of the ball valve, that is, the drainage speed of the main valve control room is greater than the water inlet speed, so the pressure in the control room decreases, and the inlet pressure acting on the lower end of the main valve disc opens the main valve to supply water downstream.

◎400X 流量控制阀
Flow Control Valve



400X流量控制阀，是一种采用高精度先导式方式控制流量的多功能阀门。适用于配水管需控制流量和压力的管路中，保持预定流量不变，将过大流量限制在一个预定值，并将上游高压适当减压，即使主阀上游的压力发生变化，也不会影响主阀下游的流量。该阀一改常规节流阀使用孔板或纯机械的减少能量在节流过程中的损失。如遇紧急情况400X流量控制阀可以完全截止流量，避免损失。控制灵敏度高，安全可靠，调试简便，使用寿命长。广泛适用于工业给水、高层建筑由水泵直接给水系统中。

400X flow control valve is a multi-function valve that uses high-precision pilot control to control flow. It is applicable to the pipeline where the flow and pressure of the distribution pipe need to be controlled. Keep the predetermined flow unchanged, limit the excessive flow to a predetermined value, and properly reduce the upstream high pressure. Even if the pressure upstream of the main valve changes, the flow downstream of the main valve will not be affected. The valve uses orifices or pure machinery to reduce the loss of energy in the throttling process. In case of emergency, the 400X flow control valve can completely cut off the flow to avoid loss. High control sensitivity, safety and reliability, simple debugging, long service life. It is widely used in industrial water supply and direct water supply system of high-rise buildings by pumps.

◎500X 安全泄压阀/持压阀
Safety relief valve/pressure retaining valve



500X泄压/持压阀由主阀、导阀、针阀、球阀、微形过滤器和压力表组成水力控制接管系统。利用水力自动操作，即可以作泄压阀用又可作持压阀用。做泄压阀用时，可维持供水路压力在设定的安全值之下，保持主阀上游供水压力。其工作原理，当导阀调整为泄压状态时，水通过针阀、主阀控制室、球阀A、导阀、球阀B流向出口，此时主阀处于开启状态。当进口压力超过导阀设定的安全值时，泄压导阀会自动开启，通过球阀C放出部分水，使管路泄压。广泛用于高层建筑、生活区等供水管网系统及城市供水工程。

500X Pressure Relief/Pressure Sustaining Valve consists of main valve, pilot valve, needle valve, ball valve, micro filter and pressure gauge to form a hydraulic control takeover system. Using hydraulic automatic operation, it can be used as a pressure relief valve and a pressure sustaining valve. When used as a pressure relief valve, it can maintain the pressure of the water supply line below the set safety value and maintain the water supply pressure upstream of the main valve. Its working principle is that when the pilot valve is adjusted to the pressure relief state, the water flows to the outlet through the needle valve, the main valve control room, the ball valve A, the pilot valve and the ball valve B, and the main valve is in the open state at this time. When the inlet pressure exceeds the safety value set by the pilot valve, the pressure relief pilot valve will automatically open, and part of the water will be released through the ball valve C to relieve the pipeline pressure. Widely used in high-rise buildings, living areas and other water supply network systems and urban water supply projects.

◎600X 电动水力控制阀
Electric Hydraulic Control Valve



600X水力电动控制阀由主阀、电磁导阀、针阀、球阀、微形过滤器和压力表组成水力控制接管系统。通过电磁导阀可以实现对阀门开启和关闭的遥控。加装附加装置后，可控制开启和关闭的速度。当阀门从进口端给水时，水流流过针阀进入主阀控制室，当电磁导阀打开时控制室内的水经电磁导阀、球阀流出。可代替其它阀门大型电动装置，广泛用于高层建筑、生活区等供水管网系统及城市供水工程。

600X hydraulic electric control valve consists of main valve, solenoid pilot valve, needle valve, ball valve, micro filter and pressure gauge to form a hydraulic control takeover system. The remote control of the valve opening and closing can be realized through the solenoid pilot valve. The speed of opening and closing can be controlled by adding additional devices. When the valve feeds water from the inlet, the water flows through the needle valve and enters the main valve control room. When the solenoid pilot valve is opened, the water in the control room flows out through the solenoid pilot valve and ball valve. It can replace other large-scale electric devices of valves and is widely used in high-rise buildings, living areas and other water supply pipe network systems and urban water supply projects.

