

Catálogo

Indústria



ZHENGANAN
— VALVE —



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BUTTERFLY VALVE

SERIES 蝶阀系列

产品材质 Product material: WCB, A105, LCB, LF2, WC6, F11, WC9, F22, QT450, ZG1Cr5Mo, F5, ZG20CrMoV, ZG15Cr1Mo1V, 12Cr1MoV, C12A, F91, F92, CF8, F304, CF8M, F316, CF3, F304L, CF3M, F316L, CF8C, F347, F304H, F316H, F321H, 4A, F51, 5A, F53, Inconel, Monel, 铜合金(Copper alloy), 钛合金(Titanium alloy), 哈氏合金(Hastelloy alloy), 镍合金(Nickel alloy)等

制造标准 Manufacturer's standard: GB, DIN, API, ANSI, JIS, BS等
公称通径 Nominal Diameter: 10mm~4000mm及1/2"~160"
工作压力 Working pressure: 0.25MPa~76.0MPa/150Lb~4500Lb/10K~320K
工作温度 Operation temperature: -196°C~816°C

适用工况: 石油、化工、天然气、电站、核电、军工、市政、冶金、建筑、制药、造纸、煤矿、水泥、排污、环保、新能源等行业

Applicable working conditions: petroleum, chemical, natural gas, power plants, nuclear power, military, municipal, metallurgical, construction, pharmaceutical, papermaking, coal mining, cement, pollution discharge, environmental protection, new energy and other industries



“正”为人正直，做事做生意要正派
“南”在分为上，即清晨面对太阳

不锈钢蝶阀
Stainless Steel Butterfly Valve

电动法兰蝶阀
Electric flange butterfly valve



双向压法兰蝶阀
Bidirectional pressure flange butterfly valve



蜗轮法兰蝶阀
Worm gear flange butterfly valve



硬密封法兰蝶阀
Hard sealed flange butterfly valve



硬密封对夹蝶阀
Hard sealed clamp butterfly valve



电动法兰蝶阀
Electric flange butterfly valve



大口径法兰蝶阀
Large diameter flange butterfly valve



气动法兰蝶阀
Pneumatic flange butterfly valve



硬密封对夹蝶阀
Hard sealed clamp butterfly valve



蜗轮对焊蝶阀
Worm gear butt welding butterfly valve



蜗轮伸缩蝶阀
Worm gear telescopic butterfly valve



软密封法兰蝶阀
Soft sealed flange butterfly valve



蜗轮法兰蝶阀
Worm gear flange butterfly valve

BALL VALVE

SERIES 球阀系列

产品材质 Product material: WCB, A105, LCB, LF2, WC6, F11, WC9, F22, QT450, ZG1Cr5Mo, F5, ZG20CrMoV, ZG15Cr1Mo1V, 12Cr1MoV, C12A, F91, F92, CF8, F304, CF8M, F316, CF3, F304L, CF3M, F316L, CF8C, F347, F304H, F316H, F321H, 4A, F51, 5A, F53, Inconel, Monel, 铜合金(Copper alloy), 钛合金(Titanium alloy), 哈氏合金(Hastelloy alloy), 镍合金(Nickel alloy)等

制造标准 Manufacturer's standard: GB, DIN, API, ANSI, JIS, BS等
公称通径 Nominal Diameter: 10mm~4000mm及1/2"~160"
工作压力 Working pressure: 0.25MPa~76.0MPa/150Lb~4500Lb/10K~320K
工作温度 Operation temperature: -196°C~816°C

适用工况: 石油、化工、天然气、电站、核电、军工、市政、冶金、建筑、制药、造纸、煤矿、水泥、排污、环保、新能源等行业

Applicable working conditions: petroleum, chemical, natural gas, power plants, nuclear power, military, municipal, metallurgical, construction, pharmaceutical, papermaking, coal mining, cement, pollution discharge, environmental protection, new energy and other industries



偏心半球阀
Eccentric hemispherical valve

“正”为人正直，做事做生意要正派
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旋球阀
Spin ball valve



固定式法兰球阀
Fixed flange ball valve



蜗轮全焊接球阀
Worm gear fully welded ball valve



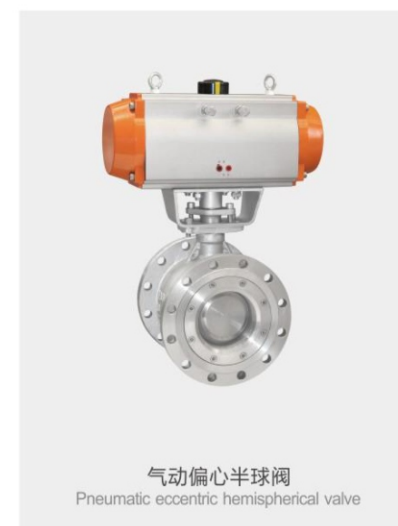
蜗轮浮动法兰球阀
Worm gear floating flange ball valve



气动三通法兰球阀
Pneumatic three-way flange ball valve



高平台对夹薄型球阀
High platform wafer thin ball valve



气动偏心半球阀
Pneumatic eccentric hemispherical valve



硬密封法兰球阀
Hard sealed flange ball valve



国标化工部法兰球阀
GB Ministry of chemical industry
Flange ball valve

GATE VALVE SERIES 闸阀系列

产品材质 Product material: WCB, A105, LCB, LF2, WC6, F11, WC9, F22, QT450, ZG1Cr5Mo, F5, ZG20CrMoV, ZG15Cr1Mo1V, 12Cr1MoV, C12A, F91, F92, CF8, F304, CF8M, F316, CF3, F304L, CF3M, F316L, CF8C, F347, F304H, F316H, F321H, 4A, F51, 5A, F53, Inconel, Monel, 铜合金(Copper alloy), 钛合金(Titanium alloy), 哈氏合金(Hastelloy alloy), 镍合金(Nickel alloy)等

制造标准 Manufacturer's standard: GB, DIN, API, ANSI, JIS, BS等
公称通径 Nominal Diameter: 10mm~4000mm及1/2"~160"
工作压力 Working pressure: 0.25MPa~76.0MPa/150Lb~4500Lb/10K~320K
工作温度 Operation temperature: -196°C~816°C

适用工况: 石油、化工、天然气、电站、核电、军工、市政、冶金、建筑、制药、造纸、煤矿、水泥、排污、环保、新能源等行业

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国标法兰闸阀
GB flange gate valve

“正”为人正直，做事做生意要正派
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国标法兰闸阀
GB flange gate valve



国标焊接闸阀
GB welding gate valve



低温闸阀
Low temperature gate valve



气动闸阀
Pneumatic gate valve



电动对焊闸阀
Electric welding gate valve



电动法兰闸阀
Electric flange gate valve

GLOBE VALVE SERIES 截止阀系列

产品材质 Product material: WCB, A105, LCB, LF2, WC6, F11, WC9, F22, QT450, ZG1Cr5Mo, F5, ZG20CrMoV, ZG15Cr1Mo1V, 12Cr1MoV, C12A, F91, F92, CF8, F304, CF8M, F316, CF3, F304L, CF3M, F316L, CF8C, F347, F304H, F316H, F321H, 4A, F51, 5A, F53, Inconel, Monel, 铜合金(Copper alloy), 钛合金(Titanium alloy), 哈氏合金(Hastelloy alloy), 镍合金(Nickel alloy)等

制造标准 Manufacturer's standard: GB, DIN, API, ANSI, JIS, BS等
公称通径 Nominal Diameter: 10mm~4000mm及1/2"~160"
工作压力 Working pressure: 0.25MPa~76.0MPa/150Lb~4500Lb/10K~320K
工作温度 Operation temperature: -196°C~816°C

适用工况: 石油、化工、天然气、电站、核电、军工、市政、冶金、建筑、制药、造纸、煤矿、水泥、排污、环保、新能源等行业

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国标法兰截止阀
GB flange globe valve

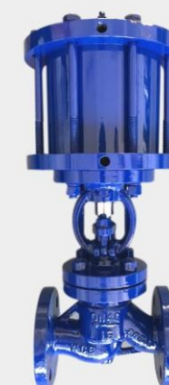
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“南”在分为上，即清晨面对太阳



国标法兰截止阀
GB flange globe valve



电动法兰截止阀
Electric flange globe valve



气动法兰截止阀
Pneumatic flange globe valve



焊接截止阀
Welding globe valve



柱塞角式截止阀
Plunger angle globe valve



伞齿轮法兰截止阀
Bevel gear flange globe valve

CHECK VALVE SERIES 止回阀系列

产品材质 Product material: WCB, A105, LCB, LF2, WC6, F11, WC9, F22, QT450, ZG1Cr5Mo, F5, ZG20CrMoV, ZG15Cr1Mo1V, 12Cr1MoV, C12A, F91, F92, CF8, F304, CF8M, F316, CF3, F304L, CF3M, F316L, CF8C, F347, F304H, F316H, F321H, 4A, F51, 5A, F53, Inconel, Monel, 铜合金(Copper alloy), 钛合金(Titanium alloy), 哈氏合金(Hastelloy alloy), 镍合金(Nickel alloy)等

制造标准 Manufacturer's standard: GB, DIN, API, ANSI, JIS, BS等

公称通径 Nominal Diameter: 10mm~4000mm及1/2"~160"

工作压力 Working pressure: 0.25MPa~76.0MPa/150Lb~4500Lb/10K~320K

工作温度 Operation temperature: -196°C~816°C

适用工况: 石油、化工、天然气、电站、核电、军工、市政、冶金、建筑、制药、造纸、煤矿、水泥、排污、环保、新能源等行业

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升降式法兰止回阀
Lifting flange check valve

“正”为人正直，做事做生意要正派
“南”在分为上，即清晨面对太阳



旋启式法兰止回阀
Swing type flange check valve



美标旋启式法兰止回阀
API Swing type flange check valve



立式止回阀
Vertical check valve



对夹止回阀
Clamp check valve



对夹止回阀
Clamp check valve

AUTOMATIC CONTROL VALVE SERIES 自控阀门系列

产品材质 Product material: WCB, A105, LCB, LF2, WC6, F11, WC9, F22, QT450, ZG1Cr5Mo, F5, ZG20CrMoV, ZG15Cr1Mo1V, 12Cr1MoV, C12A, F91, F92, CF8, F304, CF8M, F316, CF3, F304L, CF3M, F316L, CF8C, F347, F304H, F316H, F321H, 4A, F51, 5A, F53, Inconel, Monel, 铜合金(Copper alloy), 钛合金(Titanium alloy), 哈氏合金(Hastelloy alloy), 镍合金(Nickel alloy)等

制造标准 Manufacturer's standard: GB, DIN, API, ANSI, JIS, BS等

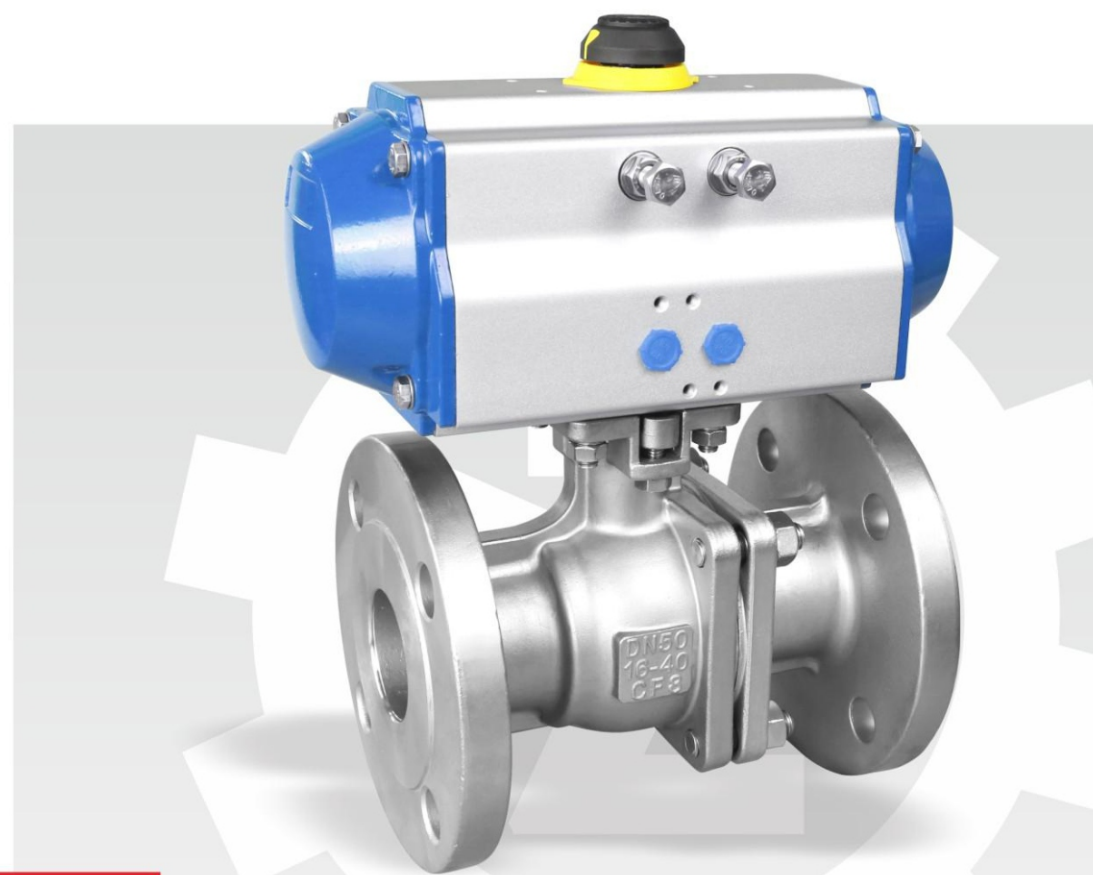
公称通径 Nominal Diameter: 10mm~4000mm及1/2"~160"

工作压力 Working pressure: 0.25MPa~76.0MPa/150Lb~4500Lb/10K~320K

工作温度 Operation temperature: -196°C~816°C

适用工况: 石油、化工、天然气、电站、核电、军工、市政、冶金、建筑、制药、造纸、煤矿、水泥、排污、环保、新能源等行业

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气动高平台法兰球阀
Pneumatic high platform flange ball valve

“正”为人正直，做事做生意要正派
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电动法兰闸阀
Electric flange gate valve



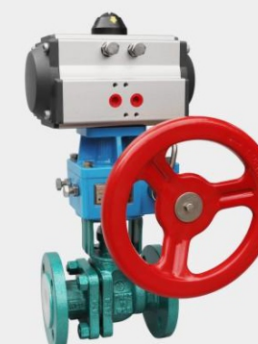
气动法兰截止阀
Pneumatic flange globe valve



气动法兰闸阀
Pneumatic flange gate valve



电动法兰截止阀
Electric flange globe valve



气动带手操衬氟球阀
Pneumatic fluorine lined ball valve with manual operation



气动带手操法兰球阀
Pneumatic flanged ball valve with manual operation



电动高平台法兰球阀
Electric high platform flange ball valve



电动三通法兰球阀
Electric three-way flange ball valve

THREADED VALVE

SERIES 丝扣阀门系列

产品材质 Product material: WCB, A105, LCB, LF2, WC6, F11, WC9, F22, QT450, ZG1Cr5Mo, F5, ZG20CrMoV, ZG15Cr1Mo1V, 12Cr1MoV, C12A, F91, F92, CF8, F304, CF8M, F316, CF3, F304L, CF3M, F316L, CF8C, F347, F304H, F316H, F321H, 4A, F51, 5A, F53, Inconel, Monel, 铜合金(Copper alloy), 钛合金(Titanium alloy), 哈氏合金(Hastelloy alloy), 镍合金(Nickel alloy)等

制造标准Manufacturer's standard: GB, DIN, API, ANSI, JIS, BS等
公称通径Nominal Diameter: 10mm~4000mm及1/2"~160"
工作压力Working pressure: 0.25MPa~76.0MPa/150Lb~4500Lb/10K~320K
工作温度Operation temperature: -196°C~816°C

适用工况: 石油、化工、天然气、电站、核电、军工、市政、冶金、建筑、制药、造纸、煤矿、水泥、排污、环保、新能源等行业

Applicable working conditions: petroleum, chemical, natural gas, power plants, nuclear power, military, municipal, metallurgical, construction, pharmaceutical, papermaking, coal mining, cement, pollution discharge, environmental protection, new energy and other industries



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二片式球阀
2PC threaded ball valve



三片式球阀
3PC threaded ball valve



三通球阀
Three way ball valve



三片式高压球阀
3PC high-pressure ball valve



三片式高平台球阀
3PC high platform ball valve



电动三片式球阀
Electric three piece ball valve



丝扣闸阀
Screw thread gate valve



丝扣截止阀
Screw thread globe valve



丝扣止回阀
Screw thread check valve



Y型过滤器
Y-shaped filter

WATER VALVE SERIES 水阀系列

产品材质 Product material: WCB, A105, LCB, LF2, WC6, F11, WC9, F22, QT450, ZG1Cr5Mo, F5, ZG20CrMoV, ZG15Cr1Mo1V, 12Cr1MoV, C12A, F91, F92, CF8, F304, CF8M, F316, CF3, F304L, CF3M, F316L, CF8C, F347, F304H, F316H, F321H, 4A, F51, 5A, F53, Inconel, Monel, 铜合金(Copper alloy), 钛合金(Titanium alloy), 哈氏合金(Hastelloy alloy), 镍合金(Nickel alloy)等

制造标准 Manufacturer's standard: GB, DIN, API, ANSI, JIS, BS等
公称通径 Nominal Diameter: 10mm~4000mm及1/2"~160"
工作压力 Working pressure: 0.25MPa~76.0MPa/150Lb~4500Lb/10K~320K
工作温度 Operation temperature: -196°C~816°C

适用工况: 石油、化工、天然气、电站、核电、军工、市政、冶金、建筑、制药、造纸、煤矿、水泥、排污、环保、新能源等行业

Applicable working conditions: petroleum, chemical, natural gas, power plants, nuclear power, military, municipal, metallurgical, construction, pharmaceutical, papermaking, coal mining, cement, pollution discharge, environmental protection, new energy and other industries



软密封闸阀
Soft sealed gate valve

“正”为人正直，做事做生意要正派
“南”在分为上，即清晨面对太阳



暗杆闸阀
Non rising stem gate valve



加密软密封闸阀
Encrypted soft seal valve



黄铜闸阀
Brass gate valve

弹性座封法兰闸阀
Elastic seat sealed flange gate valve

黄铜工程专用闸阀
Brass engineering specific gate valve



黄铜法兰闸阀
Brass flange gate valve



水力浮球阀
Hydraulic float valve



水力减压阀
Hydraulic pressure reducing valve



水力止回阀
Hydraulic check valve



波纹管补偿器
Bellows compensator



橡胶软接头
Rubber flexible joint

CONTROL VALVE SERIES 调节阀系列

产品材质 Product material: WCB, A105, LCB, LF2, WC6, F11, WC9, F22, QT450, ZG1Cr5Mo, F5, ZG20CrMoV, ZG15Cr1Mo1V, 12Cr1MoV, C12A, F91, F92, CF8, F304, CF8M, F316, CF3, F304L, CF3M, F316L, CF8C, F347, F304H, F316H, F321H, 4A, F51, 5A, F53, Inconel, Monel, 铜合金(Copper alloy), 钛合金(Titanium alloy), 哈氏合金(Hastelloy alloy), 镍合金(Nickel alloy)等

制造标准Manufacturer's standard: GB, DIN, API, ANSI, JIS, BS等

公称通径Nominal Diameter: 10mm~4000mm及1/2"~160"

工作压力Working pressure: 0.25MPa~76.0MPa/150Lb~4500Lb/10K~320K

工作温度Operation temperature: -196°C~816°C

适用工况: 石油、化工、天然气、电站、核电、军工、市政、冶金、建筑、制药、造纸、煤矿、水泥、排污、环保、新能源等行业

Applicable working conditions: petroleum, chemical, natural gas, power plants, nuclear power, military, municipal, metallurgical, construction, pharmaceutical, papermaking, coal mining, cement, pollution discharge, environmental protection, new energy and other industries



薄膜调节阀
Diaphragm Control Valve

“正”为人正直，做事做生意要正派
“南”在分为上，即清晨面对太阳



气动精小型套筒调节阀
Pneumatic precision small sleeve regulating valve



电子式电动单座调节阀
Electronic electric single seat valve regulating valve



电动调节阀
Electric control valve



目力式电控温度调节阀
Visual electronic temperature control valve



电子式精小型调节阀
Electronic precision small regulating valve



电动三通调节阀
Electric three-way regulating valve

FORGED STEEL VALVE SERIES 锻钢阀系列

产品材质 Product material: WCB, A105, LCB, LF2, WC6, F11, WC9, F22, QT450, ZG1Cr5Mo, F5, ZG20CrMoV, ZG15Cr1Mo1V, 12Cr1MoV, C12A, F91, F92, CF8, F304, CF8M, F316, CF3, F304L, CF3M, F316L, CF8C, F347, F304H, F316H, F321H, 4A, F51, 5A, F53, Inconel, Monel, 铜合金(Copper alloy)、钛合金(Titanium alloy)、哈氏合金(Hastelloy alloy)、镍合金(Nickel alloy)等