◎700X 水泵控制阀
Pump control valve



700X水泵控制阀由主阀、电磁导阀、针阀、球阀、单向阀、行程开关、微形过滤器和压力表组成水力控制接管系统。水泵需停止工作时，先由进口压使主阀关闭90%后，水泵停止运转。剩余10%由回水关闭。可预防水锤现象发生。当水泵停止工作时，电磁导阀先关闭，主阀控制室停止排水，控制室压力升高，主阀开始关闭。节约能源，保养简便，停泵平稳，广泛用于高层建筑、生活区等供水管网系统及城市供水工程。

700X water pump control valve consists of main valve, solenoid pilot valve, needle valve, ball valve, check valve, travel switch, micro filter and pressure gauge to form a hydraulic control takeover system. When the pump needs to stop working, the main valve is closed by 90% by the inlet pressure, and then the pump stops running. The remaining 10% is closed by the return water. Prevents the occurrence of water hammer. When the water pump stops working, the solenoid pilot valve closes first, the main valve control room stops draining water, the pressure in the control room rises, and the main valve starts to close. Energy saving, easy maintenance, stable pump shutdown, widely used in high-rise buildings, living areas and other water supply pipe network systems and urban water supply projects.

◎800X 压差旁通平衡阀
Differential pressure bypass balance valve



800X压差旁通平衡阀由主阀，压差控制导阀、针阀、球阀、微形过滤器和压力表组成水力控制接管系统。通过专门设计的导阀控制室，对压力变化信号进行比较，输出主阀开度信号，控制主阀开度，从而控制主阀的进出口压差在设定值上。本产品利用水力自力控制，不需要其它装置和能源，保养简便，广泛用于高层建筑、生活区等供水管网系统及城市供水工程。

The 800X differential pressure bypass balance valve is composed of a main valve, a differential pressure control pilot valve, a needle valve, a ball valve, a micro filter and a pressure gauge to form a hydraulic control takeover system. Through the specially designed pilot valve control room, the pressure change signal is compared, the main valve opening signal is output, the main valve opening is controlled, and the pressure difference between the inlet and outlet of the main valve is controlled at the set value. This product uses hydraulic self-control, does not require other devices and energy, and is easy to maintain. It is widely used in high-rise buildings, living areas and other water supply pipe network systems and urban water supply projects.

◎106X 电动遥控浮球阀
Electric remote control float valve



106X电动遥控浮球阀是在100X遥控浮球阀的基础上安装了常开(常闭)型电磁阀电控装置，使该阀具有双保险作用。即使停电或者浮球失灵，也能控制水位，绝不会让水位超过规定的位置，电动浮球阀可以设置启闭水位，解决主阀频繁启闭。该阀广泛用于高层建筑、城市生活用水、消防、工矿企业的水池，水塔的进水管中。

106X electric remote control float valve is a normally open (normally closed) solenoid valve electric control device installed on the basis of 100X remote control float valve, so that the valve has a double safety function. Even if the power is cut off or the float fails, the water level can be controlled, and the water level will never exceed the specified position. The electric float valve can set the opening and closing water level to solve the frequent opening and closing of the main valve. The valve is widely used in the water inlet pipes of high-rise buildings, urban domestic water, fire protection, industrial and mining enterprises.

◎ JD745X 隔膜式多功能水泵控制阀
Diaphragm Type Multifunctional Water Pump Control Valve



隔膜式多功能水泵控制阀是安装在高层建筑给水系统以及其他给水系统的水泵出口处、防止介质倒流、水锤及水击现象的智能型阀门。该阀兼具电动阀、逆止阀和水锤消除器三种功能，可有效地提高供水系统的安全可靠性。并将缓开、速闭、缓闭消除水锤的技术原理一体化，防止开泵水锤和停泵水锤的产生。只需操作水泵电机启闭按钮，阀门即可按照水泵操作规程自动实现启闭，流量大、压力损失小。

Diaphragm multi-function water pump control valve is an intelligent valve installed at the water pump outlet of the water supply system of high-rise buildings and other water supply systems to prevent backflow of media, water hammer and water hammer. The valve has three functions of electric valve, check valve and water hammer eliminator, which can effectively improve the safety and reliability of the water supply system. It also integrates the technical principles of slow opening, quick closing, and slow closing to eliminate water hammer to prevent the occurrence of water hammer when starting the pump and stopping the pump. Only need to operate the pump motor opening and closing button, the valve can be automatically opened and closed according to the pump operation regulations, with large flow and small pressure loss. Diaphragm type is suitable for valves below 600 caliber.