制造标准 Manufacturer's standard: GB, DIN, API, ANSI, JIS, BS等

公称通径 Nominal Diameter: 10mm~4000mm及1/2"~160"

工作压力 Working pressure: 0.25MPa~76.0MPa/150Lb~4500Lb/10K~320K

工作温度 Operation temperature: -196°C~816°C

适用工况: 石油、化工、天然气、电站、核电、军工、市政、冶金、建筑、制药、造纸、煤矿、水泥、排污、环保、新能源等行业

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锻钢对焊截止阀
Forged steel butt welding globe valve

“正”为人正直，做事做生意要正派
“南”在分为上，即清晨面对太阳



法兰止回阀
Flange check valve



锻钢过滤器
Forged steel filter



锻钢法兰闸阀
Forged steel flange gate valve



锻钢低温闸阀
Forged steel low-temperature gate valve



锻钢低温截止阀
Forged steel low-temperature globe valve



锻钢304焊接截止阀
Forged steel 304 welded globe valve



法兰止回阀
Flange check valve

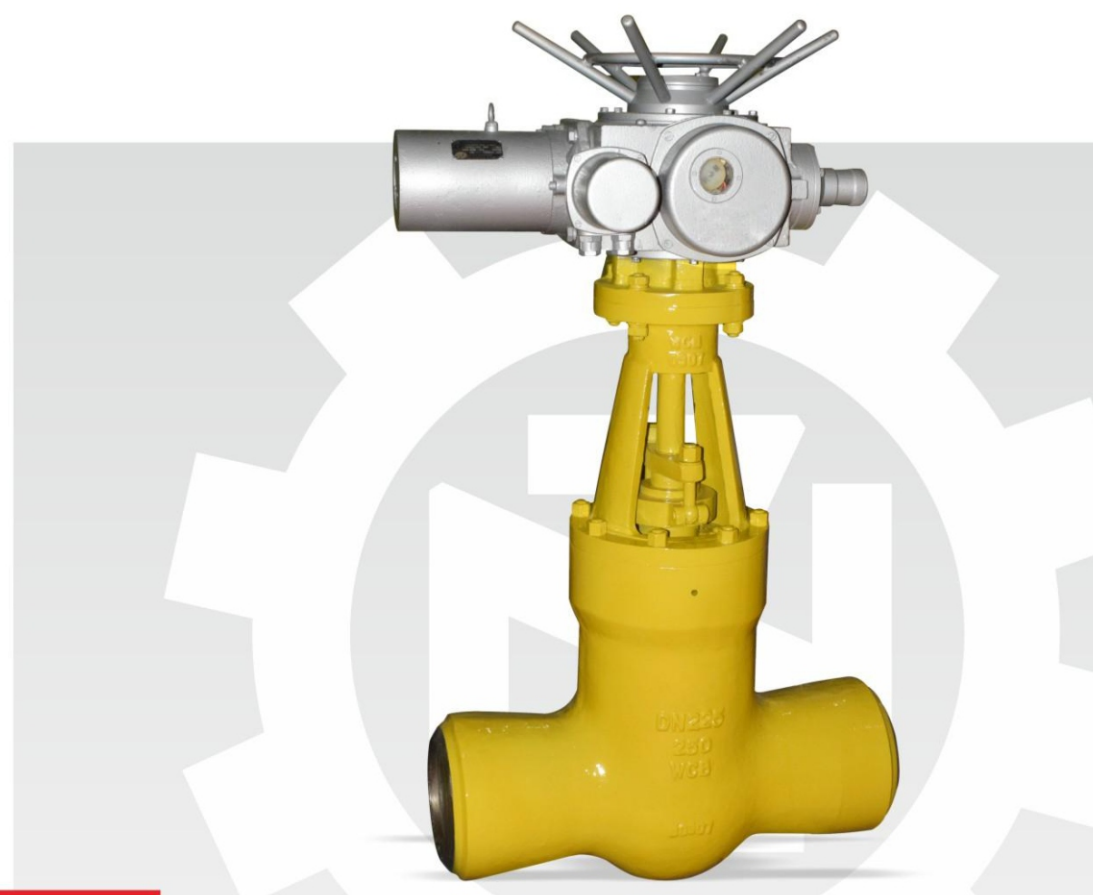
POWER STATION VALVE SERIES 电站阀系列

产品材质 Product material: WCB, A105, LCB, LF2, WC6, F11, WC9, F22, QT450, ZG1Cr5Mo, F5, ZG20CrMoV, ZG15Cr1Mo1V, 12Cr1MoV, C12A, F91, F92, CF8, F304, CF8M, F316, CF3, F304L, CF3M, F316L, CF8C, F347, F304H, F316H, F321H, 4A, F51, 5A, F53, Inconel, Monel, 铜合金(Copper alloy), 钛合金(Titanium alloy), 哈氏合金(Hastelloy alloy), 镍合金(Nickel alloy)等

制造标准 Manufacturer's standard: GB, DIN, API, ANSI, JIS, BS等
公称通径 Nominal Diameter: 10mm~4000mm及1/2"~160"
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工作温度 Operation temperature: -196°C~816°C

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Applicable working conditions: petroleum, chemical, natural gas, power plants, nuclear power, military, municipal, metallurgical, construction, pharmaceutical, papermaking, coal mining, cement, pollution discharge, environmental protection, new energy and other industries



电站闸阀
Power station gate valve

“正”为人正直，做事做生意要正派
“南”在分为上，即清晨面对太阳



伞齿轮截止阀
Bevel gear globe valve



电动对焊截止阀
Electric welding globe valve



手动闸阀
Manual gate valve

对焊闸阀
Butt welding gate valve



电站法兰闸阀
Power station flange gate valve



电动闸阀
Electric gate valve



电站闸阀
Power station gate valve



电站闸阀
Power station gate valve



电站截止阀
Power plant globe valve



空排止回阀
Air discharge check valve



法兰止回阀
Flange check valve

FLUORINE LINING RUBBER SERIES 衬氟衬胶系列

产品材质 Product material: WCB, A105, LCB, LF2, WC6, F11, WC9, F22, QT450, ZG1Cr5Mo, F5, ZG20CrMoV, ZG15Cr1Mo1V, 12Cr1MoV, C12A, F91, F92, CF8, F304, CF8M, F316, CF3, F304L, CF3M, F316L, CF8C, F347, F304H, F316H, F321H, 4A, F51, 5A, F53, Inconel, Monel, 铜合金(Copper alloy), 钛合金(Titanium alloy), 哈氏合金(Hastelloy alloy), 镍合金(Nickel alloy)等

制造标准 Manufacturer's standard: GB, DIN, API, ANSI, JIS, BS等

公称通径 Nominal Diameter: 10mm~4000mm及1/2"~160"

工作压力 Working pressure: 0.25MPa~76.0MPa/150Lb~4500Lb/10K~320K

工作温度 Operation temperature: -196°C~816°C

适用工况: 石油、化工、天然气、电站、核电、军工、市政、冶金、建筑、制药、造纸、煤矿、水泥、排污、环保、新能源等行业

Applicable working conditions: petroleum, chemical, natural gas, power plants, nuclear power, military, municipal, metallurgical, construction, pharmaceutical, papermaking, coal mining, cement, pollution discharge, environmental protection, new energy and other industries



衬氟法兰球阀
Fluorine lined flange ball valve

“正”为人正直，做事做生意要正派
“南”在分为上，即清晨面对太阳



衬氟气动球阀
Fluorine lined pneumatic ball valve



衬氟手动法兰蝶阀
Fluorine lined manual flange butterfly valve



衬氟法兰闸阀
Fluorine lined flange gate valve



衬氟法兰截止阀
Fluorine lined flange globe valve



衬氟止回阀
Fluorine lined check valve



衬氟立式止回阀
Fluorine lined vertical check valve



正南阀门有限公司
ZHENGAN VALVE CO., LTD

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高新技术企业



特种设备制造许可



CE证书



发明专利



ISO9001:2008标准



ISO9001:2008标准



OHSAS18001:2007标准

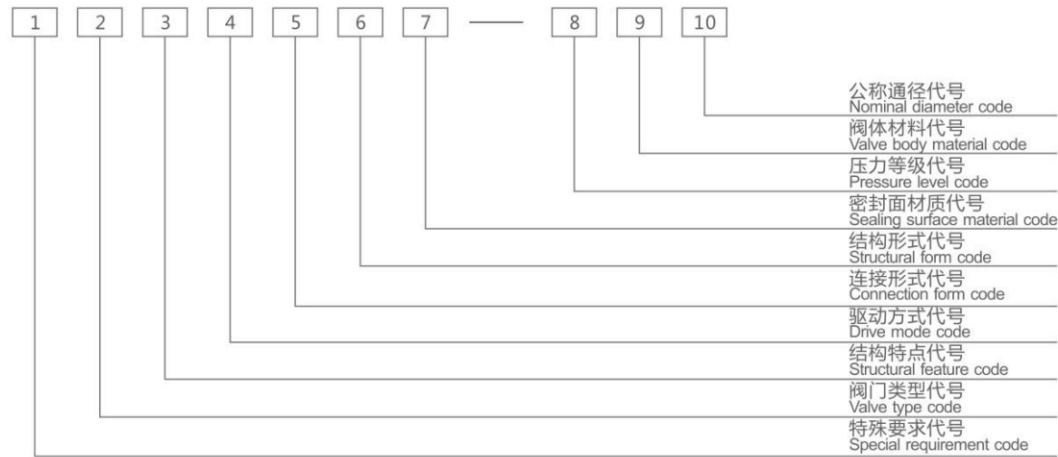


中国阀门协会会员

阀门选型指南

Valve selection guide

编制说明 Preparation instructions



1、特殊要求代号 Special code

代号 Code	含义 Meaning	代号 Code	含义 Meaning	代号 Code	含义 Meaning
K	抗硫型 Sulfur resistant type	L	加长杆型 Extended rod type	P	排渣型 Slagging type
D	低温型 Low temperature type	B	保温型 Insulation type	LX	两相流型 Two-phase flow pattern
W	波纹管型 Bellows type	C	带吹扫型 With purging type	NM	耐磨型 Wear-resistant type
F	防火型 Fireproof type	Ds	水封型 Water sealed type	HH	缓闭式 Slow closing type

注：①抗硫型阀门如无指定内件材料，将按照我公司标准进行内件材料选型；
②低温型阀门需注明最小温度，以便我公司采取适宜的工艺措施；
③加长杆型阀门需执行阀门的加长杆高度。
④带吹扫型需注明是带一个吹扫孔还是两个吹扫孔。一个代号为C1，两个代号为C2。

Note: ①If there is no specified internal material for sulfur resistant valves, the selection of internal material will be based on our company's standards;
②Low temperature valves need to indicate the minimum temperature so that our company can take appropriate process measures
③ Extended stem valves require the height of the valve's extended stem to be executed.
④The type with blowing should indicate whether it is equipped with one blowing hole or two blowing holes. One code is C1, and two codes are C2.

2、阀门类型代号 Valve type code

阀门类别 Valve category	代号 Code	阀门类别 Valve category	代号 Code	阀门类别 Valve category	代号 Code	阀门类别 Valve category	代号 Code
闸阀 Gate valve	Z	一般球阀 General ball valve	Q	节流阀 Throttle valve	L	Y型过滤器 Y-shaped filter	YG
水封闸阀 Water seal gate valve	Zs	轨道球阀 Rail ball valve	Qg	蝶阀 Butterfly valve	D	篮式过滤器 Basket filter	LG
刀型闸阀 Knife gate valve	Zd	一体式球阀 Integrated ball valve	Qy	伸缩蝶阀 Telescopic butterfly valve	SD	取样阀 sampling valve	Y
止回阀 Check valve	H	上装式球阀 Top mounted ball valve	Qs	上展示放料阀 Shown on the discharge valve	Fs	料浆阀 Slurry valve	LJ
轴流式止回阀 Axial flow check valve	ZLH	顶装式球阀 Top mounted ball valve	Qd	下展示放料阀 Lower display of discharge valve	Fx	双向承压面旋转阀 SXQ	
贯流式止回阀 Throughflow check valve	GLH	全焊接球阀 Fully welded ball valve	Qw	柱塞阀 Plunger valve	U	抗生素截止阀 Antibiotic shut-off valve	JK
蝶式止回阀 Butterfly Check Valve	HE	V型球阀 V-shaped ball valve	Qv	旋塞阀 Plug valve	X	氧气截止阀 Oxygen shut-off valve	Jy
球形止回阀 Ball check valve	HQ	截止阀 Globe valve	J	截止止回阀 Stop check valve	JH	氧气截止阀 Oxygen shut-off valve	Jh

3、结构特点代号（适用于管线球阀，其他阀门此代号省略）Structural characteristics code

代号 Code	含义 Meaning	代号 Code	含义 Meaning
W	体、盖焊接结构 Welding structure of body and cover	G	体球形（GWB型）全焊接管线球阀 Spherical (GWB type) fully welded pipeline ball valve



阀门选型指南

Valve selection guide

4、驱动方式代号 Driving mode code

代号 Code	阀门类别 Valve category	代号 Code	阀门类别 Valve category	代号 Code	阀门类别 Valve category	代号 Code	阀门类别 Valve category
3	蜗轮传动 Worm gear transmission	6	气动（无手动） Pneumatic (without manual)	6B	气动 Qi Guan	9	电动 Electric
4	正齿轮传动 Spur gear transmission	6S	气动带手动 Pneumatic with manual operation	7	液动 Hydrodynamic	9B	防爆电动 Anti riot electric
5	伞齿轮传动 Bevel gear transmission	6K	气开 Qikai	8	气-液动 Pneumatic hydraulic	省略	手动 Manual

5、连接形式代号 Connection form code

代号 Code	连接形式 Connection form	代号 Code	连接形式 Connection form	代号 Code	连接形式 Connection form	代号 Code	连接形式 Connection form
RF	凸面法兰 Raised face flange	M	凸面法兰 Raised face flange	T	榫面法兰 Tenon flange	BW	对接焊 Butt welding
FM	凹面法兰 Concave flange	RJ	环连接法兰 Replace the link flange	G	槽面法兰 Grooved flange		
1	内螺纹 Internal thread	8	卡箍连接 Clamp connection	7	对夹连接 Clamp connection		
2	外螺纹 External thread	9	卡套 Ferrule	SW	承插焊 Socket welding		

注：法兰和焊接端代号为本公司代号，如需用国家标准代号，则法兰连接代号为4，焊接端代号为6，订货时需清明为何种形式的法兰和焊接方式。
Note: The flange and welding end codes are our company codes. If a national standard code is required, the flange connection code is 4, and the welding end code is 6. When ordering, it is necessary to indicate the type of flange and welding method.

6、结构形式代号 Structural code

闸阀 Gate valves

结构形式 Structural style		代号 Code
明杆 Rising Stem	模式 Wedge	弹性闸阀 Elastic gate valve
		0
	平行式 Parallel type	单闸板 Single ram
		1
暗杆 Non-rising Stem	模式 Wedge	双闸板 Double ram
		2
	平行式 Parallel type	单闸板 Single ram
		3
	刚性 Rigidity	双闸板 Double ram
		4
	模式 Wedge	单闸板 Single ram
		5
	平行式 Parallel type	双闸板 Double ram
		6
		单闸板 Single ram
		7
		双闸板 Double ram
		8

截止阀、节流阀、料浆阀Globe valve, throttle valve, slurry valve

结构形式 Structural style	代号 Code
直通式 Straight through type	1、2
角式 Angular equation	3、4
Y型 DC type	5
平衡 Balance	直通式 Straight through type
	角式 Angular equation
	6
	7

止回阀 Check valve

结构形式 Structural style	代号 Code
升降 Lifting	直通式 Straight through type
	立式 vertical
	角式 Angular equation
旋启 Swing	单瓣 Unipetal
	多瓣式 Multi petal type
	双瓣式 Double petal type

球阀 Ball valve

结构形式 Structural style	代号 Code
浮动 Float	直通式 Straight through type
	1
	Y型 Y-shaped
	2
固定 Regular	L型 L-shaped
	三通式 Three-way equation
	4
	T型 T-shaped
	直通式 Straight through type
	7
	四通 Cross connection
	6
	L型 L-shaped
	三通式 Three-way equation
	8
	T型 T-shaped
	9

蝶阀 Butterfly valve

结构形式 Structural style	代号 Code	结构形式 Structural style	代号 Code
密封型 Sealed type	中线式 Midline type	1	6
	双偏心 Double eccentricity	2	7
	三偏心 Triple eccentricity	3	8
	连杆机构 Linkage mechanism	4	9
非密封型 Unsealed type	中线式 Midline type	6	
	双偏心 Double eccentricity	7	
	三偏心 Triple eccentricity	8	
	连杆机构 Linkage mechanism	9	

旋塞阀 Cock

结构形式 Structural style	代号 Code
填料 Filler	直通式 Straight through type
	3
	T型三通式 T-shaped three-way
	4
油封 Oil seal	四通式 Four way equation
	5
	直通式 Straight through type
	7
	T型三通式 T-shaped three-way
	8

阀门选型指南

Valve selection guide

减压阀 Pressure reducing valve

结构形式 Structural style	代号 Code
薄膜式 Thin film type	1
弹簧薄膜式 Bunsen membrane type	2
活塞式 Piston type	3
波纹管式 Bellows type	4
杠杆式 Lever type	5

疏水阀 The steam trap

结构形式 Structural style	代号 Code
浮球式 Floating ball type	1
双金属片式 Bimetallic sheet type	7
脉冲式 Pulse type	8
热动力式 Thermodynamic	9

7、密封面材质代号 Sealing surface material code

阀座密封面材料 Valve seat sealing surface material	代号 Code	阀座密封面材料 Valve seat sealing surface material	代号 Code	阀座密封面材料 Valve seat sealing surface material	代号 Code
铁基合金 Iron based alloy	H	蒙乃尔合金 Monel alloy	M	PTFE+碳纤+Cu PTFE+carbon fiber+Cu	FC
聚四氟乙烯 teflon	F	巴氏合金 Babbitt alloy	B	PTFE+碳纤 PTFE+carbon fiber	FS
橡胶 rubber	X	巴氏合金 Babbitt alloy	A	304 three hundred and four	P
内衬橡胶 Rubber lining	J	铜合金 copper alloy	T	316 three hundred and sixteen	R
硬质合金/司太立合金 Hard alloy/Taili alloy	Y	对位聚苯PPL Para Polyphenylene PPL	FP	内衬聚四氟乙烯（全衬） Lined with polytetrafluoroethylene (fully lined)	F4
本体直接加工 Direct processing of the body	W	聚醚醚酮PEEK Polyether ether ketone PEEK	FP	内衬全氟乙炳烯（全衬） Lined with perfluoroethylene (fully lined)	F46
增强聚四氟乙烯 Reinforced polytetrafluoroethylene	FR	钼龙 Molybdenum dragon	FM	体内衬F4/板CF8 Inner lining F4/plate CF8	F4/P
高温聚四氟乙烯 High temperature polytetrafluoroethylene	FG	尼龙NYLON Nylon	N	体内衬F46/板CF8 Inner lining F46/plate CF8	F46/P

8、压力等级代号 Pressure rating code：公称压力以公斤（bar）表示，磅级以实际数

9、阀体材料代号 Valve body material code

阀体材料 Material	代号 Code	阀体材料 Material	代号 Code	阀体材料 Material	代号 Code
A105	C1	1Cr5Mo	I1	304/0Cr18Ni9	P1
WCB	C2	ZGCr5Mo	I2	CF8	P2
LCB	C3	F11	I3	1Cr18Ni9Ti	P3
LF1	C4	C5	I4	304/00Cr18Ni10	PI1
LCC	C5	WC5	I5	CF3	PI2
LF2	C6	WC6	I6	316/00Cr18Ni12Mo2Ti	R1
12CrMoV	V1	15CrMo	I7	CF8M	R2
15CrMoV	V2	TA2	A	316/00Cr17Ni14Mo2Ti	RI1
F22	V3	蒙乃尔合金 Monel alloy	M	CF3M	RI2
WC9	V4	可锻铸铁 Malleable iron	K	球墨铸铁 Nodular cast iron	Q

注：①PN≤1.6MPa的灰铸铁阀门，省略本代号； ②PN≥2.5MPa的碳素钢阀体，省略本代号；
Note: ① For grey cast iron valves with PN ≤ 1.6MPa, this code is omitted; ② For carbon steel valve bodies with PN ≥ 2.5MPa, this code is omitted;

10、公称通径代号 Nominal size code：全通径省略，缩径的阀门在通径后加S。
Nominal diameter code: Omit the full diameter, and add S after the diameter for valves with reduced diameter.



阀门选型指南

Valve selection guide

阀门引用标准 Valve reference standard

阀门类型 Valve type		设计制造 Design and manufacturing	结构长度 Structure length	连接端 Connection end	检验试验 Inspection test	壳体壁厚 Shell wall thickness
闸阀 Gate valve	一般闸阀 General gate valve	国标 National Standard	GB/ 12234	GB/ T 9113 HG 20592 JB/T 79	GB/T 26480 GB/T 13927	GB/T 12224 GB/T 12234
	平板闸阀 Flat gate valve		JB/ 5298 GB/T 23300			
	刀闸阀 Knife gate valve		JB/ T8691			
	闸阀/平板闸阀 Gate valve/flat gate valve	美标 American Standard	API 600 API 602 API 6D	ASME B16.5 ASME B16.47 ASME B16.11 ASME B16.25	API 598 API 6D	ASME B16.34 API600
	刀闸阀 Knife gate valve		MSS SP-81 MSS SP-135			
截止阀 Globe valve		国标 National standard	GB/T 12235	GB/T 9113 HG 20592 JB/T 79	GB/T 26480 GB/T 13927	GB/T 12224 GB/T 12235 GB 26640
		美标 American standard	BS 1873 API 602	ASME B16.5 ASME B16.47 ASME B16.11 ASME B16.25	API 598	BS 1873 ASME B16.34
止回阀 Check valve		国标 National standard	GB/T 12236	GB/T 9113 HG 20592 JB/T 79	GB/T 26480 GB/T 13927	GB/T 12224 GB/T 12236 GB 26640
		美标 American standard	BS 1868 API 594 API 602 API 6D	ASME B16. 5 ASME B16. 47 ASME B16. 11 ASME B16. 25	API 598 API 6D	BS 1868 ASME B16.34
球阀 Ball valve		国标 National standard	GB/T 12237	GB/T 9113 HG 20592 JB/T 79	GB/T 26480 GB/T 13927	GB/T 12224 GB/T 12234 GB 26640
		美标 American standard	API 608 API 6D	ASME B16.5 ASME B16.47 ASME B16.11 ASME B16.25	API 598 API 6D	ASME B16.34
蝶阀 Butterfly valve		国标 National standard	GB/T 12238	GB/T 9113 HG 20592 JB/T 79	GB/T 13927 GB/T 26480	GB/T 12224 GB/T 12234 GB 26640
		美标 American standard	API 609	ASME B16. 5 ASME B16. 47	API 598	ASME B16. 34



阀门选型指南

Valve selection guide

阀门引用标准 Valve reference standard

阀门类型 Valve type		设计制造 Design and manufacturing	结构长度 Structure length	连接端 Connection end	检验试验 Inspection test	壳体壁厚 Shell wall thickness
旋塞阀 Plug	国标 National Standard	GB/T 22130	GB/T 12221	GB/T 9113 HG 20592 JB/T 79	GB/T 26480 GB/T 13927	GB 26640 GB/T 12224
	美标 American Standard	API 599 API 6D	ASME B16.10	ASME B16.5 ASME B16.47 ASME B16.11 ASME B16.25	API 598 API 6D	ASME B16.34
疏水阀 Drain valve		GB/T 22654	GB/T 12250	GB/T 9113 HG 20592 JB/T 79	GB/T 12251	GB 26640 GB/T 12224
隔膜阀 Diaphragm valve		GB/T 12239	GB/T 12221	GB/T 9113 HG 20592 JB/T 79	JB/T 9092	GB 26640 GB/T 12224
减压阀 Pressure relief valve		GB/T 12244 GB/T 12246	JB/T 2250	GB/T 9113 HG 20592 JB/T 79	GB/T 12245	GB 26640 GB/T 12224
电站阀 Power station valve		JB/T 3595	GB/T 12221 ASME B16.10	GB/T 9113 HG 20592 JB/T 79 ASME B16.5 ASME B16.25	JB/T 3595	GB 26640 GB/T 12224 ASME B16.34

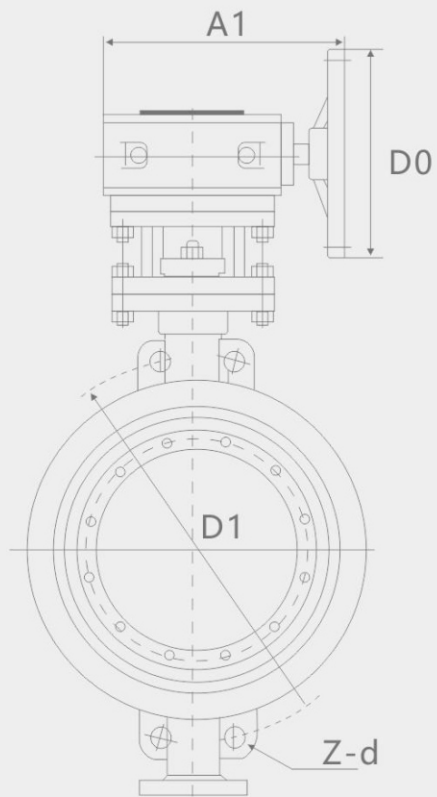
性能规范 performance specification

公称压力 Nominal pressure	PN	Class
	2.5~420	150~2500Lb
壳体（强度）试验 Shell (strength) test	38℃（100F）时材料压力额定值的 1.5倍 1.5 times the material pressure rating at 38° C（100F）	
高压密封试验（水） High pressure sealing test (water)	38℃（100F）时材料压力额定值的 1.1倍 1.1 times the material pressure rating at 38 ° C（100F）	
低压密封试验（气） Low pressure sealing test (gas)	0.4~0.7MPa	
规格 Specifications	15~1000	1/2"~40"
适用温度（℃） Applicable temperature (° C)	-196~550	
适用介质 Applicable medium	水、蒸汽、油品、液化气、天然气、硝酸类、醋酸类 Water, steam, oil products, liquefied gas, natural gas, nitric acid, acetic acid	



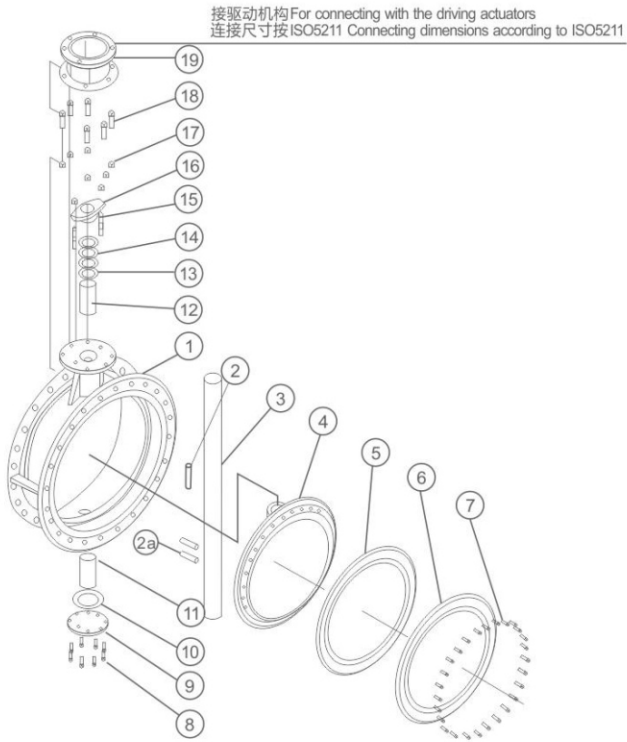
BUTTERFLY VALVE SERIES

蝶阀系列



蝶阀主要零件材质

Material Of Butterfly Valve Main Parts



阀体连接形式有双法兰连接，对夹连接，凸耳对夹连接和对焊连接四种
The form of valve connection is double flange connection, clamp connection, lug to clamp connection and butt welding connection four kinds.

主要零件材质 Main component materials

序号NO.	零件名称 Part Name	可选材料 Optional materials
1	阀体 Body	WCB,CF8,CF3,CF3M,CF8M,2205,2507,WCB,LCB,C95800等
2	键 Key	35#,304,316等
2a	销轴 Pin shaft	F6a,F304,F304L,F316,F316L,F51,F53 Monel K400/500,17-4PH等
3	阀杆 Stem	F6a,F304,F304L,F316,F316L,F51,F53 Monel K400/500,17-4PH等
4	蝶板 Disc	WCB,CF8,CF3,CF3M,CF8M,2205,2507,WCB,LCB,C95800等
5	密封圈 Seal ring	SS304+Graphite,SS304+STL,SS316+Graphite,SS316L+ Graphite,SS316L+STL, S31803+Graphite,S31803+STL PTFE,RPTFE,PPL,EPDM,NBR等
6	压板圈 Clamping ring	A105,F304,F304L,F316,F316L,F51,F53,C95800等
7	螺钉 Screw	B7,B8,B7M等
8	螺栓 Bolt	B7,B8,B7M等
9	底盖 Bottom cover	Q235,F304,F304L,F316,F316L,F51,F53,C95800等
10	垫片 Shim	SS304+Graphite,SS316+Graphite,PTFE等
11/12	轴套 Bushing	SF-1,SF-1B,SS304,SS316,SS304+PTFE,SS316+PTFE等
13	填料垫 Packing pad	F304,F316,F304L,F316L等
14	填料 Filler	Graphite,PTFE,PPL等
15	螺栓 Bolt	B7,B8,B7M等
16	填料压盖 Packing gland	WCB,CF8,CF3,CF3M,CF8M,2205,2507,WCB,LCB,C95800等
17	螺母 Nut	B7,B8,B7M等
18	螺栓 Bolt	2H,8,2HM等
19	支架 Bracket	WCB,CF8,CF8M,Q235等



国标蝶阀性能、用途、特点

GB Butterfly Valve's Performance, Use, and Characteristics

用途及特点 Purpose and characteristics

硬密封蝶阀系列产品，是我公司新开发的长寿命、节能型蝶阀。产品符合国家标准JB/T8527-2015(金属密封蝶阀)和GB/T13927-2008(通用阀门压力试验)标准及阀门其它相关标准的规定。

本产品由阀体、蝶板、密封圈、传动机构等主要部件组成。其结构采用二维或三维偏心原理设计，硬软多层次密封兼容的加工新工艺，使蝶阀在运行工作时，减少其扭矩力，达到省力、节能之功能。从而确保蝶阀整体的抗腐蚀、耐高温蚀高、抗磨损的可能性。其主要性能特点是:

- 1、结构独特、型小轻便、操作灵活、省力、方便；
- 2、密封可靠，可满足各级标准；
- 3、流量特性好，且具有调节功能；
- 4、采用偏心原理，使密封面近似零磨损，延长了阀门使用寿命；
- 5、应用范围广，可用于水、蒸汽、油品、空气、煤气等介质；
- 6、适用不同温度及15.0MPa以下的压力等级、耐腐蚀等各种工况之管线。

The hard sealed butterfly valve series products are our company's newly developed long-life and energy-saving butterfly valves. The product complies with the national standards JB/T8527-2015 (Metal Sealed Butterfly Valves) and GB/T13927-2008 (General Purpose Valve Pressure Testing), as well as other relevant valve standards.

This product consists of main components such as valve body, butterfly plate, sealing ring, and transmission mechanism. Its structure adopts a two-dimensional or three-dimensional eccentric principle design, and a new processing technology that is compatible with hard and soft multi-level sealing, which reduces the torque force of the butterfly valve during operation and achieves the function of labor-saving and energy-saving. So as to ensure the overall corrosion resistance, high temperature corrosion resistance, and the possibility of wear and tear resistance of the butterfly valve. Its main performance characteristics are:

- 1. Unique structure, small and lightweight, flexible operation, labor-saving, and convenient;
- 2. Reliable sealing, able to meet various standards;
- 3. Good flow characteristics and adjustable function;
- 4. By adopting the principle of eccentricity, the sealing surface is approximately zero wear, which extends the service life of the valve;
- 5. Widely applicable, it can be used in media such as water, steam, oil, air, gas, etc;
- 6. Suitable for pipelines with different temperatures and pressure levels below 15.0MPa, as well as various working conditions such as corrosion resistance.

用途Purpose

本蝶阀适用于食品，医药，石油化工、电厂、钢厂、工业环保水处理及高层建筑、给排水管道上作调节流量和截断流体最佳装置。

This butterfly valve is suitable for food, medicine, petrochemicals, power plants, steel mills, industrial environmental water treatment, high-rise buildings, and water supply and drainage pipelines as the best device for regulating flow and cutting off fluids.

主要性能参数及采用标准 Main Performance Parameters And Standard

设计标准Design standards		JB/T8527-2015						
法兰连接尺寸 Flange Connection Dimension		GB/T9113-1010						
结构长度 Face to Face Length		GB/T12221-2005						
压力试验 Pressure Test		GB/T13927-2008 JB/9092-99						
公称通径 Nominal Diameter		50~2000						
公称压力 Nominal Pressure		1.0	1.6	2.5	4.0	6.3	10.0	15.0
试验压力 Test pressure	强度试验 Shell Test	1.5	2.4	3.75	6.0	9.5	14.4	20.9
	密封试验 Sealing Test	1.1	1.76	2.75	4.4	7.0	10.6	15.3
	气密封试验 Air Sealing Test	0.5~0.7MPa						
适用介质Applicable Media		水、油品、蒸汽、煤气、酸、碱等 Water Oil Steam Gas. Acid Alkali Etc						
适用温度 Temperature		-100℃-800℃						



D343H/F/Y/W法兰式多层次金属硬密封蝶阀

D343H/F/Y/W Flange Type Multi-level Metal Hard Seal Butterfly Valve

主要技术参数 Main Technology Parameter

公称通径 Nominal Diameter	公称压力 Nominal Pressure	试验压力(MPa) Test Pressure			渗漏率 Leakage Rate	适用温度 Applicable Temperature	适用介质 Applicable Medium	驱动形式 Operation
DN(mm)	PN(MPa)	强度试验 Strength Test	密封试验 Seal Test	气密封试验 Air Sealing Test				
50~2000	0.6	0.9	0.66	0.6	< 0.1×DNmm³/s (符合GB/T13927-2008标准 According to Standard GB/T13927-2008	碳钢 Carbon steel: -29℃ ~ 425℃ 不锈钢 Stainless Steel: -100℃~800℃	空气、水、蒸汽、煤气、油品以及酸、碱、盐带有弱腐蚀性介质等 Air,Water,Steam Coal Gas,Oil and Acid Alkali Salt Corrosive Medium and so on.	蜗杆蜗轮传动、气传动、电转动、液动传动 Lever Operator, Worm Gear Operator, Pneumatic Operator, Electric Operator, Hydraulic transmission
	1.0	1.5	1.1	0.6				
	1.6	2.4	1.76	0.6				
	2.5	3.75	2.75	0.6				
500~600	4.0	6.0	4.4	0.6				
	6.3	9.5	7.0	0.6				
	10.0	14.4	10.6	0.6				
50~400	15.0	20.9	15.3	0.6				

主要零件材质 Main component materials

零件名称 Part Name	材料 Material
阀体 Body	WCB,CF8,CF3,CF3M,CF8M,2205,2507,WC6,LCB,C95800等
蝶板 Disc	WCB,CF8,CF3,CF3M,CF8M,2205,2507,WC6,LCB,C95800等
密封圈 Sealing Ring	SS304+Graphite,SS304+STL,SS316+Graphite,SS316L+ Graphite,SS316L+STL, S31803+Graphite,S31803+STL PTFE,RPTFE,PPL,EPDM,NBR等
阀杆 Stem	F6a,F304,F304L,F316,F316L,F51,F53 Monel K400/500,17-4PH等
轴套 Bushing	SF-1,SF-1B,SS304,SS316,SS304+PTFE,SS316+PTFE等
填料 Packing	Graphite,PTFE,PPL等

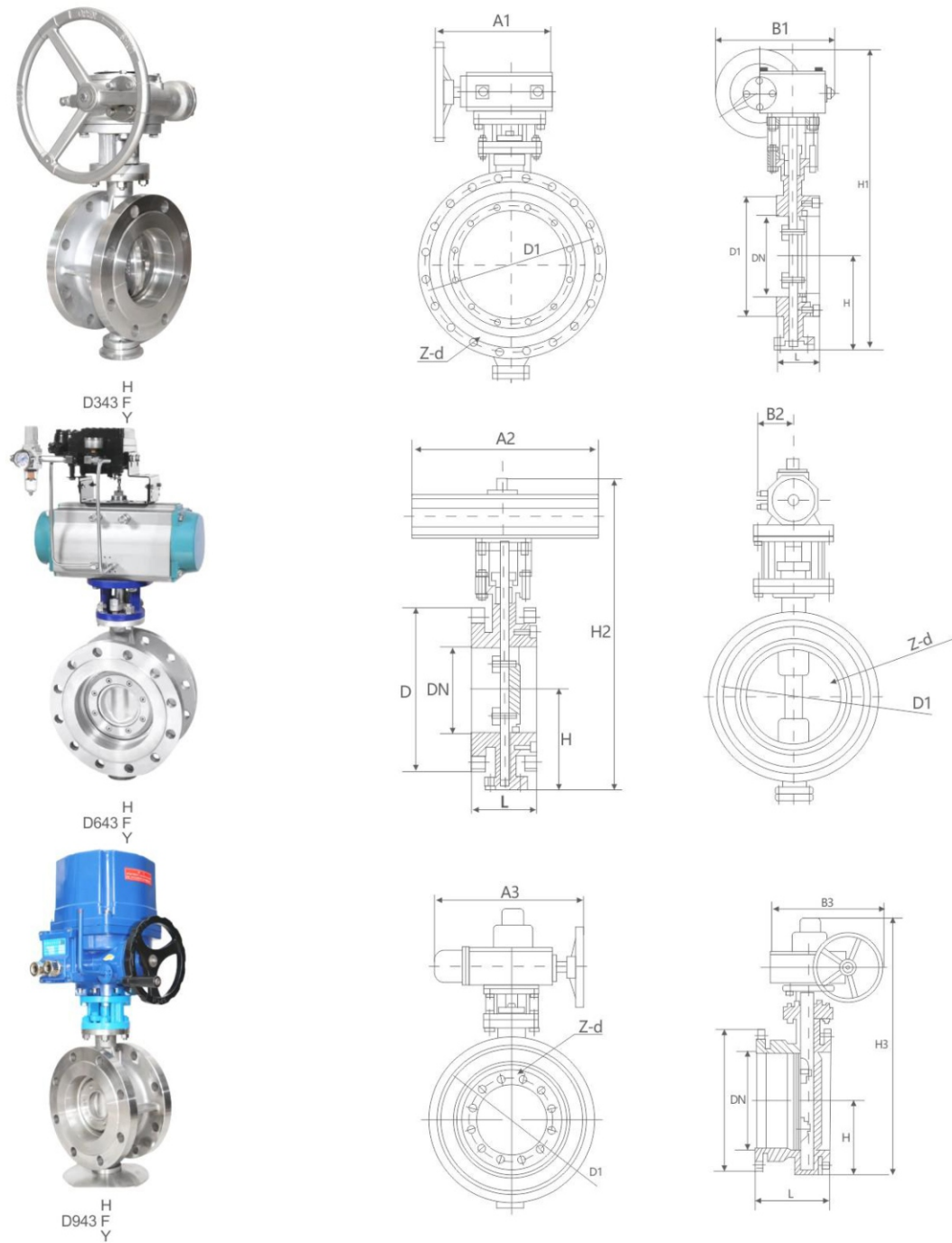


D343H/F/Y/W法兰式多层次金属硬密封蝶阀

D343H/F/Y/W Flange Type Multi-level Metal Hard Seal Butterfly Valve

蝶阀系列

BUTTERFLY VALVE SERIES



D343H/F/Y/W法兰式多层次金属硬密封蝶阀

D343H/F/Y/W Flange Type Multi-level Metal Hard Seal Butterfly Valve

蝶阀系列

BUTTERFLY VALVE SERIES

主要外形连接尺寸 Main External Connection Size (PN0.6/1.0/1.6MPa)