◎ F745X 隔膜式遥控浮球阀
Diaphragm Type Remote Control Float Valve



F745X隔膜式遥控浮球阀是兼具多种功能的水力操作式阀门。主要安装于水池或高架水塔的进水口处，当水位达到设定的高度时，主阀由浮球导阀控制关闭进水口停止供水；当水位下降后，主阀由浮球导阀控制打开进水口向水池注水，实现自动补水。液位控制精确，不受水压干扰；隔膜式遥控浮球阀可随水池的高度及使用空间任意位置安装，维护、调试、检查方便、密封可靠、使用寿命长。隔膜式阀门性能可靠、强度高、动作平衡。

F745X diaphragm remote control float valve is a hydraulic operated valve with multiple functions. It is mainly installed at the water inlet of the pool or overhead water tower. When the water level reaches the set height, the main valve is controlled by the float valve to close the water inlet and stop water supply; When the water level drops, the main valve is controlled by the floating ball pilot valve to open the water inlet to inject water into the pool, so as to realize automatic water replenishment. The liquid level control is accurate and free from water pressure interference; The diaphragm type remote control float valve can be installed at any position along with the height and use space of the pool. It is convenient for maintenance, commissioning and inspection, reliable sealing and long service life. The diaphragm valve has reliable performance, high strength and balanced action.



Cast Steel Valve Series

铸钢阀门系列



PZ73H

铸钢刀型闸阀

Cast steel knife type gate valve



产品概述 Product overview

刀型闸阀顾名思义就是平板闸板底部具有刀型斜切口，具有切断介质的功能，使得阀门关闭不受介质阻塞。

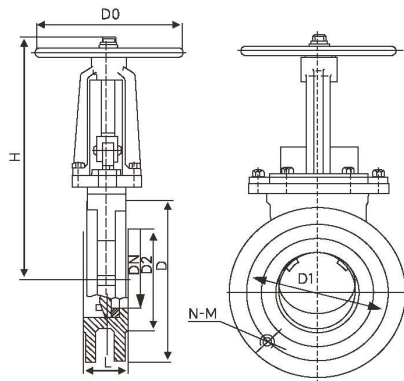
该阀具有开关轻巧、密封可靠、弹性记忆佳及使用寿命长等显著优点。可广泛用于自来水、污水、建筑、石油、化工、食品、医药、轻纺、电力、船舶、冶金、能源系统等体管线上作为调节和截流装置使用。有板式闸阀、刀型泥浆闸阀，刀型排渣闸阀，单夹式渣浆闸阀和手动单夹式刀型闸阀。

As the name implies, the knife gate valve has a knife shaped oblique notch at the bottom of the flat valve plate, which has the function of cutting off the medium, so that the valve can be closed without being blocked by the medium.

The valve has the advantages of light switch, reliable sealing, good elastic memory and long service life. It can be widely used in tap water, sewage, construction, petroleum, chemical industry, food, medicine, light textile, electric power, ships, metallurgy, energy systems and other pipelines as regulating and intercepting devices. There are plate type gate valve, knife type mud gate valve, knife type slag discharge gate valve, single clip type slag slurry gate valve and manual single clip type knife type gate valve.

执行标准 Performance standard

设计与制造 Design and manufacturing	结构长度 Face to face dimension	法兰连接 Flange connection	检验与试验 Inspection and test
JB/T8691-1998	GB/T12221	GB/T9113.1-2000	GB/T13927-92



性能规范 Performance specification

公称压力 Nominal pressure	壳体试验 Shell test	密封试验 Sealing test	工作温度 Working temperature	适用介质 Applicable medium
PN	1.5×PN	1.1×PN	橡胶Rubber≤80℃ 四氟密封 PTFE seal ≤180℃ 硬密封 Hard seal ≤425℃	糖浆、纸浆、污水、 煤浆、灰、 渣水混合物 Syrup, pulp, sewage, coal slurry, ash, slag and water mixture