DN	结构长度L Structure length L	法兰尺寸 (参考值) Flange size (reference value)												外形尺寸 (参考值) Dimensions (reference value)			
		H	PN0.6Mpa				PN1.0Mpa				PN1.6Mpa				D343H		
	D		D1	D2	Z-d	D	D1	D2	Z-d	D	D1	D2	Z-d	H1	A1	B1	
40	106	107	130	100	80	4-14	150/145	110	85	4-18	150/145	110	84	4-18	330	180	200
50	108	112	140	110	90	4-14	165/160	125	100	4-18	165/160	125	99	4-18	350	180	200
65	112	115	160	130	110	4-14	185/180	145	120	4-18	185/180	145	118	4-18	370	180	200
80	114	120	190/185	150	125	4-18	200/195	160	135	8-18	200/195	160	132	8-18	380	180	200
100	127	138	210/205	170	145	4-18	220/215	180	155	8-18	220/215	180	156	8-18	420	180	200
125	140	164	240/235	200	175	8-18	250/245	210	185	8-18	250/245	210	184	8-18	460	180	200
150	140	175	265/260	225	200	8-18	285/280	240	210	8-22	285/280	240	211	8-23	555	270	280
200	152	200	320/315	280	255	8-18	340/335	295	265	8-22	340/335	295	266	12-23	760	400	425
250	165	243	375/370	335	310	12-18	395/390	350	320	12-22	405	355	319	12-26	830	400	425
300	178	250	440/435	395	362	12-22	445/440	400	368	12-22	460	410	370	12-26	895	450	560
350	190	280	490/485	445	412	12-22	505/500	460	428	16-22	520	470	429	16-26	950	450	560
400	216	305	540/535	495	462	16-22	565	515	482	16-26	580	525	480	16-30	1190	535	580
450	222	350	595/590	550	518	16-22	615	565	532	20-26	640	585	530	20-30	1255	535	580
500	229	380	645/640	600	568	20-22	670	620	585	20-26	715/705	650	582	20-34	1305	535	580
600	267	445	755	705	670	20-26	780	725	685	20-30	840	770	682	20-41	1340	570	660
700	292	458	860	810	775	24-26	895	840	800	24-30	910	840	794	24-41	1520	750	550
800	318	530	975	920	880	24-30	1015/1010	950	805	24-33	1025/1020	950	901	24-41	1710	750	550
900	330	580	1075	1020	980	24-30	1115/1110	1050	1005	28-33	1125/1120	1050	1001	28-41	1810	750	550
1000	410	650	1175	1120	1080	28-30	1230/1220	1160	1110	28-36	1255	1170	1112	28-48	1960	900	750
1200	470	765	1405/1400	1340	1290	32-34	1455/1450	1380	1330	32-41	1485	1390	1328	32-54	-	-	-
1400	530	890	1630/1620	1560	1510	36-36	1675	1590	1530	36-48	1685	1590	1530	36-54	-	-	-
1600	600	1010	1830/1820	1760	1710	40-36	1915	1820	1750	40-54	1930	1820	1750	40-58	-	-	-
1800	670	1200	2045	1970	1920	44-42	2115	2020	1950	44-54	2130	2020	1950	44-58	-	-	-
2000	760	1330	2265	2180	2125	48-48	2325	2230	2150	48-54	2345	2230	2150	48-60	-	-	-



D343H/F/Y/W法兰式多层次金属硬密封蝶阀

D343H/F/Y/W Flange Type Multi-level Metal Hard Seal Butterfly Valve

主要外形连接尺寸 Main External Connection Size

(PN2.5/4.0MPa)

DN	结构长度L Structure length L	法兰尺寸 (参考值) Flange size (reference value)					结构长度L Structure length L	法兰尺寸 (参考值) Flange size (reference value)				外形尺寸 (参考值) Dimensions (reference value)		
		H	PN2.5Mpa					PN4.0Mpa				D343H		
	毫米 mm		短 short		D	D1	D2	Z-d	长 long	D	D1	D2	Z-d	H1
40	108	86	150/145	110	85	4-18	140	150	110	84	4-18	248	180	200
50	108	88	165/160	125	100	4-18	150	165	125	99	4-18	350	180	200
65	112	103	185/180	145	120	8-18	170	185	145	118	8-18	370	180	200
80	114	114	200/195	160	135	8-18	180	200	160	132	8-18	380	180	200
100	127	135	235/230	190	160	8-22	190	235	190	156	8-22	420	180	200
125	140	160	270	220	188	8-26	200	270	220	184	8-26	460	180	200
150	140	180	300	225	218	8-26	210	300	250	211	8-26	555	270	280
200	152	202	360	310	278	12-26	230	375	320	284	12-30	760	400	425
250	165	255	425	370	332	12-30	250	450	385	345	12-33	830	400	425
300	178	278	485	430	390	16-30	270	515	450	409	16-33	895	450	560
350	190	295	555/550	490	448	16-34	290	580	510	465	16-36	950	450	560
400	216	345	620/610	550	505	16-36	310	660	585	535	16-39	1190	535	580
450	222	395	670/660	600	555	20-36	330	685	610	560	20-39	1255	535	580
500	229	435	730	660	610	20-36	350	755	670	615	20-42	1305	535	580
600	267	480	845/840	770	718	20-41	390	890	795	735	20-48	1340	570	660
700	292	515	960/955	875	815	24-42	430	995	900	835	24-48	1520	750	550
800	318	610	1085/1070	990	930	24-48	470	1140	1030	960	24-56	1710	750	550
900	330	650	1185/1180	1090	1025	28-48	510	-	-	-	-	-	-	-
1000	410	715	1320/1305	1210	1140	28-56	550	-	-	-	-	-	-	-
1200	470	890	1530/1525	1420	1350	32-58	630	-	-	-	-	-	-	-
1400	530	1010	1755/1750	1640	1560	36-60	710	-	-	-	-	-	-	-



D373H/F/Y/W对夹式多层次金属硬密封蝶阀

D373H/F/Y/W wafer type multi-level Metal hard seal butterfly valve

主要技术参数 Main Technology Parameter

公称通径 Nominal Diameter	公称压力 Nominal Pressure	试验压力(MPa) Test Pressure			渗漏率 Leakage Rate	适用温度 Applicable Temperature	适用介质 Applicable Medium	驱动形式 Operation
DN(mm)	PN(MPa)	强度试验 Strength Test	密封试验 Seal Test	气密封试验 Air Sealing Test				
50~2000	0.6	0.9	0.66	0.6	< 0.1×DNmm³/s (符合GB/T13927-2008标准 According to Standard GB/T13927-2008	碳钢 Carbon steel: -29°C ~ 425°C 不锈钢 Stainless Steel: -100°C ~ 800°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 Coal Gas, Oil and Acid Alkali Salt Corrosive Medium and so on.	蜗杆蜗轮传动、气传动、电传动、液动传动 Lever Operator, Worm Gear Operator, Pneumatic Operator, Electric Operator, Hydraulic transmission
	1.0	1.5	1.1	0.6				
	1.6	2.4	1.76	0.6				
	2.5	3.75	2.75	0.6				
	4.0	6.0	4.4	0.6				
500~600	4.0	6.0	4.4	0.6				
50~400	6.3	9.5	7.0	0.6				
	10.0	14.4	10.6	0.6				
	15.0	20.9	15.3	0.6				

主要零件材质 Main component materials

零件名称 Part Name	材料 Material
阀体 Body	WCB,CF8,CF3,CF3M,CF8M,2205,2507,WC6,LCB,C95800等
蝶板 Disc	WCB,CF8,CF3,CF3M,CF8M,2205,2507,WC6,LCB,C95800等
密封圈 Sealing Ring	SS304+Graphite,SS304+STL,SS316+Graphite,SS316L+ Graphite,SS316L+STL, S31803+Graphite,S31803+STL PTFE,RPTFE,PPL,EPDM,NBR等
阀杆 Stem	F6a,F304,F304L,F316,F316L,F51,F53 Monel K400/500,17-4PH等
轴套 Bushing	SF-1,SF-1B,SS304,SS316,SS304+PTFE,SS316+PTFE等
填料 Packing	Graphite,PTFE,PPL等

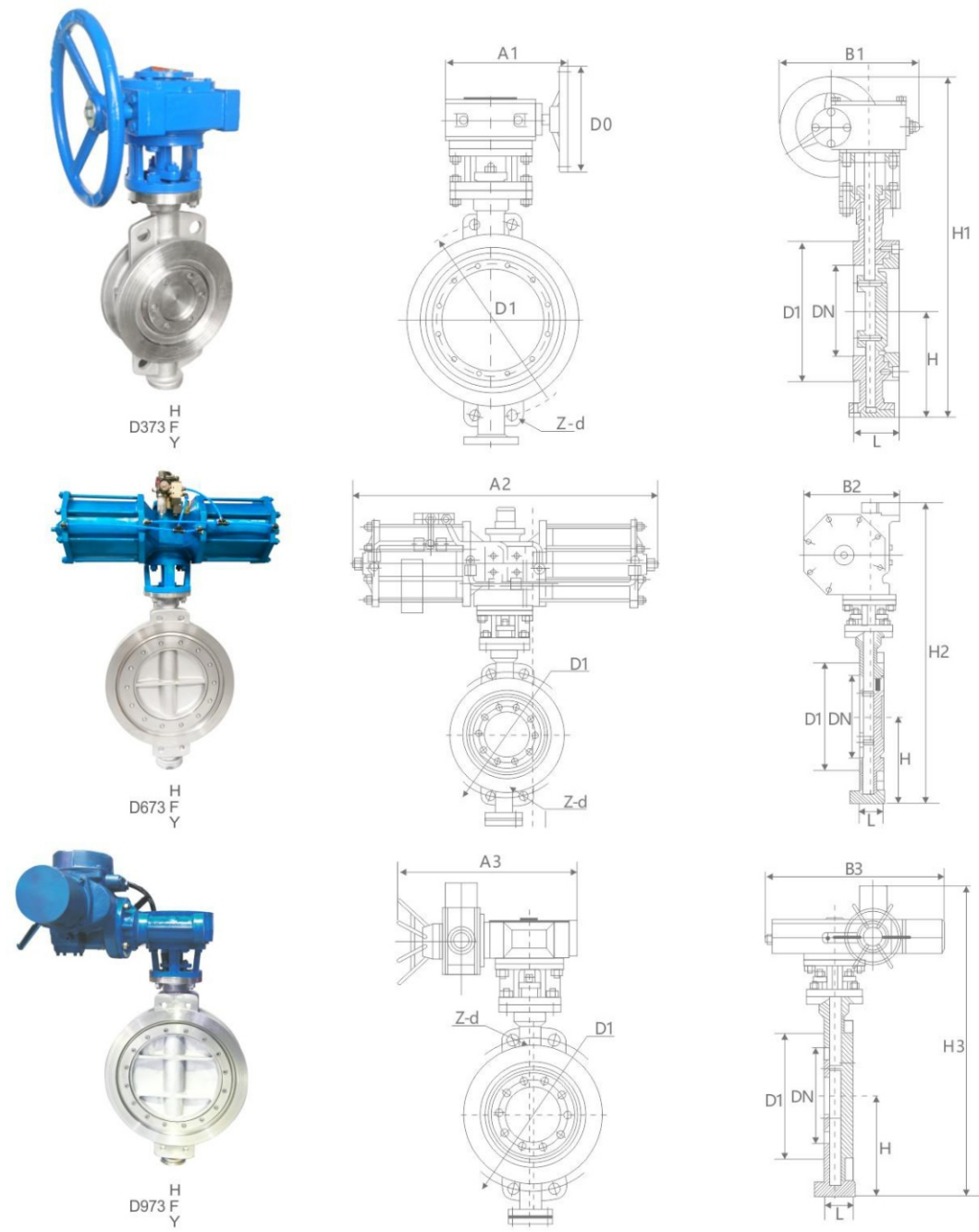


D373H/F/Y/W对夹式多层次金属硬密封蝶阀

D373H/F/Y/W wafer type multi-level Metal hard seal butterfly valve

蝶阀系列

BUTTERFLY VALVE SERIES



D373H/F/Y/W对夹式多层次金属硬密封蝶阀

D373H/F/Y/W wafer type multi-level Metal hard seal butterfly valve

蝶阀系列

BUTTERFLY VALVE SERIES

主要外形连接尺寸 Main External Connection Size

DN	结构长度L Structure length L	法兰尺寸 (参考值) Flange size (reference value)							外形尺寸 (参考值) Dimensions (reference value)		
		H	PN0.6Mpa			PN1.0Mpa			D373H		
	毫米 mm		D1	D2	Z-d	D1	D2	Z-d	H1	A1	B1
40	33	107	100	78	4-14	110	84	4-18	330	180	200
50	43	112	110	88	4-14	125	99	4-18	350	180	200
65	46	115	130	108	4-14	145	118	4-18	370	180	200
80	49	125	150	124	4-18	160	132	8-18	380	180	200
100	56	138	170	144	4-18	180	156	8-18	420	180	200
125	64	164	200	174	8-18	210	184	8-18	460	180	200
150	70	175	225	199	8-18	240	211	8-22	555	270	280
200	71	215	280	254	8-18	295	266	8-22	780	400	425
250	76	243	335	309	12-18	350	319	12-22	840	400	425
300	83	285	395	363	12-22	400	370	12-22	995	450	560
350	92	320	445	413	12-22	460	429	16-22	1050	450	560
400	102	350	495	463	16-22	515	480	16-26	1220	535	580
450	114	350	550	518	16-22	565	530	20-26	1280	535	580
500	127	380	600	568	20-22	620	582	20-26	1365	535	580
600	154	435	705	667	20-26	725	682	20-30	1460	570	660
700	165	480	810	772	24-26	840	794	24-30	1520	750	550
800	190	530	920	878	24-30	950	901	24-33	1710	750	550
900	203	595	1020	978	24-30	1050	1001	28-33	1810	750	550
1000	216	650	1120	1078	28-30	1160	1112	28-36	1900	900	750
1200	254	810	1340	1295	32-33	1380	1328	32-39	-	-	-
1400	279	940	1560	1510	36-36	1590	1530	36-42	-	-	-
1600	318	1050	1760	1710	40-36	1820	1750	40-48	-	-	-



D373H/F/Y/W对夹式多层次金属硬密封蝶阀

D373H/F/Y/W wafer type multi-level Metal hard seal butterfly valve

主要外形连接尺寸 Main External Connection Size (PN1.6/2.5/4.0MPa)

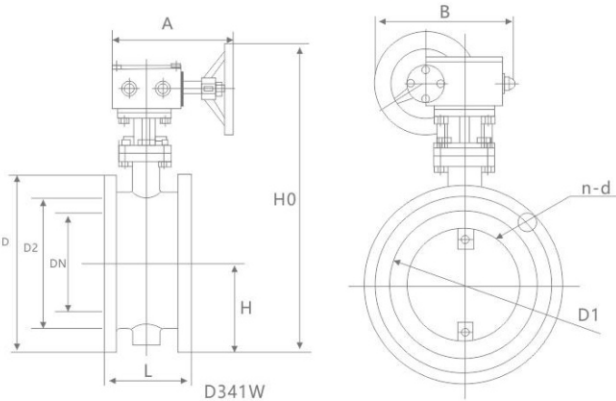
DN	结构 长度L Structure length L	法兰尺寸（参考值） Flange size (reference value)							结构 长度L Structure length L	外形尺寸（参考值） Dimensions (reference value)					
		H	PN1.6Mpa			PN2.5Mpa				PN4.0Mpa			D373H		
	毫米 mm		短 short		D1	D2	Z-d	D1	D2	Z-d	长 long	D1	D2	Z-d	H1
40	33	107	110	84	4-18	110	84	4-18	33	110	85	4-18	330	180	200
50	43	112	125	99	4-18	125	99	4-18	43	125	100	4-18	350	180	200
65	46	115	145	118	4-18	145	118	8-18	46	145	120	8-18	370	180	200
80	49	125	160	132	8-18	160	132	8-18	64	160	135	8-18	380	180	200
100	56	138	180	156	8-18	190	156	8-22	64	190	160	8-22	420	180	200
125	64	164	210	184	8-18	220	184	8-26	70	220	188	8-26	460	180	200
150	70	175	240	211	8-22	250	211	8-26	76	250	218	8-26	555	270	280
200	71	215	295	266	12-22	310	274	12-26	89	320	282	12-30	780	400	425
250	76	243	355	319	12-26	370	330	12-30	114	385	345	12-33	840	400	425
300	83	285	410	370	12-26	430	389	16-30	114	450	408	16-33	995	450	560
350	92	320	470	429	16-26	490	448	16-33	127	510	465	16-36	1050	450	560
400	102	350	525	480	16-30	550	503	16-36	140	585	535	16-39	1220	535	580
450	114	350	585	548	20-30	600	548	20-36	152	610	560	20-39	1280	535	580
500	127	380	650	609	20-33	660	609	20-36	152	670	612	20-42	1365	535	580
600	154	435	770	720	20-36	770	720	20-39	178	795	730	20-48	1460	570	660
700	165	480	840	794	24-36	875	820	24-42	229	900	835	24-48	1520	750	550
800	190	530	950	901	24-39	990	928	24-48	241	1030	960	24-56	1710	750	550
900	203	595	1050	1001	28-39	1090	1028	28-48	-	-	-	-	1810	750	550
1000	216	650	1170	1112	28-42	1210	1140	28-56	-	-	-	-	1900	900	750
1200	254	810	1390	1328	32-48	1420	1350	32-55	-	-	-	-	-	-	-
1400	279	940	1590	1530	36-48	1640	1560	36-60	-	-	-	-	-	-	-
1600	318	1060	1820	1750	40-56	-	-	-	-	-	-	-	-	-	-



D341W法兰式通风蝶阀

D341W flange Type Ventilation Butterfly Valve

3
D641W-1 C
9 2.5
6



应用规范

设计标准: GB/12238-1989 JB/8692-1998
法兰连接: GB/T9115.1-2000
结构长度: GB/T12221-1989
压力试验: GB/T13927-92 JB/9092-1999

Application specifications

Design standard: GB/1238-1989 JB/8692-1998
Flange connection: GB/T9115.1-2000
Structural length: GB/T12221-1989
Pressure test: GB/T13927-92 JB/9092-1999

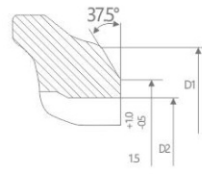
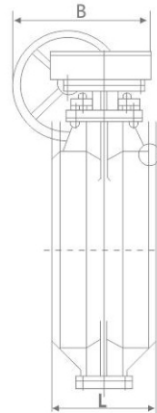
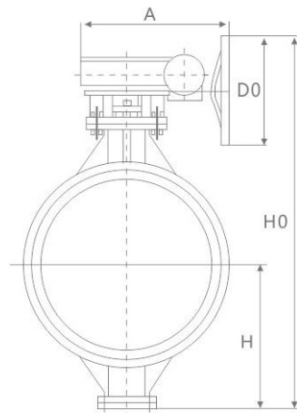
主要外形连接尺寸 Main External Connection Size

DN	L	H	H0	0.05/0.1/0.25MPa					0.6MPa				
				D	D1	D2	b	n-d	D	D1	D2	b	n-d
50	100	70	418	140	110	88	8	4-14	140	110	88	10	4-14
65	100	80	438	160	130	108	8	4-14	160	130	108	10	4-14
80	100	95	466	190	150	124	8	4-18	190	150	124	10	4-18
100	120	105	486	210	170	144	10	4-18	210	170	144	14	4-18
125	120	120	516	240	200	174	10	8-18	240	200	174	16	8-18
150	120	132	541	265	225	199	10	8-18	265	225	199	16	8-18
200	140	160	779	320	280	254	10	8-18	320	280	254	18	8-18
250	140	187	836	375	335	309	12	12-18	375	335	309	20	12-18
300	170	220	901	440	395	363	12	12-22	440	395	363	22	12-22
350	170	245	954	490	445	413	12	12-22	490	445	413	22	12-22
400	190	270	1003	540	495	463	14	16-22	540	495	463	22	16-22
450	190	297	1058	595	550	518	14	16-22	595	550	518	22	16-22
500	190	322	1111	645	600	568	14	20-22	645	600	568	24	20-22
600	210	377	1233	755	705	667	14	20-26	755	705	667	24	20-26
700	210	430	1338	860	810	772	16	24-26	860	810	772	24	24-26
800	210	487	1452	975	920	878	16	24-30	975	920	878	24	24-30
900	250	537	1588	1075	1020	978	16	24-30	1075	1020	978	24	24-30
1000	250	587	1689	1175	1120	1078	16	28-30	1175	1120	1078	24	28-30
1200	250	702	1938	1375	1320	1295	18	32-30	1405	1340	1295	26	32-33
1400	300	782	2670	1575	1520	1510	18	36-30	1630	1560	1510	26	36-36
1600	300	895	2810	1790	1730	1710	20	40-30	1830	1760	1710	26	40-36
1800	300	995	3020	1990	1930	1818	22	44-30	2045	1970	1918	26	44-39
2000	350	1095	3220	2190	2130	2125	22	44-30	2265	2180	2125	26	48-42
2200	350	1200	3430	2405	2340	2295	22	52-33	2475	2390	2335	28	52-42
2400	350	1310	3650	2605	2545	2495	24	56-33	2685	2800	2545	28	56-42
2600	400	1420	3920	2805	2740	2695	24	60-33	2905	2810	2750	28	60-48
2800	400	1530	4140	3030	2960	2910	26	64-36	3115	3020	2960	30	64-48
3000	400	1640	4360	3230	3160	3110	26	68-36	3315	3220	3160	30	68-48



D363H/F/Y/W对焊式金属硬密封蝶阀

D363H/F/Y/W Butt Welding Metal Hard Seal Butterfly Valve



性能规范/用途及特点

本蝶阀适用于高温、高压、防火、保温等管道上作启闭或调节介质之用。

其主要特点如下:

- 1、结构紧凑、体积小、重量轻、操作灵活、使用方便;
- 2、采用三维偏心硬碰硬或多层次硬密封结构,其密封性能可靠达到零泄漏;
- 3、此阀无法兰,对管道的保温包扎带来很方便和美观;
- 4、具有耐高温、高压、耐腐蚀、耐磨损等特点。

主要技术参数

The Main Technical Parameters

公称通径 Nominal Diameter	DN (mm)	50~700				
公称压力 Nominal Pressure	PN (Mpa)	0.6	1.0	1.6	2.5	4.0
试验压力 PS (mpa) Test Pressure	强度试验Shell test	0.9	1.5	2.4	3.75	6.0
	密封试验Seal test	0.66	1.1	1.76	2.75	4.4
	气密封试验Gas seal test	0.6	0.6	0.6	0.6	0.6
适用介质 Appropriate Medium	水、蒸气、油品、酸类腐蚀性等 Corrosive to water, steam, oil, acid, etc.					
适用温度 Appropriate Temperatur	碳钢Carben steel:-29℃~425℃ 不锈钢Stainless steel:-196℃~600℃					

传动型式

蜗轮传动、气动传动、电动传动、液动传动。

采用标准

焊接尺寸GB12224;ANSI B16.25;DIN2559
结构长度GB/T12221-1989;AP1609
压力试验GB/T13927-1992;AP1598



D363H/F/Y/W对焊式金属硬密封蝶阀

D363H/F/Y/W Butt Welding Metal Hard Seal Butterfly Valve

主要零件的材质 Material Of Main Parts

零件名称Parts name	材料Material
阀体Bldy	铸钢、不锈钢、铬钼钢及特殊材料Cast steel, stainless steel, chromium molybdenum steel and special materials
蝶板Disc	铸钢、合金钢(镀硬铬)、不锈钢、铬钼钢及特殊材料Cast steel, Alloy steel,Stainless steel,Cr.Mo.Steel and ad hoc Material
密封圈Seal ring	不锈钢, 抗磨材料Stainless steel, anti-wear material
阀杆Stem	2Cr13、17-4PH、304、316L
填料Packing	柔性石墨Flexible graphite

D363H(W)-16C(P.I.R.V)对焊式金属硬密封蝶阀butt Welding Metal Hard Seal Butterfly Valve
主要外形及连接尺寸main Shape And Connection Size

公称通径 Nominal diameter		标准值standard value 尺寸/mm(1.6MPa)Dimension							
		L	D1	D2	D0	H	H0	A	B
80	3"	180	90	78	157	90	350	194	186
100	4"	190	110	96	157	100	376	194	186
125	5"	200	135	121	205	113	410	268	252
150	6"	210	161	146	205	130	468	268	252
200	8"	230	222	202	235	205	586	306	300
250	10"	250	278	254	235	235	638	306	300
300	12"	270	330	303	296	275	734	416	400
350	14"	290	382	351	296	309	827	416	400
400	16"	310	432	398	296	346	924	416	400
450	18"	330	484	450	400	392	1046	475	420
500	20"	350	535	501	400	427	1138	475	420
600	24"	390	636	602	400	509	1372	475	420
700	28"	430	726	692	440	572	1590	592	565
800	32"	470	826	792	440	638	1722	592	565
900	36"	510	926	892	440	700	2025	592	565
1000	40"	550	1028	992	440	765	2155	592	565
1200	48"	630	1228	1192	500	860	2360	640	626
1400	56"	710	1428	1392	500	986	2636	640	626
1600	64"	790	1628	1592	500	1106	2906	640	626

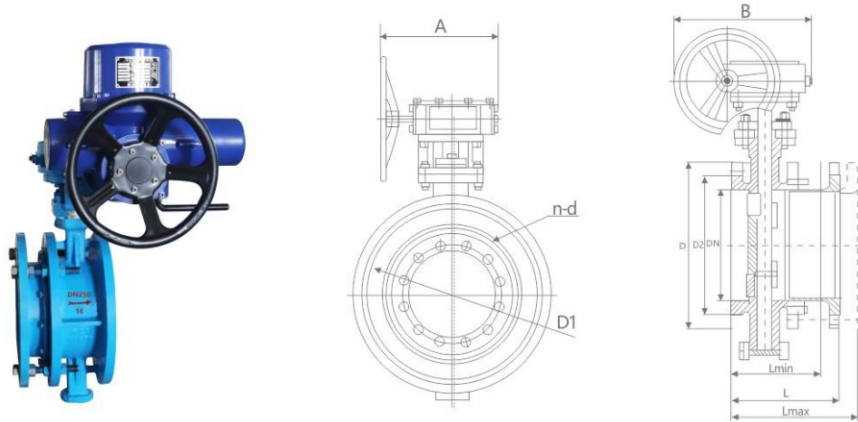
D363H(W)-25C(P.I.R.V)对焊式金属硬密封蝶阀butt Welding Metal Hard Seal Butterfly Valve
主要外形及连接尺寸main Shape And Connection Size

公称通径 Nominal Diameter		标准值standard Value 尺寸/mm(2.5Mpa)dimension							
		L	D1	D2	D0	H	H0	A	B
80	3"	180	90	78	157	90	350	194	186
100	4"	190	110	96	157	103	376	194	186
125	5"	200	135	121	205	113	410	268	252
150	6"	210	161	146	205	130	468	268	252
200	8"	230	222	202	235	205	586	306	300
250	10"	250	278	254	235	235	638	306	300
300	12"	270	330	303	296	275	734	415	400
350	14"	290	382	351	296	309	827	415	400
400	16"	310	432	398	296	346	924	415	400
450	18"	330	484	450	400	392	1046	475	420
500	20"	350	535	501	400	427	1138	475	420
600	24"	390	636	602	400	509	1372	475	420
700	28"	430	726	692	440	575	1590	592	565
800	32"	470	826	792	440	638	1722	592	565
900	36"	510	926	892	440	700	2025	592	565
1000	40"	550	1028	992	440	765	2155	592	565
1200	48"	630	1228	1192	500	860	2360	640	526
1400	56"	710	1428	1392	500	986	2636	640	526

SD343H/F/Y/W伸缩蝶阀

SD343H/F/Y/W Telescopic Butterfly Valve

H 6
SD343F-10系列蜗轮传动法兰式伸缩蝶阀 Worm Gear Drive Flange Type Telescopic Butterfly Valve
X 16



伸缩蝶阀安装使用注意事项

Precautions For Installation And Use Of Telescopic Butterfly Valve

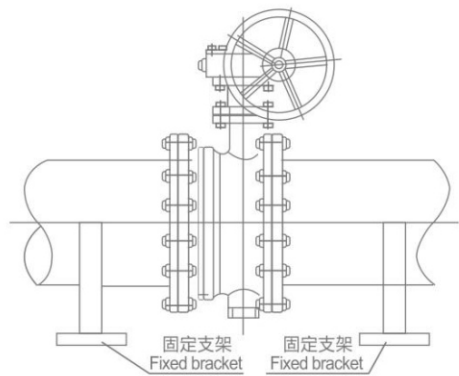
- 1、伸缩蝶阀在安装前必须平放，切勿随意磕碰。
- 2、伸缩蝶阀出厂时结构长度为最小长度，安装时，拉至安装长度(b)即设计长度)。
- 3、当管道间长度超过伸缩阀长度时，请调整管道间隔，切勿强行拉伸伸缩阀，以免损坏伸缩阀。
- 4、伸缩蝶阀可在任意位置安装，做温度补偿用，在管道安装完成后，需沿管道轴线方向两端加支架，防止伸缩阀伸缩管拉出(b)见图1)、支架的承载力按下式计算，运行时严禁将支架卸掉。 $F > \pi/4ps \cdot dn^2$ (kgf)式中:ps管道试验压力，dn管道直径
- 5、伸缩蝶阀不做温度补偿时，只做安装更换、维修阀我1方使用时，可用通螺栓限位对称夹紧伸缩蝶阀以防止伸缩管 拉出(b)见图2)、损坏伸缩蝶阀及管道装置或建筑物。螺栓直径可按照法兰螺栓直径，其螺栓强度和承受试验压力及管道拉力，按上公式进行计算，运行时限位螺栓严禁卸掉(b)螺栓另配)。
- 6、管道施工现场严禁随意拆卸解体伸缩蝶阀。
- 7、本伸缩蝶阀，加工精细，配合严密，请勿在现场随意反复拉长压短伸缩蝶阀。管道安装时，要求伸缩阀两端管道必须同心，管道上的两法“要求平行。
- 8、法兰固定螺栓应对称紧固。请勿单边强行紧固法兰固定螺栓。
- 9、伸缩管安装在阀门后。
- 10、伸缩阀伸缩部分不得安装在管道拐角处或管道末端。

1. The telescopic butterfly valve must be placed flat before installation, and do not bump it at will.
2. The structural length of the telescopic butterfly valve is the minimum length when it leaves the factory. When installed, it is pulled to the installation length (b), which is the design length).
3. When the length between the pipes exceeds the length of the telescopic valve, please adjust the pipe interval and do not force the telescopic valve to avoid damage to the telescopic valve.
4. The telescopic butterfly valve can be installed at any position for temperature compensation. After the installation of the pipeline is completed, brackets should be added along the axis of the pipeline to prevent the telescopic valve telescopic tube from being pulled out (b) see Figure 1), the supporting force of the bracket Calculate according to the following formula, and it is strictly forbidden to remove the bracket during operation. $F > \pi/4ps \cdot dn^2$ (kgf) where: ps pipe test pressure, dn pipe diameter
5. When the telescopic butterfly valve is not used for temperature compensation, it is only for installation, replacement, and maintenance. When the valve is used by us, the telescopic butterfly valve can be clamped symmetrically with a through bolt limit to prevent the telescopic tube from being pulled out (b) see Figure 2) and damage the telescopic butterfly valve And plumbing fixtures or buildings. The bolt diameter can be calculated according to the flange bolt diameter, the bolt strength and the test pressure and the pipe tension, according to the above formula. The limit bolts are strictly prohibited to be removed during operation (b) Bolts are allocated separately).
6. It is strictly forbidden to disassemble the disassembled telescopic butterfly valve at the pipeline construction site.
7. This stretch-and-string butterfly valve is finely processed and closely matched. Please do not repeatedly stretch and shorten the stretch butterfly valve on site. When installing the pipeline, the pipes at both ends of the telescopic valve must be concentric, and the two methods on the pipeline must be parallel.
8. Flange fixing bolts should be tightened symmetrically. Do not forcibly tighten the flange fixing bolts unilaterally.
9. The telescopic tube is installed behind the valve.
10. The expansion part of the expansion valve shall not be installed at the corner of the pipeline or at the end of the pipeline.

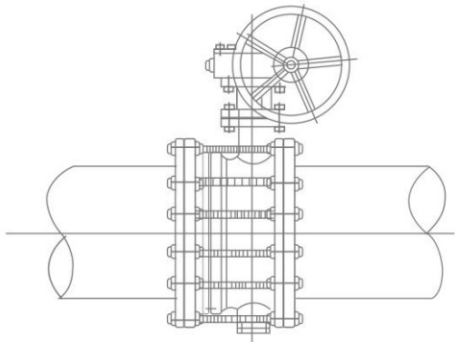


SD343H/F/Y/W伸缩蝶阀

SD343H/F/Y/W Telescopic Butterfly Valve



(图1)(See Fig1)



(图2)(See Fig2)

用途use

该阀门适用于石油、化工、食品、医药、轻纺、造纸、电力、给排水、输气管道上作调节流量和截止介质之用，具有补偿管道热胀冷缩的功能。

特点Features

- 1、设计新颖合理、结构独特、重量轻、操作方便、起笔迅速。
- 2、本伸缩蝶阀既能作调节流量和截止介质之用，又能补偿管道温差所产生的热胀冷缩，并便于拆卸和安装，为一阀多用产品。
- 3、密封部位可调节更换，密封性能可靠。

H 6
SD343F-10系列连接尺寸Connection size
X 16

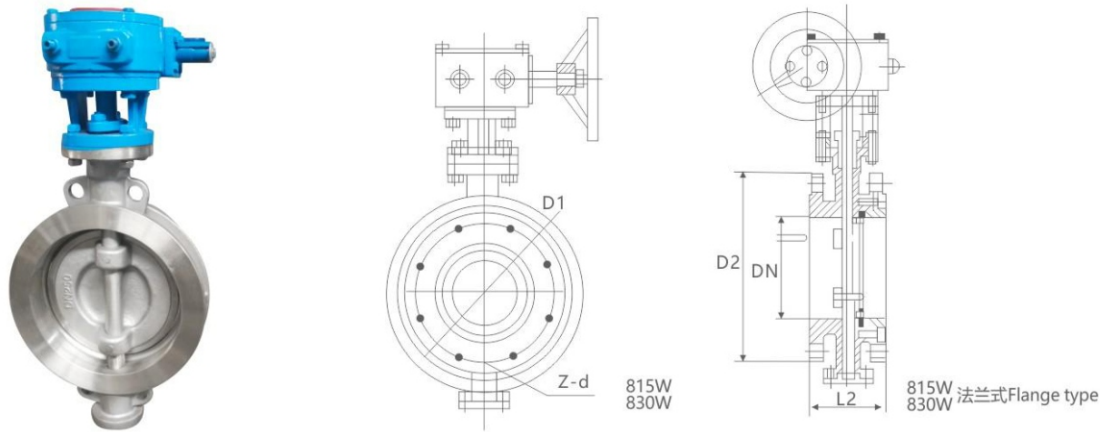
公称 通径 Nominal diamter 毫米 mm	结构长度 (参考值) Structure length (reference value)			法兰尺寸和螺栓孔尺寸 (标准值) Flange size and bolt hole size (standard value)												外形尺寸 (参考值) Dimensions (reference value)			
	最大 长度 LMax	最小 长度 LMin	安装 长度 L Design Length	PN0.6Mpa				PN1.0Mpa				PN1.6Mpa				H	H1	A	B
				D	D1	D2	Z-d	D	D1	D2	Z-d	D	D1	D2	Z-d				
50	186	156	171	140	110	88	4-14	165	125	99	4-18	165	125	99	4-18	80	309	180	200
65	190	160	175	160	130	108	4-14	185	145	118	4-18	185	145	118	4-18	95	337	180	200
80	200	166	182	190	150	124	4-18	200	160	132	8-18	200	160	132	8-18	98	347	180	200
100	228	188	208	210	170	144	4-18	220	180	156	8-18	220	180	156	8-18	114	373	180	200
125	240	200	220	240	200	174	8-18	250	210	184	8-18	250	210	184	8-18	128	405	180	200
150	246	206	226	265	225	199	8-18	285	240	211	8-22	285	240	211	8-22	139	440	270	280
200	265	219	242	320	280	254	8-18	340	295	266	8-22	340	295	266	12-22	174	612	400	425
250	280	230	255	375	335	309	12-18	395	350	319	12-22	405	350	319	12-26	215	693	400	425
300	310	260	285	440	395	363	12-22	445	400	370	12-22	460	400	370	12-26	245	747	450	560
350	310	260	285	490	445	413	12-22	505	460	429	16-22	520	460	429	16-26	270	802	450	560
400	360	300	330	540	495	463	16-22	565	515	480	16-26	580	515	480	16-30	305	991	535	580
450	360	300	330	595	550	518	16-22	615	565	530	20-26	640	565	530	20-30	325	1037	535	580
500	360	300	330	645	600	568	20-22	670	620	582	20-26	715	620	582	20-33	360	1127	535	580
600	420	350	385	755	705	667	20-26	780	725	682	20-30	840	725	682	20-36	445	1377	570	660
700	420	350	385	860	810	772	24-26	895	840	794	24-30	910	840	794	24-36	505	1496	750	550
800	470	400	435	975	920	878	24-30	1015	950	901	24-33	1025	950	901	24-39	560	1584	750	550
900	470	400	435	1075	1020	978	24-30	1115	1050	1001	28-33	1125	1050	1001	28-39	630	1676	750	550
1000	580	500	540	1175	1120	1078	28-30	1230	1160	1112	28-36	1255	1160	1112	28-42	680	1760	900	750
1200	630	550	590	1405	1340	1295	32-33	1455	1380	1328	32-39	1485	1380	1328	32-48	795	2018	1000	925
1400	730	650	690	1630	1560	1510	36-36	1675	1590	1530	36-42	1685	1590	1530	36-48	900	2363	1000	925
1600	800	700	750	1830	1760	1710	40-36	1915	1820	1750	40-48	1930	1820	1750	40-56	1100	2723	1000	925
1800	850	750	800	2045	1970	1718	44-39	2115	2020	1950	44-48	2130	2020	1950	44-56	1124	2844	1100	980
2000	950	850	900	2265	2180	2125	48-42	2325	2230	2150	48-48	2345	2230	2150	48-60	1292	3127	1100	980

D373W美标对夹式蝶阀

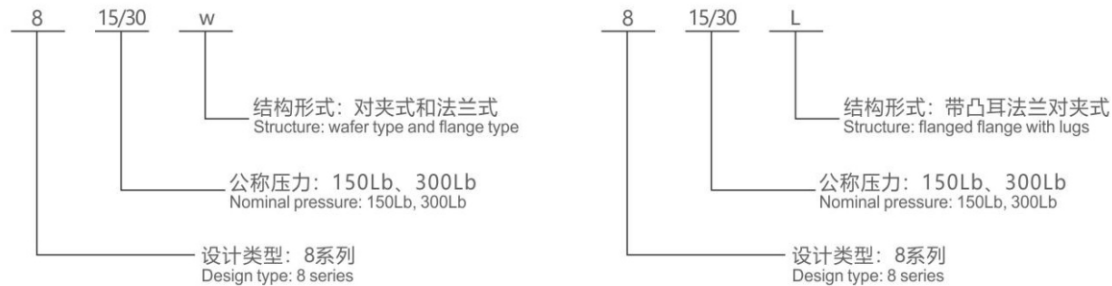
D373W American Standard Wafer Butterfly Valve

美标 对夹、双法兰式金属硬密封 蝶阀 815 W 815 系列
对夹、单法兰式氟塑料密封 830 W 830 系列

API Wafer, double flange type metal hard seal Butterfly valve 815 W 815 series
Wafer, single flange type fluoroplastic seal 830 W 830 series



型号说明 Model Description



用途及特点 Uses and characteristics

815、830系列蝶阀的主要结构特征为对夹式和法兰式三偏心结构，而815、930I系列蝶阀的主要结构特征为阀体周边带凸耳且设计成带螺孔单法兰结构。815、530系列蝶阀广泛应用于石油、化工及工业环保水处理，高层建筑，给排水等管道上。其特点为：由于采用的是三偏心结构，密闭性能可靠，确保开启时蝶板不接触密封座，消除密封座不均匀负载，延长了使用寿命，确保可靠的密封性能具有耐高温、耐磨损、耐腐蚀等优点。

The main structural features of the 815 and 830 series butterfly valves are the wafer type and flanged triple eccentric structure, while the main structural characteristics of the 815 and 930I series butterfly valves are that the body has a lug around the body and is designed as a single flange structure with a screw hole. 815 and 530 series butterfly valves are widely used in petroleum, chemical and industrial environmental protection water treatment, high-rise buildings, water supply and drainage pipelines. Its characteristics are: due to the triple eccentric structure, the sealing performance is reliable, ensuring that the butterfly plate does not touch the sealing seat when opening, eliminating the uneven load of the sealing seat, prolonging the service life, ensuring reliable sealing performance, high temperature resistance and wear resistance, Corrosion resistance and other advantages.