主要零部件材质 Materials of main parts

零件名称Part Name	材质Texture of material
阀体、上盖Valve body and upper cover	碳钢Carbon steel
闸板Ram	不锈钢Stainless steel
阀杆Stem	不锈钢Stainless steel
密封圈Seal ring	橡胶、四氟、不锈钢、硬质合金Rubber, PTFE, stainless steel, hard alloy

主要外形尺寸和连接尺寸 Main shape size and connection size

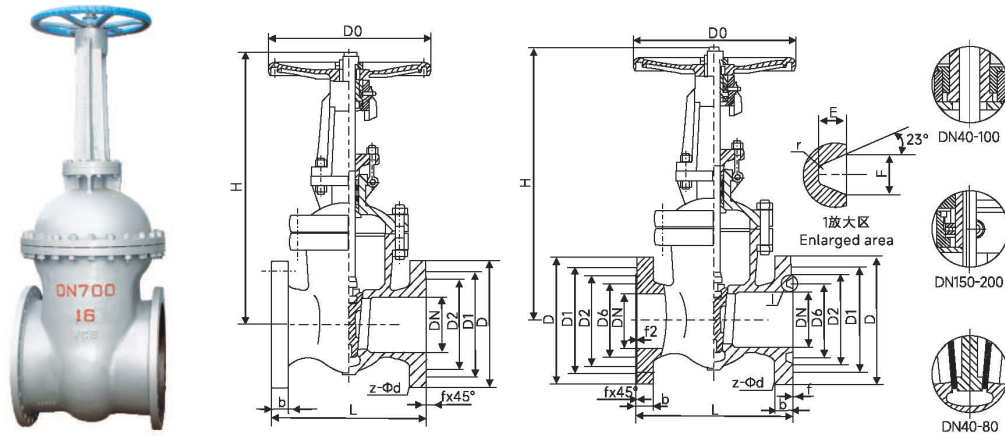
单位Unit:mm

DN	PN1.0MPa						
	L	D	D1	D2	H	N-M	D0
50	48	160	125	100	285	4 - M16	180
65	48	180	145	120	298	4 - M16	180
80	50	195	160	135	315	4 - M16	220
100	50	215	180	155	365	8 - M16	220
125	50	245	210	185	400	8 - M16	230
150	57	280	240	210	475	8 - M20	280
200	70	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	76	500	460	428	885	16 - M20	400
400	89	565	515	482	990	16 - M22	400
450	89	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
700	130	895	840	800	1700	24 - M27	600
800	130	1010	950	905	2000	24 - M30	680
900	140	1110	1050	1005	2300	28 - M30	680

Z40/41H

铸钢闸阀

Cast Steel Gate Valve



◎主要外形尺寸和连接尺寸 Main shape size and connection size

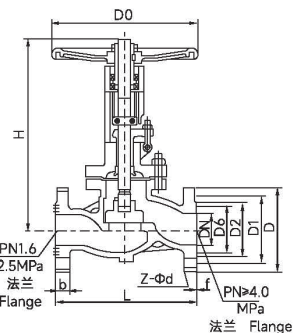
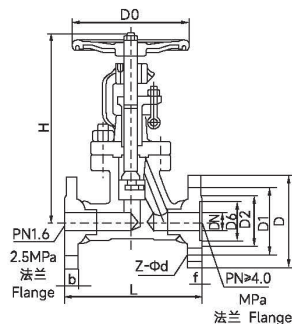
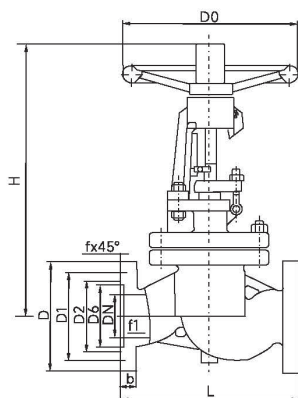
单位Unit:mm