D373W美标对夹式蝶阀

D373W American Standard Wafer Butterfly Valve

采用标准 Adopt Standards

设计标准 design standards: API609
法兰连接尺寸 Flange connection size: ASME B16.5
结构长度 Structure length: ASME B16.10
压力试验 Pressure test: API598-2004

主要技术参数 The main technical parameters

公称通径 Nominal diameter	DN(mm)	830W	830L
		2"-36"	2"-36"
公称压力 Nominal pressure	PN(MPa)	150LB	300LB
试验压力 Ps(MPa) test pressure	强度试验 Strength test	3.0	7.5
	密封试验 Sealing test	2.2	5.5
适用介质 Applicable medium	水、蒸汽、油品、海水等		
适用温度 proper temperature	-29~425℃		

主要零件的材质 Material of main parts

零件名称 Part Name	材料 material
阀体 Valve body	WCB, WCC, LCB, CF8, CF3, CF8M, CF3M, 310S
蝶板 Butterfly board	WCB, 304, 304L, 316, 316L, 310S
阀杆 Stem	2Cr13, 304, 316L, 310S, 17-4PH
密封圈 Sealing ring	四氟、复合叠层、硬质合金 PTFE, composite laminate, cemented carbide
填料 filler	柔性石墨、氟塑料 Flexible graphite, fluoroplastics

美标对夹式蝶阀 (150LB) American Standard Wafer Butterfly Valve

公称通径 Nominal diameter		尺寸 Size			
		L	D1	D2	Z-d
50	2"	43	120.5	92	4-19
65	2 1/2"	46	139.5	105	4-19
80	3"	48	152.5	127	4-19
100	4"	54	190.5	157	8-19
125	5"	56	216	186	8-22
150	6"	57	241.5	216	8-22
200	8"	64	298.5	270	8-22
250	10"	71	362	324	12-25
300	12"	81	432	381	12-25
350	14"	92	476	413	12-29
400	16"	102	540	470	16-29
450	18"	114	578	533	16-32
500	20"	127	635	584	20-32
600	24"	154	750	692	20-35
700	28"	165	864	800	28-35
800	32"	190	978	914	28-41
900	36"	203	1086	1022	32-41
1000	40"	216	1200	1124	36-41

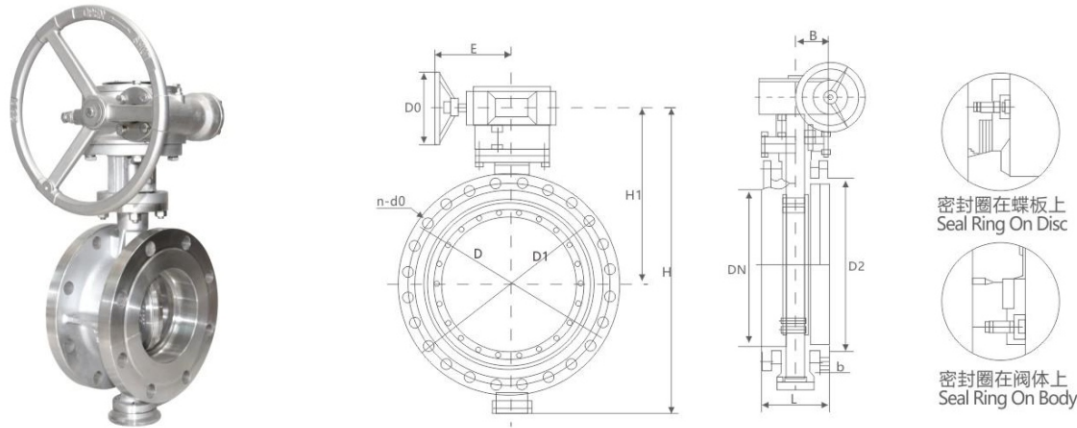
美标对夹式蝶阀 (300LB) American Standard Wafer Butterfly Valve

公称通径 Nominal diameter		尺寸 Size			
		L	D1	D2	Z-d
50	2"	43	127	92	8-19
65	2 1/2"	46	149	105	8-22
80	3"	48	168.5	127	8-22
100	4"	54	200	157	8-22
125	5"	56	235	186	8-22
150	6"	59	270	216	12-22
200	8"	73	330	270	12-25
250	10"	83	387.5	324	16-29
300	12"	92	451	381	16-32
350	14"	117	514.5	413	20-32
400	16"	133	571.5	470	20-35
450	18"	149	628.5	533	24-35
500	20"	159	686	584	24-35
600	24"	181	813	692	24-41
750	28"	229	997	857	28-49
900	36"	241	1168	1022	32-52



API美标A系列法兰蝶阀

API American Standard A Series Flanged Butterfly Valve



主要外形尺寸及重量 Main Dimensions And Weight

D343H-150LB(A系列) 法兰蝶阀 (A Series)Flange butterfly													
NPS	DN	D	D1	凸面D2 Tunisia face	凸台f1 Boss	b	n-d0	短结构 Short pantern	H	H1	B	E	D0
3"	80	190	152.5	127	1.6	24	4×18	114	472	350	50	130	203
4"	100	230	190.5	175.5	1.6	24	8×18	127	520	375	60	188	203
6"	150	280	241.5	216	1.6	24.5	8×22	140	580	410	67	220	305
8"	200	345	298.5	270	1.6	29	8×22	152	650	440	90	260	460
10"	250	405	362	324	1.6	30.5	12×26	165	700	460	90	260	460
12"	300	485	432	381	1.6	32	12×26	178	800	530	100	295	610
14"	350	535	476	413	1.6	35	12×29.5	190	980	675	100	320	356
16"	400	600	540	470	1.6	37	16×29.5	216	1042	710	120	320	457
18"	450	635	578	533.5	1.6	40	16×32.5	222	1110	750	120	340	610
20"	500	700	635	584	1.6	43	20×32.5	229	1170	760	140	340	762
24"	600	815	749.5	692	1.6	48	20×35	267	1225	777	140	360	762
26"	650	870	806.5	749.5	1.6	68.5	24×35	267	1280	805	155	360	315
28"	700	927	863.5	800	1.6	71	28×35	292	1330	827	155	360	400
30"	750	985	914.5	857	1.6	75	28×35	308	1385	853	155	435	400
32"	800	1060	978	914.5	1.6	81	28×41	318	1440	870	190	435	4000
36"	900	1170	1086	1022.5	1.6	83	32×41	330	1530	905	230	580	400
38"	950	1240	1149.5	1073	1.6	87	32×41	330	1610	950	230	580	400
40"	1000	1290	1200	1124	1.6	90	36×41	410	1660	965	230	580	400
42"	1050	1346	1257.5	1194	1.6	97	36×41	410	1720	997	230	580	400
44"	1100	1405	1314.5	1244.5	1.6	102	40×41	410	1780	1027	263	620	450
46"	1150	1455	1365	1295.5	1.6	103	40×41	470	1830	1053	263	620	450
48"	1200	1511	1422.5	1359	1.6	108	44×41	470	1920	1115	263	620	450
50"	1250	1570	1479.5	1410	1.6	111	44×48	470	1980	1160	263	620	450
52"	1300	1625	1536.5	1460.5	1.6	116	44×48	470	2030	1168	263	620	450
54"	1350	1683	1594	1511	1.6	121	44×48	470	2093	1203	310	690	500
56"	1400	1746	1651	1575	1.6	124	48×48	530	1260	1235	310	690	500
58"	1450	1805	1708	1625.5	1.6	128	48×48	530	2220	1265	310	690	500
60"	1500	1855	1759	1676.5	1.6	132	52×48	530	2270	1293	310	690	500



API美标A系列法兰蝶阀

API American Standard A Series Flanged Butterfly Valve

主要外形尺寸及重量 Main Dimensions And Weight

D343H-300LB(A系列) 法兰蝶阀 (A Series)Flange butterfly													
NPS	DN	D	D1	凸面D2 Tunisia face	凸台f1 Boss	b	n-d0	短结构 Short pantern	H	H1	B	E	D0
3"	80	210	168.5	127	1.6	29	8×22	180	378	253	73	229	152
4"	100	255	200	157.5	1.6	32	8×22	190	421	274	73	229	305
6"	150	320	270	216	1.6	34	12×22	210	543	351	108	254	305
8"	200	380	330	270	1.6	41.5	12×26	230	628	392	108	254	305
10"	250	445	387.5	324	1.6	48	16×29.5	250	855	480	133	305	610
12"	300	520	451	381	1.6	51	16×32.5	270	812	515	1333	305	610
14"	350	585	514.5	413	1.6	54	20×32.5	290	885	555	175	256	610
16"	400	650	571.5	470	1.6	57.5	20×35.5	310	951	590	175	356	356
18"	450	710	628.5	533.5	1.6	60.5	24×35.5	330	1020	615	175	356	356
20"	500	775	686	584	1.6	63.5	24×35.5	350	1080	653	175	356	356
24"	600	915	813	692	1.6	70	24×42	390	1200	759	210	435	400
26"	650	927	876.5	749.5	1.6	84	28×44	390	1277	764	210	435	400
28"	700	1035	940	800	1.6	90	28×44	430	1385	817	210	435	400
30"	750	1092	997	857	1.6	95	28×48	430	1442	846	250	580	425
32"	800	1150	1054	914.5	1.6	100	28×51	470	1555	930	250	580	425
36"	900	1270	1168.5	1022.5	1.6	111	32×54	510	1640	955	250	580	425
38"	950	1170	1092	1029	1.6	108	32×41	510	1540	905	300	620	450
40"	1000	1240	1155.5	1086	1.6	114	32×44	550	1630	960	300	620	450
42"	1050	1290	1206.5	1136.5	1.6	119	32×44	550	1650	955	300	620	450
44"	1100	1353	1263.5	1194	1.6	124	32×48	550	1723	997	300	620	450
46"	1150	1416	1321	1244.5	1.6	128	28×51	630	1790	1032	350	690	500
48"	1200	1467	1371.5	1302	1.6	133	32×51	630	1840	1056	350	690	500
50"	1250	1530	1429	1359	1.6	140	32×54	630	1900	1100	350	690	500
52"	1300	1581	1479.5	1410	1.6	144	32×54	630	1950	1126	420	820	520
54"	1350	1658	1549.5	1467	1.6	152	28×60.5	710	2030	1150	420	820	520
56"	1400	1710	1600	1517.5	1.6	154	28×60.5	710	2080	1175	420	820	520
58"	1450	1760	1651	1575	1.6	159	32×60.5	710	2130	1200	530	1020	600
60"	1500	1810	1702	1625.5	1.6	163	32×60.5	710	2180	1225	530	1020	600

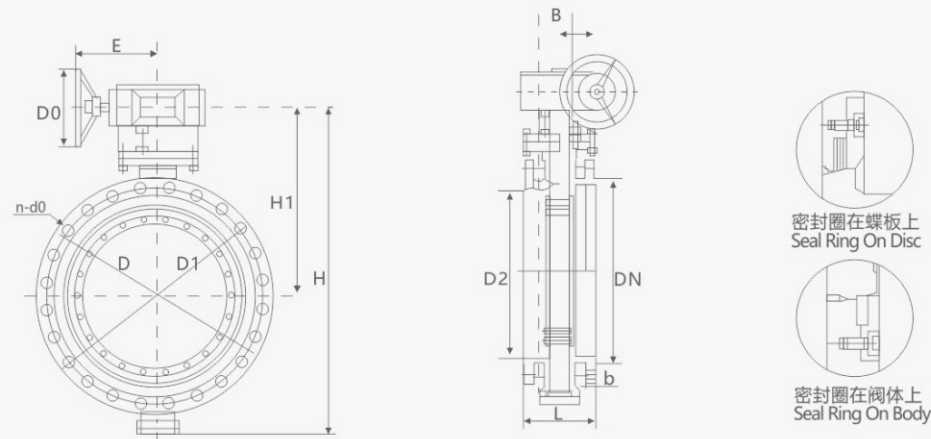
主要外形尺寸及重量 Main dimensions and weight

D343H-600LB(A系列) 法兰蝶阀 (A Series)Flange butterfly													
NPS	DN	D	D1	凸面D2 Tunisia face	凸台f1 Boss	b	n-d0	短结构 Short pantern	H	H1	B	E	D0
6"	150	355	292	216	6.4	48	12×29.5	210	680	480	130	320	300
8"	200	420	349	270	6.4	55.5	12×32.5	230	750	515	130	320	300
10"	250	510	432	324	6.4	63.5	16×35.5	250	840	560	130	320	300
12"	300	560	489	381	6.4	67	20×35.5	270	890	580	155	340	350
14"	350	605	527	413	6.4	70	20×39	290	955	625	175	360	350
16"	400	685	603	470	6.4	76.5	20×42	310	1035	665	175	360	350
18"	450	745	654	533.5	6.4	83	20×45	330	1095	693	175	360	350
20"	500	815	724	584	6.4	89	24×45	350	1165	730	210	435	400
24"	600	940	838	692	6.4	102	24×51	390	1290	805	250	580	425
26"	650	1016	914.5	749.5	6.4	108	28×51	390	1386	860	250	580	425
28"	700	1073	965	800	6.4	111.5	28×54	430	1443	893	300	620	450
30"	750	1130	1022.5	857	6.4	114.5	28×54	430	1500	920	300	620	450
32"	800	1194	1079.5	914.5	6.4	117.5	28×60.5	470	1565	950	350	690	500
36"	900	1315	1194	1022.5	6.4	124	28×66.5	510	1685	1010	350	690	500

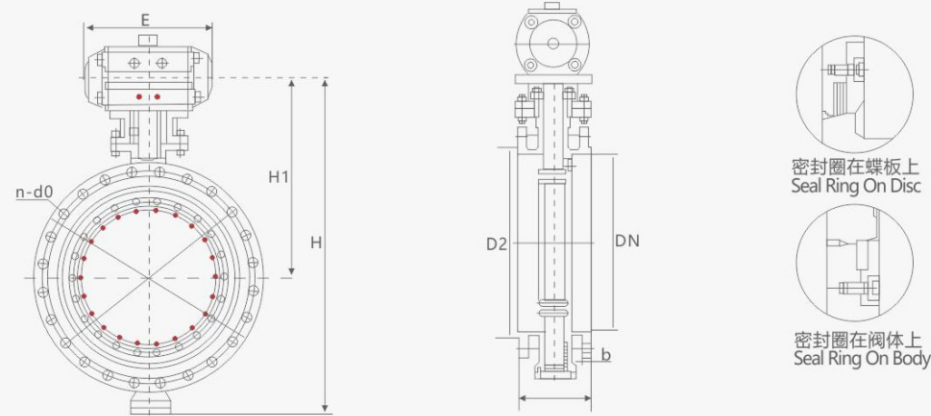


API大口径美标B系列法兰蝶阀

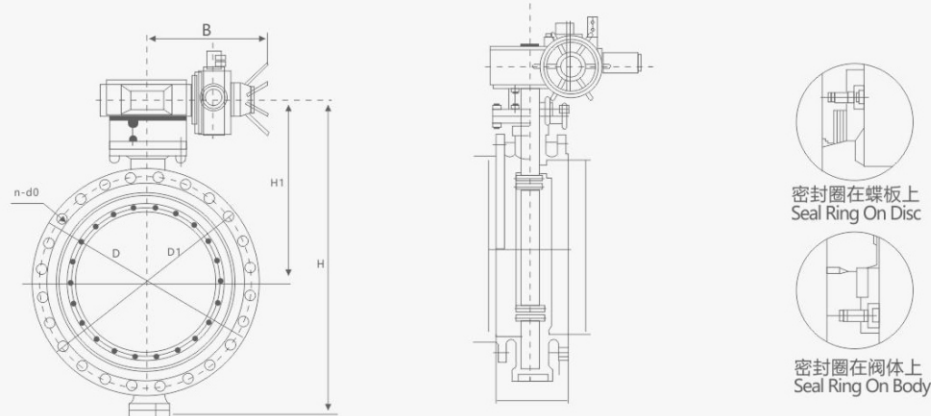
API Large Diameter American Standard B Series Flange Butterfly Valve



D343H蜗轮传动蝶阀/Worm Gear Driven Butterfly Valve



D643H气动蝶阀/Pneumatic Butterfly Valve



D943H电动蝶阀/Electric Butterfly Valve



API大口径美标B系列法兰蝶阀

API Large Diameter American Standard B Series Flange Butterfly Valve

主要外形尺寸及重量 Main Dimensions And Weight

D343 ^H _F -150LB(B系列) 法兰蝶阀 (B Series)Flange butterfly													
NPS	DN	D	D1	凸面D2 Tunisia face	凸台f1 Boss	b	n-d0	短结构 Short panitem	H	H1	B	E	D0
26"	650	786	744.5	711	1.6	41.5	36×22.5	267	1100	670	155	360	300
28"	700	837	795.5	762	1.6	44.5	40×22.5	292	1157	703	155	360	300
30"	750	888	846	813	1.6	44.5	44×22.5	308	1210	730	155	360	300
32"	800	942	900	863.5	1.6	46	48×22.5	318	1275	756	190	435	300
34"	850	1005	957.5	921	1.6	49.5	40×25.5	318	1330	783	190	435	300
36"	900	1057	1009.5	971.5	1.6	52.5	44×25.5	330	1390	833	210	580	350
38"	950	1124	1070	1022.5	1.6	54	40×28.5	330	1414	865	230	580	350
40"	1000	1175	1120.5	1079.5	1.6	56	44×28.5	410	1510	891	230	580	350
42"	1050	1226	1171.5	1130.5	1.6	59	48×28.5	410	1560	920	230	580	350
44"	1100	1277	1222	1181	1.6	60.5	52×28.5	410	1610	943	263	620	350
46"	1150	1342	1284	1235	1.6	62	40×32	470	1677	975	263	620	400
48"	1200	1392	1335	1289	1.6	65	44×32	470	1747	1050	263	620	400
50"	1250	1443	1386	1340	1.6	68.5	48×32	470	1975	1075	263	620	400
52"	1300	1494	1436.5	1390.5	1.6	70	52×32	470	1850	1100	263	620	400
54"	1350	1550	1492.5	1441.5	1.6	71.5	56×32	470	1910	1124	310	690	400
56"	1400	1600	1543	1492.5	1.6	73.5	60×32	530	1960	1150	310	690	400
58"	1450	1675	1611.5	1543	1.6	75	48×35	530	2035	1187	310	690	450
60"	1500	1726	1662	1600	1.6	76.5	52×35	530	2087	1213	310	690	450

主要外形尺寸及重量 Main Dimensions And Weight

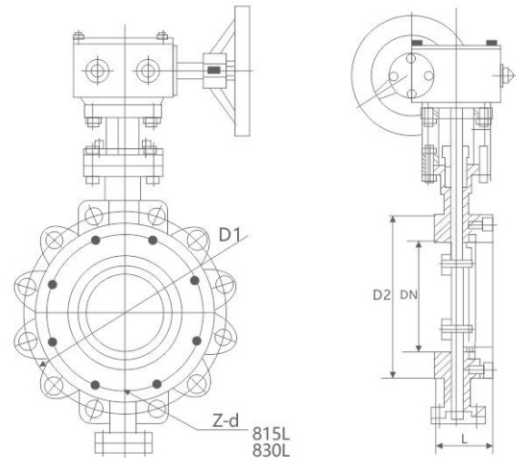
D343 ^H _F -300LB(B系列) 法兰蝶阀 (B Series)Flange butterfly													
NPS	DN	D	D1	凸面D2 Tunisia face	凸台f1 Boss	b	n-d0	短结构 Short panitem	H	H1	B	E	D0
26"	650	867	803	736.5	1.6	89	32×35	390	1197	734	210	435	400
28"	700	921	857	787.5	1.6	89	36×35	430	1251	761	210	435	400
30"	750	991	920.5	844.5	1.6	94	36×38	430	1321	796	210	435	400
32"	800	1054	978	901.5	1.6	103.5	32×41	470	1395	840	250	580	425
34"	850	1108	1031.5	952.5	1.6	103.5	36×41	470	1450	865	250	580	425
36"	900	1172	1089	1009.5	1.6	103.5	32×44.5	510	1525	916	250	580	425
38"	950	1222	1140	1060.5	1.6	111.5	36×44.5	510	1580	951	300	620	450
40"	1000	1273	1191	1114.5	1.6	116	40×44.5	550	1633	977	300	620	450
42"	1050	1334	1244.5	1168.5	1.6	119.5	36×48	550	1694	1010	300	620	450
44"	1100	1385	1295.5	1219	1.6	127	40×48	550	1750	1033	350	620	450
46"	1150	1461	1365.5	1270	1.6	128.5	36×51	630	1825	1071	350	690	500
48"	1200	1511	1416	1327	1.6	128.5	40×51	630	1893	1106	350	690	500
50"	1250	1562	1467	1378	1.6	138.5	44×51	630	1942	1131	350	690	500
52"	1300	1615	1517.5	1429	1.6	143	48×51	630	1995	1157	420	820	520
54"	1350	1674	1578	1479.5	1.6	137	48×51	710	2055	1187	420	820	520
56"	1400	1766	1654	1536.5	1.6	154	36×60.5	710	2166	1253	420	820	520
58"	1450	1828	1713	1594	1.6	154	40×60.5	710	2228	1284	455	1020	600
60"	1500	1878	1764	1651	1.6	151	40×60.5	710	2278	1310	455	1020	600