DN	L	D	D1	D2	b	f	z-φd	H	H1	D0
PN1.6MPa										
15	130	95	65	45	16	2	4-14	220	-	120
20	150	105	75	55	18	2	4-14	255	-	140
25	160	115	85	65	18	2	4-14	275	-	160
32	180	140	100	78	18	2	4-18	280	-	180
40	200	150	110	85	18	3	4-18	300	-	200
50	250	165	125	100	18	3	4-18	358	-	240
65	265	185	145	120	18	3	8-18	375	-	240
80	280	200	160	135	20	3	8-18	433	-	280
100	300	220	180	155	20	3	8-18	502	-	300
125	325	250	210	185	22	3	8-18	612	-	320
150	350	285	240	210	22	3	8-22	676	-	320
200	400	340	295	265	24	3	12-22	820	-	400
250	450	405	355	320	26	3	12-26	969	-	450
300	500	460	410	375	28	3	12-26	1142	-	500
350	550	520	470	435	30	4	16-26	1280	-	500
400	600	580	525	485	32	4	16-30	1452	-	560
450	650	640	585	545	40	4	20-30	1541	-	600
500	700	715	650	608	44	4	20-33	1676	-	600
600	800	840	770	718	54	5	20-36	1874	-	720
700	900	910	840	788	58	5	24-36	2139	-	800
800	1000	1025	950	898	62	5	24-39	2293	-	950
900	1100	1125	1050	998	64	5	28-39	2595	-	1000
1000	1200	1255	1170	1110	68	5	28-42	2733	-	1000
1200	1350	1485	1390	1325	78	5	32-48	3032	-	1000
PN2.5MPa										
15	130	95	65	45	16	2	4-14	220	240	120
20	150	105	75	55	18	2	4-14	255	284	140
25	160	115	85	65	18	2	4-14	275	303	160
32	180	140	100	78	18	2	4-18	280	321	180
40	200	150	110	85	18	3	4-18	300	352	200
50	250	165	125	100	20	3	4-18	358	438	240
65	265	185	145	120	22	3	8-18	375	450	240
80	280	200	160	135	24	3	8-18	433	528	280
100	300	235	190	160	24	3	8-22	502	620	300
125	325	270	220	188	26	3	8-26	612	753	320
150	350	300	250	218	28	3	8-26	676	847	320
200	400	360	310	278	30	3	12-26	820	1039	400
250	450	425	370	332	32	3	12-30	969	1245	450
300	500	485	430	390	34	4	16-30	1142	1472	500
350	550	555	490	448	38	4	16-33	1280	1450	500
400	600	620	550	505	40	4	16-36	1452	1887	560
450	650	670	600	555	46	4	20-36	1541	2011	600
500	700	730	660	610	48	4	20-36	1676	2181	640
600	800	845	770	718	58	5	20-39	1874	2346	720
700	900	960	875	815	60	5	24-42	2083	2517	800
800	1000	1085	990	930	66	5	24-48	2400	2890	950
900	1100	1185	1090	1025	70	5	28-48	2950	3316	1000
1000	1200	1320	1210	1140	74	5	28-56	3245	3600	1000
1200	1075	1525	1420	1350	86	-	32-56	4100	-	1000
1400	1080	1750	1640	1560	92	-	36-62	5020	-	1000

J41H

铸钢截止阀

Cast steel globe valve



◎主要外形尺寸和连接尺寸 Main shape size and connection size

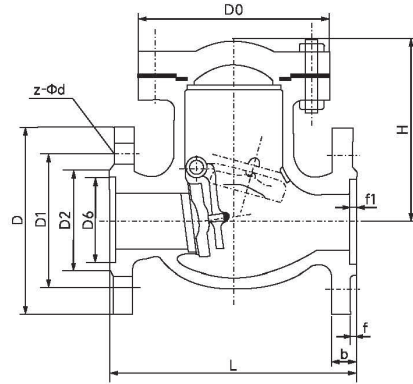
单位Unit:mm

DN	L	D	D1	D2	b	f	Z-φd	H	D0
PN1.6MPa									
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	18	2	4-14	258	140
25	160	115	85	65	18	2	4-14	275	140
32	180	140	100	78	18	2	4-18	280	160
40	200	150	110	85	18	3	4-18	330	180
50	230	165	125	100	18	3	4-18	350	200
65	290	185	145	120	18	3	8-18	400	280
80	310	200	160	135	20	3	8-18	355	280
100	350	220	180	155	20	3	8-18	415	320
125	400	250	210	185	22	3	8-18	460	360
150	480	285	240	210	22	3	8-22	510	450
200	600	340	295	265	24	3	12-22	710	500
250	650	405	355	320	26	3	12-26	786	550
300	750	460	410	375	28	3	12-26	925	600
350	850	520	470	435	30	4	16-26	980	700
400	950	580	525	485	32	4	16-30	1030	800
450	1050	640	585	545	40	4	20-30	1080	1000
500	1150	715	650	608	44	4	20-33	1140	1300
PN2.5MPa									
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	18	2	4-14	258	140
25	160	115	85	65	18	2	4-14	275	140
32	180	140	100	78	18	2	4-18	280	160
40	200	150	110	85	18	3	4-18	330	180
50	230	165	125	100	20	3	4-18	350	200
65	290	185	145	120	22	3	8-18	400	280
80	310	200	160	135	24	3	8-18	355	280
100	350	235	190	160	24	3	8-22	415	320
125	400	270	220	188	26	3	8-26	460	360
150	480	300	250	218	28	3	8-26	510	450
200	600	360	310	278	30	3	12-26	710	500
250	650	425	370	332	32	3	12-30	786	550
300	750	485	430	390	34	4	16-30	925	600
350	850	555	490	448	38	-	16-33	1075	700
400	950	620	550	505	40	-	16-36	1235	800
450	1050	670	600	555	46	-	20-36	1235	1000
500	1150	730	660	610	48	-	20-36	1235	1350

H44H

铸钢旋启式止回阀

Cast Steel Swing Check Valve



◎主要外形尺寸和连接尺寸 Main shape size and connection size

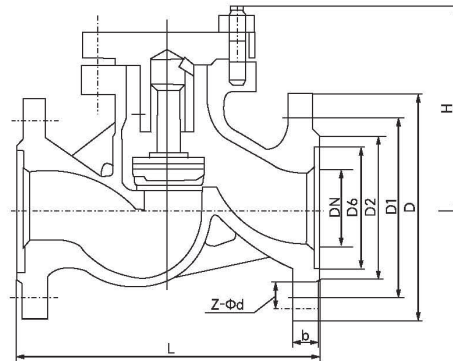
单位Unit:mm

DN	L	D	D1	D2	b	f	z-Φd	参考值 Reference value	
								D0	H
PN1.6MPa									
25	160	115	85	65	16	2	4-14	140	130
32	180	135	100	78	16	2	4-18	150	140
40	200	145	110	85	16	2	4-18	160	150
50	230	160	125	100	16	2	4-18	185	160/135
65	290	180	145	120	18	3	4-18	215	177/142
80	310	195	160	135	20	3	8-18	235	187/165
100	350	215	180	155	20	3	8-18	255	202/180
125	400	245	210	185	22	3	8-18	285	227/210
150	480	280	240	210	24	3	8-23	330	263/233
200	550	335	295	265	26	3	12-23	385	293/304
250	650	405	355	320	30	3	12-25	455	330/348
300	750	460	410	375	30	4	12-25	515	382/390
350	850	520	470	435	34	4	16-25	545	430
400	950	580	525	485	36	4	16-30	600	480/468
500	1150	705	650	608	44	4	20-34	730	560/525
600	1350	840	770	718	48	-	20-41	-	-
700	1450	910	840	788	50	-	24-41	-	-
800	1650	1020	950	898	52	-	24-41	-	-