美标凸耳式蝶阀

API Lug Butterfly Valve



美标815L/830L系列 API815L/830L Series



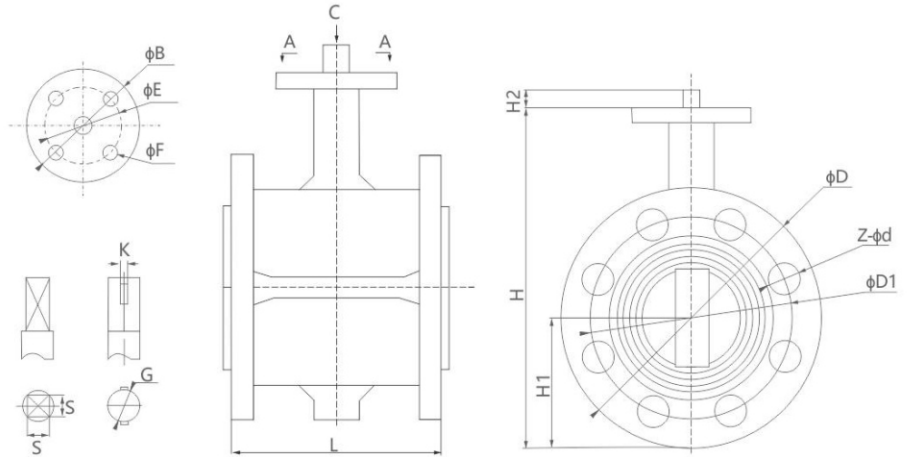
主要外形尺寸及重量 Main Dimensions And Weight

公称通径 Nominal diameter		尺寸/mmDimension								
		Class150					Class300			
		L	D1	D2	Z-d	L	D1	D2	Z-d	
50	2"	43	120.5	92	4-19	43	127	92	8-19	
65	2 1/2"	46	139.5	105	4-19	46	149	105	8-22	
80	3"	48	152.5	127	4-19	48	168.5	127	8-22	
100	4"	54	190.5	157	8-19	54	200	157	8-22	
125	5"	56	216	186	8-22	56	235	186	8-22	
150	6"	57	241.5	216	8-22	59	270	216	12-22	
200	8"	64	298.5	270	8-22	73	330	270	12-25	
250	10"	71	362	324	12-25	83	387.5	324	16-29	
300	12"	81	432	381	12-25	92	451	381	16-32	
350	14"	92	476	413	12-29	117	514.5	413	20-32	
400	16"	102	540	470	16-29	133	571.5	470	20-35	
450	18"	114	578	533	16-32	149	628.5	533	24-35	
500	20"	127	635	584	20-32	159	686	584	24-35	
600	24"	154	750	692	20-35	181	813	692	24-41	
700	28"	165	864	800	28-35	229	997	857	28-49	
800	32"	190	978	914	28-41	-	-	-	-	
900	36"	203	1086	1022	32-41	-	-	-	-	
1000	40"	216	1200	1124	36-41	-	-	-	-	

公称通径 Nominal diameter		尺寸/mmDimension									
		Class600					Class900				
		L	D1	D2	Z-d	N-UN	L	D1	D2	Z-d	N-UN
80	3"	54	168.3	127	4-22	8-3/4"	64	190.5	127	4-26	8-7/8"
100	4"	64	215.9	157	4-26	8-7/8"	80	235.0	157	4-32	8-1 1/8"
150	6"	78	292.1	216	4-28	12-1"	104	317.5	216	4-32	12-1 1/8"
200	8"	102	349.2	270	4-32	12-1 1/8"	112	393.7	270	4-38	12-1 3/8"
250	10"	117	431.8	324	4-35	16-1 1/4"	135	469.9	324	4-38	16-1 3/8"
300	12"	140	489.0	381	4-35	20-1 1/4"	170	533.4	381	4-38	20-1 3/8"
350	14"	155	527.0	413	4-38	20-1 3/8"	190	558.8	413	4-42	20-1 1/2"
400	16"	178	603.2	470	4-42	20-1 1/2"	202	616.0	470	4-45	20-1 5/8"
450	18"	200	654.0	533	4-45	20-1 5/8"	230	685.8	533	4-50	20-1 7/8"
500	20"	216	723.9	584	4-45	24-1 5/8"	252	749.3	584	4-55	24-2"
600	24"	232	838.2	692	4-50	24-1 7/8"	312	901.7	692	4-68	20-2 1/2"

中线法兰式蝶阀结构及连接尺寸

Centerline flanged butterfly valve structure and connection size



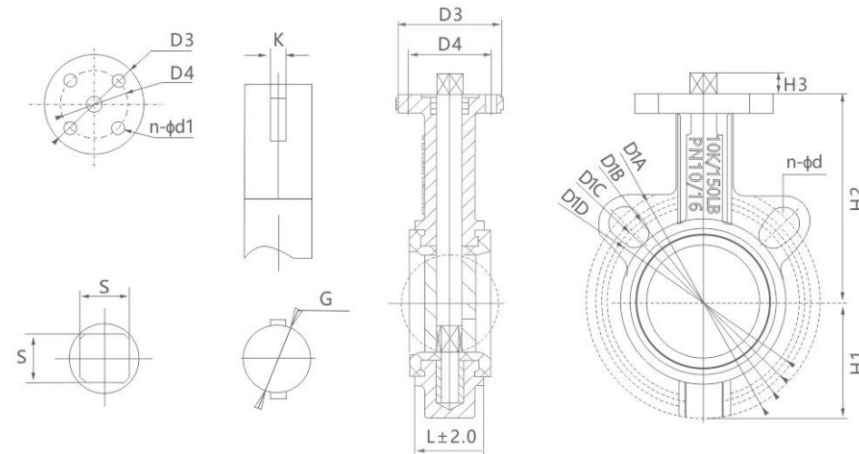
主要外形尺寸及重量 Main Dimensions And Weight

公称通径 Nominal diameter	L	D1		Z-φd	H	H1	S*S/G	K	B	E #	4-φF	H2	扭矩 N.m
		0.6/1.0/1.6	0.6/1.0/1.6										
50	108	110/125/125	140/165/165	4-14/4-18/4-18	200	80	9*9/12.6	1-3	65	50	4-7.5	27	22
65	112	130/145/145	160/185/185	4-14/4-18/4-18	219	89	9*9/12.6	1-3	65	50	4-7.5	27	28
80	114	150/160/160	190/200/200	4-18/8-18/8-18	240	95	9*9/12.6	1-3	65	50	4-7.5	27	44
100	127	170/180/180	210/220/220	4-18/8-18/8-18	270	114	11*11/15.7	1-5	90	70	4-10	27	69
125	140	200/210/210	240/250/250	8-18/18-18/8-18	295	125	14*14/18.9	1-5	90	70	4-10	27	114
150	140	225/240/240	265/285/285	8-18/8-22/8-22	330	142	14*14/18.9	1-5	90	70	4-10	27	155
200	152	280/295/295	320/340/340	8-18/8-22/12-22	375	170	17*17/22	1-5	125	102	4-12	45	282
250	165	335/350/355	375/395/405	12-18/12-22/12-26	433	198	22*22/28.4	1-8	125	102	4-12	45	434
300	178	395/400/410	440/445/460	12-22/12-22/12-26	503	223	22*22/31.6	1-8	150	102/125	4-12/14	50	670
350	190	445/460/470	490/505/520	12-22/16-22/16-26	590	260	22*22/31.6	1-8	150	102/125	4-12/14	50	1000
400	216	495/515/525	540/565/580	16-12/16-26/16-30	660	290	27*27/33.2	1-10	197	125/140	4-14/18	64	1664
450	222	550/565/585	595/615/640	16-22/20-26/20-30	722	320	27*27/38	1-12	197	140/165	4-18-22	64	1890
500	229	600/620/650	645/670/715	20-22/20-26/20-33	900	400	41/36	1-12	197	165	4-22	64	2440
600	267	705/725/770	755/780/840	20-26/20-30/20-36	1027	457	36*36/41.1	2-16	210/276	165	4-22	70	3350
700	292	810/840/840	860/895/910	24-26/24-30/24-36	1072	490	36*36/50.6	2-18	300	254	8-18	82	5600
800	318	920/950/950	975/1015/1025	24-30/24-33/24-39	1155	525	46*46/62	2-20	300	254	8-18	82	7300
900	330	1020/1050/1050	1075/1115/1125	24-30/28-33/28-39	1260	570	55*55/75	2-22	300	254	8-18	118	10000
1000	410	1120/1160/1117	1175/1230/1255	28-30/28-36/28-42	1390	645	55*55/86	2-25	300	254	8-18	148	13000

中线对夹式蝶阀结构及连接尺寸

Centerline Wafer Type Butterfly Valve Structure and Connection Dimensions

PN10&PN16&150LB&10K

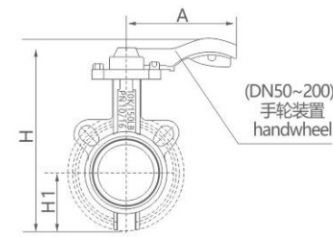


主要外形尺寸及重量 Main Dimensions And Weight

	DN	L	150LB	PN16	PN10	10K	150LB	PN16	PN10	10K	H1	H2	H3	S*S/G	K	D3	D4	n-φd1
			D1A	D1B	D1C	D1D	n-φd	n-φd	n-φd	n-φd								
1.1/2	40	42	98.4	110	110	105	4-19	4-18	4-18	4-16	67	133	14	9*9/12.6	3	65/90	50/70	4-7/10
2	50	42	120.7	125	125	120	4-19	4-18	4-18	4-16	67	133	14	9*9/12.6	3	65/90	50/70	4-7/10
2.1/2	65	45	139.7	145	145	140	4-19	8-18	8-18	4-16	75	137	14	9*9/12.6	3	65/90	50/70	4-7/10
3	80	45	152.4	160	160	150	4-19	8-18	8-18	8-16	82	159	14	9*9/12.6	3	65/90	50/70	4-7/10
4	100	52	190.5	180	180	175	8-19	8-18	8-18	8-16	105	171	18	11*11/15.7	5	90	70	4-10
5	125	54	215.9	210	210	210	8-22	8-18	8-18	8-20	118	189	22	14*14/18.9	5	90	70	4-10
6	150	54	214.3	240	240	240	8-22	8-22	8-22	8-20	135	209	22	14*14/18.9	5	90	70	4-10
8	200	59	298.5	295	295	290	8-22	12-22	12-22	12-20	165	258	24	17*17/22	5	125	102	4-12
10	250	66	362	355	350	355	12-26	12-26	12-22	12-22	200	299	30	22*22/28.4	8	125	102	4-12
12	300	77	413.8	410	400	400	12-26	12-26	12-22	16-22	230	337	30	22*22/31.6	8	150	125	4-14
14	350	77	476.3	470	460	445	12-29	16-26	16-22	16-22	274	350	45	22*22/31.6	8	158	125	4-14
16	400	86/102	539.8	525	515	510	12-29	16-30	16-26	16-24	304	405	50	27*27/33.2	10	175	140	4-18
18	450	105/114	577.9	585	565	565	16-32	20-30	20-26	20-24	335	409	50	27*27/38	10	175	140	4-22
20	500	130	635	650	620	620	30-32	20-33	20-26	20-24	368	460	60	36*36/41.1	10	210	165	4-22
24	600	151	749.3	770	725	730	20-33	20-36	20-30	24-30	428	516	70	36*36/50.6	16	210	165	4-22
28	700	163	863.6	840	840	840	28-35	24-36	24-30	24-30	520	648	80	46*46/62	18	300	254	8-18
32	800	190	977.9	950	950	850	28-39	24-39	24-33	28-30	580	668	80	46*46/62	18	300	254	8-18
36	900	203	1085.8	1050	1050	1050	32-39	28-39	28-33	28-30	656	720	118	55*55/75	20	300	254	8-18
40	1000	216	1200.2	1170	1160	1160	36-39	28-42	28-36	28-36	722	800	148	55*55/85	22	300	254	8-18

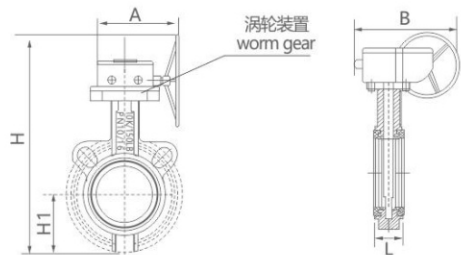
中线对夹式蝶阀结构及连接尺寸

Centerline Wafer Type Butterfly Valve Structure and Connection Dimensions



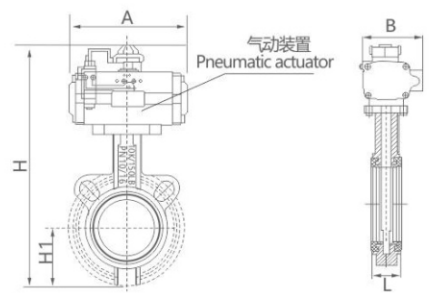
主要外形尺寸 Main external dimensions

DN	40	50	65	80	100	125	150	200
H1	67	67	75	82	105	118	135	165
H	177	265	287	302	305	372	398	420
A	115	170	170	170	215	215	215	355



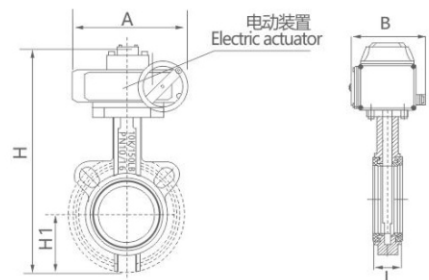
主要外形尺寸 Main external dimensions

DN	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	900	1000
H1	67	67	75	82	105	118	135	165	200	230	274	304	335	368	428	520	580	656	722
H	260	308	330	345	383	405	431	584	651	712	804	920	983	1048	1199	1470	1603	1741	1887
A	208	208	208	208	208	208	208	299	299	294	294	351	361	361	417	485	485	534	534
B	174	174	174	174	174	174	174	292	292	308	308	426	426	426	479	578	578	650	650
L	42	42	45	45	52	54	54	59	66	77	77	86	105	130	151	163	190	203	216



主要外形尺寸 Main external dimensions

DN	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	900	1000
H1	67	67	75	82	105	118	135	165	200	230	274	304	335	368	428	520	580	656	722
H	241	289	325	360	398	452	431	570	657	746	867	935	1013	1230	1429	1668	1847	1976	2122
A	130	130	140	140	186	254	208	296	384	384	501	533	589	589	638	1330	1380	1860	1860
B	59	59	70	70	91	120	174	137	173	173	208	224	274	274	322	320	360	440	440
L	42	42	45	45	52	54	54	59	66	77	77	86	105	130	151	163	190	203	216

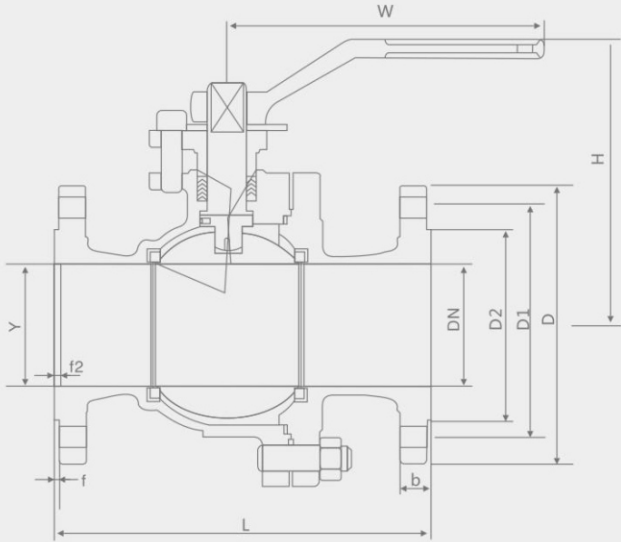


主要外形尺寸 Main external dimensions

DN	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	900	1000
H1	67	67	75	82	105	118	135	165	200	230	274	304	335	368	428	520	580	656	722
H	284	332	354	400	438	501	521	593	660	747	839	879	1288	1353	1504	1775	1908	2104	2250
A	165	165	212	212	212	259	259	259	259	259	284	284	644	644	644	803	803	887	1015
B	140	140	154	154	154	186	486	186	186	186	193	193	495	495	495	671	671	693	693
L	42	42	45	45	52	54	54	59	66	77	77	86	105	130	151	163	190	203	216



BALL VALVE SERIES 球阀系列



国标浮动球阀

GB floating ball valve

结构特点Structure characteristics

浮动软密封不锈钢球阀用于PN16~PN63的各种管路上，用于截断或接通管路中的介质，选用不同的材质，可分别适用于水、蒸汽、油品、液化气、天然气、煤气、醋酸、氧化性介质、尿素等多种介质。
a、在各种阀门中，球阀的流动阻力最小，全径球阀打开时，球体通道、阀体通道和连接管径相等并成一直径，介质几乎可以毫无损失的流过。
b、球阀旋转90°即可全开全关，启闭迅速。与相同规格的闸阀、截止阀比较，球阀体积小、重量轻、便于管道安装。

Soft floating seal stainless steel ball valve used for PN16 ~ PN63 various piping, used to truncate or on line in the medium, choose no material, can be respectively suitable for water, steam, oil, liquefied petroleum gas, natural gas, coal gas, acetic acid, oxidizing medium, urea, and other media.
A, in all kinds of valve, ball valve flow resistance of the smallest, full bore ball valve is opened, the sphere channels, the body and connected to equal diameter and diameter, flow medium can be almost no losses.
B, ball valve can be rotated 90 ° seated fully open, opening and closing fast. Compared with the same specifications of the gate valve, globe valve, ball valve, small volume, light weight, easy to pipeline installation.

标准与规范 Standards and norms

设计标准 Design standard	结构长度 Face to Face	法兰连接尺寸 Flange End	试验与检验 Test & Check	压力-温度 Pressure-Temp.
GB/T 12237 API6D	GB/T 12221	JB/T 79 HG20592	JB/T 9092 GB/T 13927	GB/T 12224 ASME B16.34

性能参数performance parameters

序号 NO.	项目名称 Project name	项目名称 Project name			
		PN16	PN25	PN40	PN64
1	公称压力 (MPa)	1.6	2.5	4.0	6.4
2	壳体强度试验压力 (MPa) Shell strength test pressure	常温下公称压力的1.5倍 1.5 Times the nominal pressure at room temperature			
3	高压密封试验压力 (MPa) High pressure seal test pressure	常温下公称压力的1.1倍 1.1 Times the nominal pressure at room temperature			
4	常温下工作压力 (MPa) Operating pressure at room temperature	≤1.6	≤2.5	≤4.0	≤6.4

主要零件材料 Materials for Main Parts

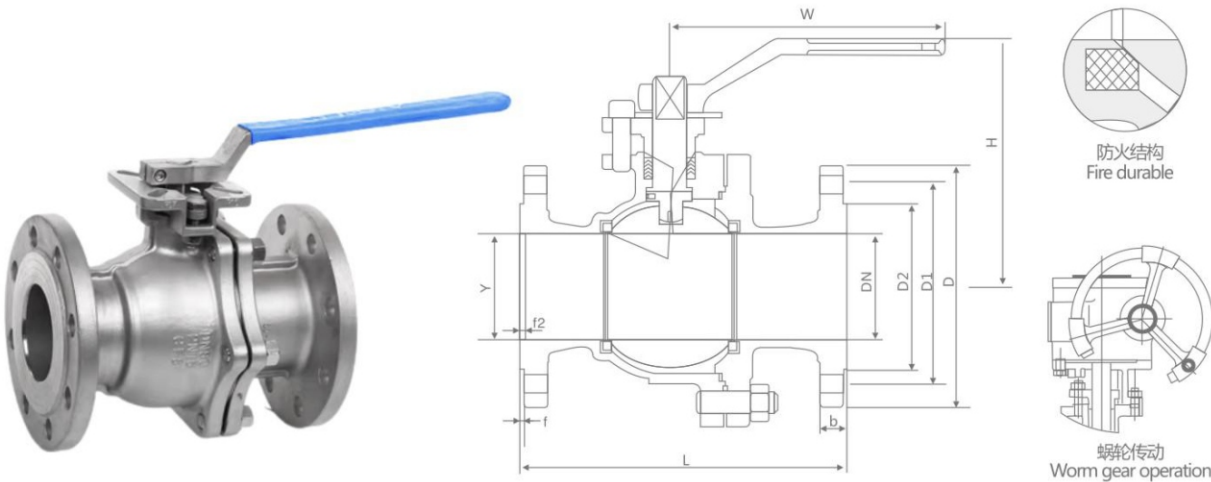
名称 Name	材料 Material								
阀体/阀盖 Body/Bonnet	CF8	CF3	CF8M	CF3M	WCB	LCB	WC6	WC9	C5
球体 Ball	CF8	CF3	CF8M	CF3M	WCB Hcr	CF8	CF8	CF8	CF8
阀杆 Stem	F304	F304L	F316	F316L	2CR13	F304	F304	F304	F304
阀座 Seat	PTFE/PPL/304								
填料/垫片 Packing/Gasket	PTFF					石墨 Graphite			
螺栓 Bolt	不锈钢 Stainless Steel					35CrMoA			
螺母 Nut	不锈钢 Stainless Steel					45、35CrMoA			
手柄 Handle	铸钢 Cast Steel								