H41H

铸钢升降式止回阀

Cast steel lifting check valve



◎主要外形尺寸和连接尺寸 Main shape size and connection size

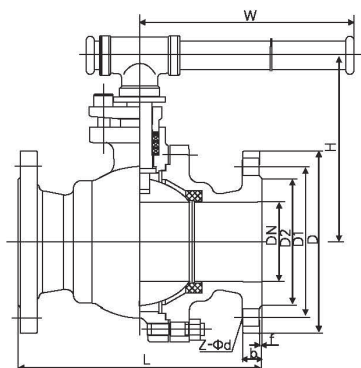
单位Unit:mm

DN	L	D	D1	D2	D6	b	z-Φd	参考值 Reference value H
PN1.6MPa								
15	130	95	65	45	-	14	4-14	90/77
20	150	105	75	55	-	14	4-14	95/77
25	160	115	85	65	-	14	4-14	100/80
32	180	135	100	78	-	16	4-18	105/85
40	200	145	110	85	-	16	4-18	110/95
50	230	160	125	100	-	16	4-18	115/105
65	290	180	145	120	-	18	4-18	140/120
80	310	195	160	135	-	20	8-18	170/130
100	350	215	180	155	-	20	8-18	200/140
125	400	245	210	185	-	22	8-18	230/155
150	480	280	240	210	-	24	8-23	255/180
200	600	335	295	265	-	26	12-23	285/215
250	650	405	355	320	-	30	12-25	290/260
300	750	460	410	375	-	30	12-25	300/315
400	1100	580	525	485	-	36	16-30	-
500	1250	705	650	608	-	44	20-34	-
PN2.5MPa								
15	130	95	65	45	-	16	4-14	90/100
20	150	105	75	55	-	16	4-14	95/105
25	160	115	85	65	-	16	4-14	100/120
32	180	135	100	78	-	18	4-18	105/130
40	200	145	110	85	-	18	4-18	110/135
50	230	160	125	100	-	20	4-18	115/149
65	290	180	145	120	-	22	8-18	140/160
80	310	195	160	135	-	22	8-18	170/169
100	350	230	190	160	-	24	8-23	200/194
125	400	270	220	188	-	28	8-25	232/222
150	480	300	250	218	-	30	8-25	262/255
200	600	360	310	278	-	34	12-25	285/305
250	650	425	370	332	-	36	12-30	290/355
300	750	485	430	390	-	40	16-30	300/410
400	1100	580	525	485	-	36	16-30	-
500	1250	705	650	608	-	44	20-34	-
PN4.0MPa								
15	130	95	65	45	40	16	4-14	100/90
20	150	105	75	55	51	16	4-14	105/95
25	160	115	85	65	58	16	4-14	120/105
32	180	135	100	78	66	18	4-18	130/120
40	200	145	110	85	76	18	4-18	135/140
50	230	165	125	100	88	20	4-18	149/150
65	290	185	145	120	110	22	8-18	164/160
80	310	200	160	135	121	22	8-18	169/175
100	350	235	190	160	150	24	8-23	194/200
125	400	270	220	188	176	28	8-25	225/225
150	480	300	250	218	204	30	8-25	255/262
200	600	375	320	282	260	38	12-30	305/315
250	650	445	385	345	313	42	12-34	360/360
300	750	510	450	408	364	46	16-34	415/415
350	980	570	510	465	422	52	16-34	-
400	1100	655	585	535	474	58	16-41	-
450	1200	680	610	560	524	60	16-41	-
500	1250	755	670	612	576	62	20-48	-

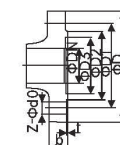
Q41/Q341/Q641/Q941F/H

浮动球阀

Floating ball valve



蜗轮传动
Worm gear drive



PN40-PN100法兰 flange

◎主要外形尺寸和连接尺寸 Main shape size and connection size

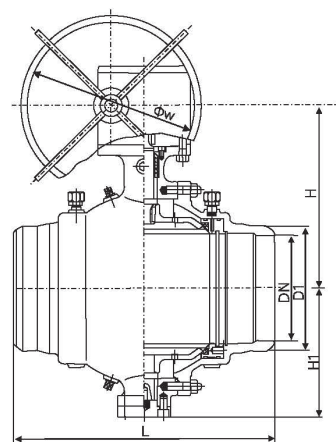
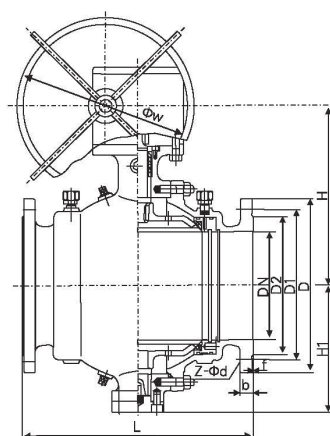
单位Unit:mm

DN	L	D	D1	D2	D3	b	f	Z-Φd0	W		H	
									手动 Manual	蜗轮 Worm gear	手动 Manual	蜗轮 Worm gear
PN1.6MPa												
15	130	95	65	45	-	14	2	4-14	140	-	85	-
20	140	105	75	55	-	14	2	4-14	140	-	90	-
25	150	115	85	65	-	14	2	4-14	160	-	99	-
32	165	135	100	78	-	16	2	4-18	180	-	105	-
40	180	145	110	85	-	16	3	4-18	235	-	126	-
50	200	160	125	100	-	16	3	4-18	250	-	140	-
65	220	180	145	120	-	18	3	4-18	285	-	165	-
80	250	195	160	135	-	20	3	8-18	320	-	178	-
100	280	215	180	155	-	20	3	8-18	350	-	230	380
125	320	245	210	185	-	22	3	8-18	800	-	280	405
150	360	280	240	210	-	24	3	8-23	1000	-	310	460
200	400	335	295	265	-	26	3	12-23	1200	-	350	550
250	457	405	355	320	-	30	3	12-25	1400	-	-	-
PN2.5MPa												
15	130	95	65	45	-	16	2	4-14	140	-	85	-
20	140	105	75	55	-	16	2	4-14	140	-	90	-
25	150	115	85	65	-	16	2	4-14	150	-	99	-
32	165	135	100	78	-	18	2	4-18	180	-	105	-
40	180	145	110	85	-	18	3	4-18	200	-	126	-
50	200	160	125	100	-	20	3	4-18	250	-	140	-
65	220	180	145	120	-	22	3	8-18	300	-	165	-
80	250	195	160	135	-	22	3	8-18	350	-	178	-
100	280	230	190	160	-	24	3	8-23	500	-	230	380
125	320	270	220	188	-	28	3	8-25	800	-	280	405
150	360	300	250	218	-	30	3	8-25	1000	-	310	460
200	400	360	310	278	-	34	3	12-25	1200	-	350	550
250	457	425	370	332	-	36	3	12-30	1400	-	-	-

Q47/Q347/Q647/Q947F/H

固定球阀

Trunnion mounted ball valve



◎主要外形尺寸和连接尺寸 Main shape size and connection size

单位Unit:mm

DN	L	D	D1	D2	b	f	Z-Φd0	W		H	
								手动 Manual	347型	647型	
PN1.6MPa											
15	140	95	65	45	14	2	4-14	130	-	-	
20	152	105	75	55	14		4-14	170	-	-	
25	165	115	85	65	14		4-14	170	-	-	
32	178	135	100	78	16		4-18	200	-	-	
40	190	145	110	85	16		4-18	25	-	-	
50	220	160	125	100	16		4-18	25	-	-	
65	241	180	145	120	18	3	4-18	350	-	-	
80	283	195	180	135.4	20		8-18	350	-	-	
100	305	215	180	155	20		8-18	420	-	-	
125	381	245	210	185	22		8-18	700	-	542	
150	394	280	240	210	24		8-23	100	305	672	
200	457	335	295	265	28		12-23	1300	398	736	
250	533	405	355	320	30	4	12-25	1800	495	890	
300	610	460	410	375	30		12-25	-	580	910	
350	686	520	470	435	34		16-25	-	625	1020	
400	762	580	525	485	36		16-30	-	720	1080	
450	864	640	585	545	40		20-30	-	770	1120	
500	914	705	650	608	44		20-34	-	840	1150	
600	1067	840	770	718	48	5	20-41	-	920	1230	
700	1245	910	840	788	50		24-41	-	990	1310	
PN2.5MPa											
15	140	95	65	45	16	2	4-14	130	-	-	
20	152	105	75	55	16		4-14	170	-	-	
25	165	115	85	65	16		4-14	170	-	-	
32	178	135	100	78	18		4-18	200	-	-	
40	190	145	110	85	18		4-18	250	-	-	
50	220	160	125	100	20		4-18	250	-	-	
65	241	180	145	120	22	3	8-18	350	-	-	
80	283	195	160	135	22		8-18	350	-	-	
100	305	230	190	160	24		8-23	420	-	418	
125	381	270	220	188	28		8-25	720	-	542	
150	403	300	250	218	30		8-25	1000	305	572	
200	502	360	310	278	34		12-25	1300	398	736	
250	568	425	370	332	36	4	12-30	1800	495	890	
300	648	485	430	390	40		16-30	-	580	910	
350	762	550	490	448	44		16-34	-	625	1020	
400	838	610	550	505	48		16-34	-	720	1080	
450	914	660	600	555	50		20-34	-	770	1120	
500	991	730	660	610	52		20-41	-	840	1150	
600	1143	840	770	718	56	5	20-41	-	920	1230	
700	1346	955	875	815	60		24-48	-	990	1310	



中国平安
PINGAN

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