国标浮动球阀

GB floating ball valve

Q41/641/941F-16C/P/R/RL



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

单位Unit:mm

公称通径 DN	主要外形和连接尺寸Main external and connecting dimensions									WT (kg)
	L	D	D1	D2	b	f	Z-Φd	H	W	
PN1.6		Q41F-16C	Q41F-16P	Q641F-16C	Q641F-16P	Q9B41F-16C	Q9B41F-16P			
15	130	95	65	45	14	2	4-Φ14	78	140	-
20	140	105	75	55	14	2	4-Φ14	84	160	-
25	150	115	85	65	14	2	4-Φ14	95	180	-
32	165	135	100	78	17	2	4-Φ18	150	250	-
40	180	145	110	85	17	2	4-Φ18	150	300	-
50	200	160	125	100	18	2	4-Φ18	170	350	-
65	220	180	145	120	19	2	4-Φ18	195	350	-
80	250	195	160	135	20	2	8-Φ18	215	400	-
100	280	215	180	155	21	2	8-Φ18	250	500	-
125	320	245	210	185	22	3	8-Φ18	265	600	-
150	360	280	240	210	24	3	8-Φ23	270	800	-
200	400	335	295	265	26	3	12-Φ23	330	800	-
250	533	405	355	320	28	3	12-Φ25	450	1300	-



国标浮动球阀

GB floating ball valve

Q41/341/641/941P-25~64/

JB/T 79.2-1994

JB/T 79.1-1994

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

单位Unit:mm

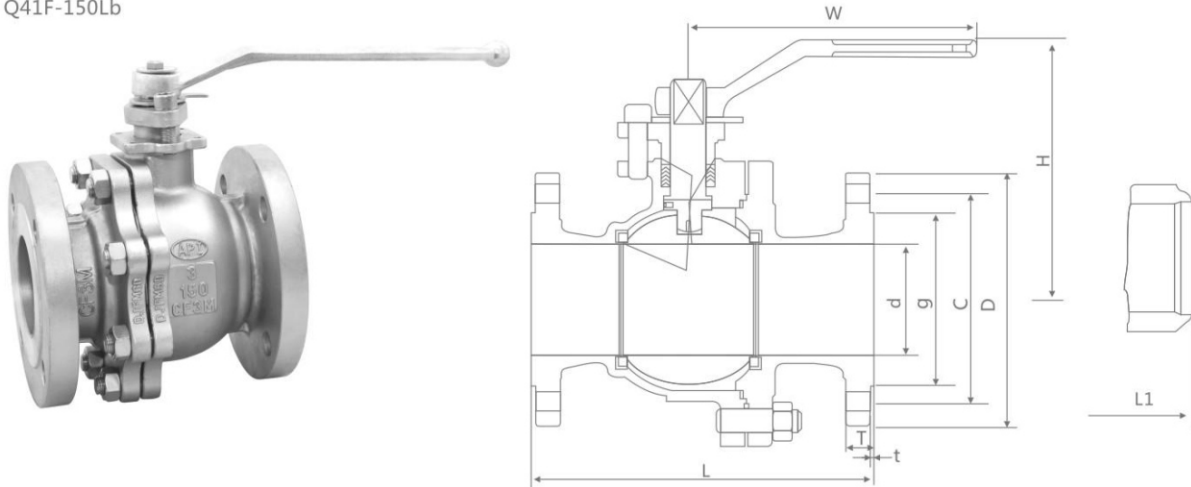
公称通径 DN	主要外形和连接尺寸Main external and connecting dimensions										WT (kg)
	L	D	D1	D2	b	Y	f2	Z-Φd	H	W	
PN2.5		Q41F-25		Q41F-25P	Q641F-25		Q641F-25P	Q9B41F-25		Q9B41F-25P	
15	130	95	65	45	16	-	-	4-Φ14	103	100	-
20	140	105	75	55	16	-	-	4-Φ14	112	160	-
25	150	115	85	65	16	-	-	4-Φ14	123	160	-
32	165	135	100	78	18	-	-	4-Φ18	150	250	-
40	180	145	110	85	18	-	-	4-Φ18	156	250	-
50	200	160	125	100	20	-	-	4-Φ18	172	350	-
65	220	180	145	120	22	-	-	8-Φ18	197	350	-
80	250	195	160	135	22	-	-	8-Φ18	222	450	-
100	320	230	190	160	24	-	-	8-Φ23	253	450	-
125	400	270	220	188	28	-	-	8-Φ25	275	600	-
150	400	300	250	218	30	-	-	8-Φ25	286	800	-
200	502	360	310	278	34	-	-	12-Φ25	340	1200	-
250	533	425	370	332	36	-	-	12-Φ30	470	1400	-
PN4.0		Q41F-40	Q41F-40P	Q341F-40	Q341F-40P	Q641F-40	Q641F-40P	Q9B41F-40		Q9B41F-40P	
15	130	95	65	45	16	40	4	4-Φ14	103	100	-
20	140	105	75	55	16	51	4	4-Φ14	112	160	-
25	150	115	85	65	16	58	4	4-Φ14	123	160	-
32	180	135	100	78	18	66	4	4-Φ18	150	250	-
40	200	145	110	85	18	76	4	4-Φ18	156	250	-
50	220	160	125	100	20	88	4	4-Φ18	172	350	-
65	250	180	145	120	22	110	4	8-Φ18	197	350	-
80	280	195	160	135	22	121	4	8-Φ18	222	450	-
100	320	230	190	160	24	150	4.5	8-Φ23	253	450	-
125	400	270	220	188	28	176	4.5	8-Φ25	275	600	-
150	400	300	250	218	30	204	4.5	8-Φ25	286	800	-
200	550	375	320	282	38	260	4.5	12-Φ30	340	1200	-
250	568	445	385	345	42	313	4.5	12-Φ34	470	1400	-
PN6.3		Q41F-63	Q41F-63P	Q341F-63	Q341F-63P	Q641F-63	Q641F-63P	Q9B41F-63		Q9B41F-63P	
15	140	105	75	55	18	40	4	4-Φ14	105	130	-
20	155	125	90	68	20	51	4	4-Φ18	125	130	-
25	216	135	100	78	22	58	4	4-Φ18	135	160	-
32	229	150	110	82	24	66	4	4-Φ23	150	160	-
40	241	165	125	95	24	76	4	4-Φ23	165	230	-
50	292	175	135	105	26	88	4	4-Φ23	175	230	-
65	330	200	160	130	28	110	4	8-Φ23	200	400	-
80	356	210	170	140	30	121	4	8-Φ23	210	400	-
100	432	250	200	168	32	150	4.5	8-Φ25	250	700	-
125	455	295	240	202	36	176	4.5	8-Φ30	295	1100	-
150	660	340	280	240	38	204	4.5	8-Φ34	340	1500	-



美标法兰浮动球阀

API Flanged Floating Ball Valve

Q41F-150Lb



应用标准

球阀符合API 608/API 6D标准
球阀符合ISO 10434/ISO 14313标准
防火标志采用API 607 标准
防静电采用API 608标准
符合ASME B 16.34标准
结构长度符合ASME B 16.10标准
法兰尺寸符合ASME B 16.5标准
对接焊符合ASME B 16.25标准
试验与检验符合API 598/API 6D标准

设计描述

全通径设计
螺栓连接
浮动结构
防脱阀杆
防火设计
静电装置
切断装置
ISO5211 固定盘
法兰/焊接端
蜗轮操作

Applicable standards

BALL VALVES , API 608/API 6D
BALL VALVES , ISO 10434/ISO 14313
FIRE DURABLE , API 607
ANTI STATIC , API 608
VALVES , ASME B 16.34
FACE TO FACE , ASME B 16.10
END FLANGES , ASME B 16.5
BUTT WELDING ENDS , ASM B 16.25
INSPECTION AND TEST , API 598/API 6D

Design description:

FULL PORT DESIGN
BB , BOLTED BONNET , SPLIT BODY
FLOATING BALL TYPE
BLOW-OUT PROOF STEM
FIRE DURABLE CONSTRUCTION
ANTI STATIC DEVICE
STOPPER DEVICE
ISO5211 MOUNTING PAD
FLANGED OR BUTT WELDING ENDS
AVAILABLE WITH BG OPERATOR

各部件材质 Materials of parts

序号 NO	零件名称 Part Name	ASTM材质 ASTM Material		
		碳钢Carbon Steel	CF8M	CF8
1	阀体Body	A216-WCB	A351-CF8M	CF8
2	阀盖Bonnet	A216-WCB	A351-CF8M	CF8
3	球Ball	A182-F3041)	A182-F316	F304
4	阀杆Stern	A276-304	A276-316	F304
5	阀座Seat seat		R.PTFE	
6	垫片Gasket	石墨+3042) Graphite+3042)	PTFE	PTFE
7	阀盖螺栓Valve cover bolt	A193-B7	A193-B8M	A193-B8M
8	阀盖螺母Valve cover nut	A194-2H	A194-8M	A194-8M
9	填料Packing		PTFE	PTFE
10	填料压板Packing press plate	A216-WCB	CF8	CF8
11	填料螺栓Packing bolt	A193-B7	A193-B8M	A193-B8M
12	定位片Positioning sheet	碳钢Carbon Steel	F304	F304
13	手柄Handle		碳钢Carbon Steel	

注释：1、A105+ENP 可选的 Note:1)A105+ENP optional 2、缠绕石墨垫片 2).Spiral wound construction and gaskets



美标法兰浮动球阀

API Flanged Floating Ball Valve

主要连接尺寸 Main connection dimensions

公称压力 Nominal pressure	Size	Dimensions(mm)									
	DN	d	L	D	C	g	T	t	H	W	n-Φ
class 150Lb	1/2"	15	108	89	60.5	35	12.7	1.6	87.5	142	4-15
	3/4"	20	117	98	70.0	43	12.7	1.6	87.5	142	4-15
	1"	25	127	108	79.5	51	13	1.6	91.5	142	4-15
	1 1/4"	32	140	117	89	64	14.5	1.6	107	190	4-15
	1 1/2"	40	165	127	98.5	73	15	1.6	128	200	4-15
	2"	50	178	152	120.5	92	16	1.6	136	200	4-19
	2 1/2"	65	190	178	139.5	105	18	1.6	158	300	4-19
	3"	80	203	190	152.5	127	19	1.6	196	350	4-19
	4"	100	229	229	190.5	157	24	1.6	212	700	4-19
	5"	125	356	254	215.9	186	24	1.6	252	1100	8-22
	6"	150	394	279	241.5	216	26	1.6	272	1100	8-22
	8"	200	457	343	298.5	270	29	1.6	342	1500	8-22
	10"	250	533	406	362	324	30	1.6	345	1500	12-25
	12"	305	610	483	432	381	32	1.6	385		12-25

主要连接尺寸 Main connection dimensions

公称压力 Nominal pressure	Size	Dimensions(mm)									
	DN	d	L	D	C	g	T	t	H	W	n-Φ
class 300Lb	1/2"	15	140	95	66.5	35	15	1.6	87.5	142	4-15
	3/4"	20	152	117	82.5	43	16	1.6	87.5	142	4-15
	1"	25	165	124	89.0	51	18	1.6	91.5	142	4-19
	1 1/4"	32	178	133	98.5	64	19	1.6	107	190	4-19
	1 1/2"	40	190	156	114.5	73	21	1.6	128	200	4-22
	2"	50	216	165	127	92	23	1.6	136	200	8-19
	2 1/2"	65	241	190	149	105	26	1.6	158	300	8-22
	3"	80	283	210	168.5	127	29	1.6	202	350	8-22
	4"	100	305	254	200	157	32	1.6	218	700	8-22
	5"	125	381	279	235	186	35	1.6	252	1100	8-22
	6"	150	403	318	270	216	37	1.6	272	1100	12-22
	8"	200	502	381	330	270	41	1.6	342	1500	12-25
class 600Lb	1/2"	15	165	95	66.5	35	15	6.4	59	160	4-16
	3/4"	20	190	117	82.5	43	16	6.4	63	160	4-19
	1"	25	216	124	89.0	51	18	6.4	75	230	4-19
	1 1/4"	32	229	133	98.5	64	21	6.4	85	300	4-19
	1 1/2"	40	241	156	114.5	73	22.3	6.4	95	400	4-22
	2"	50	292	165	127	92	25.4	6.4	107	700	8-19
	4"	100	432	273	216	157.2	38	6.4	178	1100	8-25
	5"	125	491	330	267	186	44.5	6.4	225	1100	8-29
	6"	152	559	356	282	216	47.2	6.4	250	1500	12-29
	8"	203	660	419	349	282	55.7	6.4	294	1500	12-32

Q47F/Y/H型固定式球阀

Q47F/Y/H Fixed Ball Valve

结构特点及用途 Structural characteristics and uses

1、操作省力：球体由上下轴承支撑，减少摩擦，消除了由于进口压力推动球体与密封座形成的巨大密封负荷而造成过大的扭矩。

1、 Operation: ball bearings supported by the up and down, to reduce friction, eliminate the pressure as imports to promote the formation of the sphere and the great seal sealed seat load caused by excessive torque.

2、密封性能可靠（见图1）：PTFE弹性材料密封圈嵌于不锈钢阀座内，金属阀座尾端没有弹簧，保证密封圈足够的预紧力，阀门在使用过程中密封面摩擦磨损时，在弹簧作用下阀门继续保证良好密封性能。

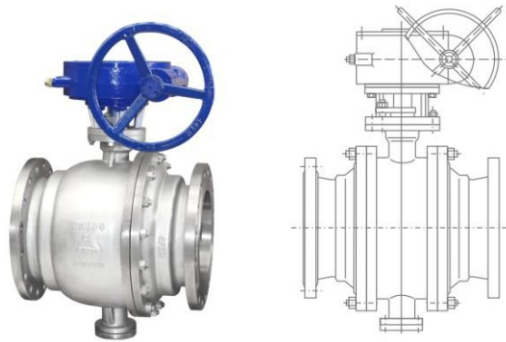
2、 Sealing performance and reliable (see Figure 1): PTFE elastic material embedded in stainless steel valve seat ring, the metal spring seat no end, to ensure adequate preload ring, valve sealing surface in the course of friction loss When the valve under the action of the spring to ensure good sealing performance.

3、防火结构（见图2）：为防止由于骤热或火灾的出现，使聚四氟乙烯密封圈烧毁，发生较大泄漏，而助长火势，在球体与阀座间设置防火密封环，在密封圈烧毁时，在弹簧力作用下，将阀座密封环迅速推向球体上，形成金属与金属密封，起到一定程度的密封效果。耐火试验符合API 6FA和API 607标准要求。

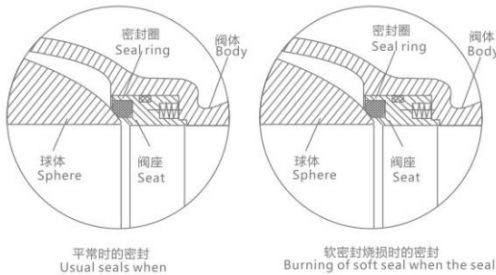
3、 Fire structure (see Figure 2): In order to prevent the sudden appearance of heat or fire to burn PTFE seals, large leak occurred, and contribute to the fire, the fire ball and set the seal ring between the valve seat, in the ring when burned, under the action of the spring force will quickly push the ball valve seat seal ring, the formation of metal to metal seal, play a certain degree of sealing effect. The fireproof experiment conforms to API 6FA and the API 607 standard requests.

4、自动泄压功能（见图3）：当阀门中腔停滞的介质压力异常升高超过弹簧的预紧力时，阀座后退脱离球体，达到自动泄压的效果，卸压后阀座自动复位。

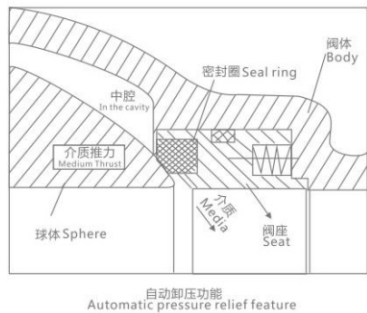
4、 Automatic pressure relief function (see Figure 3): When the valve is in a stagnant medium pressure in the cavity increased over the spring preload, the seat back from the ball, to the effect of automatic pressure relief, pressure relief valve seat after automatically reset.



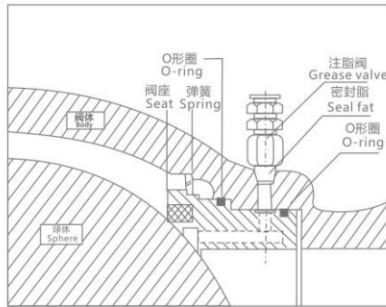
图一 Figure 1



图二 Figure 2



图三 Figure 3



图四 Figure 4

Q47F/Y/H型固定式球阀

Q47F/Y/H Fixed Ball Valve

执行标准 Implementation of standards

- 1、设计和制造 Design and manufacture : GB/T 12237-1989; API 608
- 2、检验和试验 Inspection and test : GB/T 13927-1992; API 598
- 3、法兰连接 Flange connection : JB/T 79.1 ~ 2-1994; ASME/ANSI B 16.5
- 4、结构长度 Structure length : GB/T 12221-1989; ASME/ANSI B 16.10

性能规范 Performance Specifications

试验压力 Test pressure		单位 Unit : MPa		
公称压力 PN	常温最大工作压力 Max temperature Working pressure	壳体试验压力 Case Test pressure	气密封试验压力 Gas Seals test pressure	高压密封试验压力 High-pressure sealing Test pressure
1.6	1.6	2.4	0.6	1.76
2.5	2.5	3.8	0.6	2.75
4.0	4.0	6.0	0.6	4.4
6.4	6.4	9.6	0.6	7.1
Class 150	2.0	3.0	0.6	2.2
Class 300	5.0	7.5	0.6	5.5

使用范围 Terms of Use

壳体材料 Shell material	阀座材料 Seat material	适用温度 Applicable temperature	适用介质 Applicable media
碳钢 C型 Carbon Steel C	聚四氟乙烯 PTFE	≤150℃	水、蒸汽、油品等 Water, steam, oil, etc.
	对位聚苯 Counterpoint polystyrene	≤250℃	
铬镍钛钢 P型 Chrome P-type nickel-titanium steel	聚四氟乙烯 PTFE	≤150℃	硝酸类 Nitric acid
	对位聚苯 Counterpoint polystyrene	≤200℃	
铬镍钛钢 R型 Chrome-nickel steel R-Mo Ti	聚四氟乙烯 PTFE	≤150℃	醋酸类 Acetic acid
	对位聚苯 Counterpoint polystyrene	≤200℃	

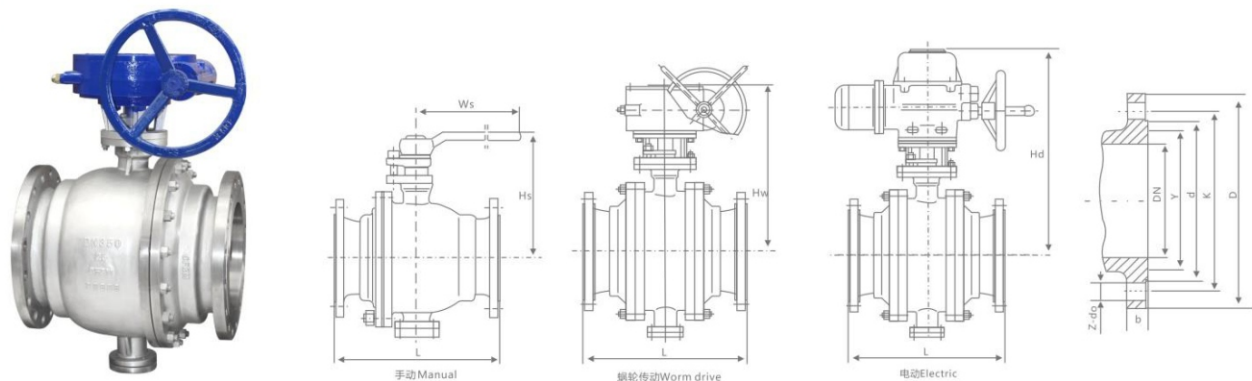
主要零件材料 Main components material

阀体、阀盖 Body, bonnet	GB	WCB	ZG0Cr18Ni9	ZG0Cr17Ni12Mo2
	ASTM	WCB	CF8	CF8M
球体 Ball body	GB	2Cr13	0Cr18Ni9	0Cr17Ni12Mo2
	ASTM	420	304	316
阀杆 Stem	GB	2Cr13	0Cr18Ni9	1Cr18Ni12Mo2Ti
	ASTM	420	304	316
阀座 Seat	GB	2Cr13/PTFE	0Cr18Ni9/PTFE	0Cr17Ni12Mo2/PTFE
	ASTM	420/PTFE	304/PTFE	316/PTFE
填料 Packing	GB	PTFE	PTFE	PTFE
	ASTM	PTFE	PTFE	PTFE
螺栓 Bolt	GB	35	0Cr18Ni9	0Cr18Ni9
	ASTM	A193 B7	A320-B8	A320-B8
螺母 Nut	GB	45	0Cr18Ni9	0Cr18Ni9
	ASTM	A194 2H	A190-8	A194-8



Q47F/Y/H型固定金属密封球阀(国标)

Q47F/Y/H type fixed metal seal ball valve(GB)



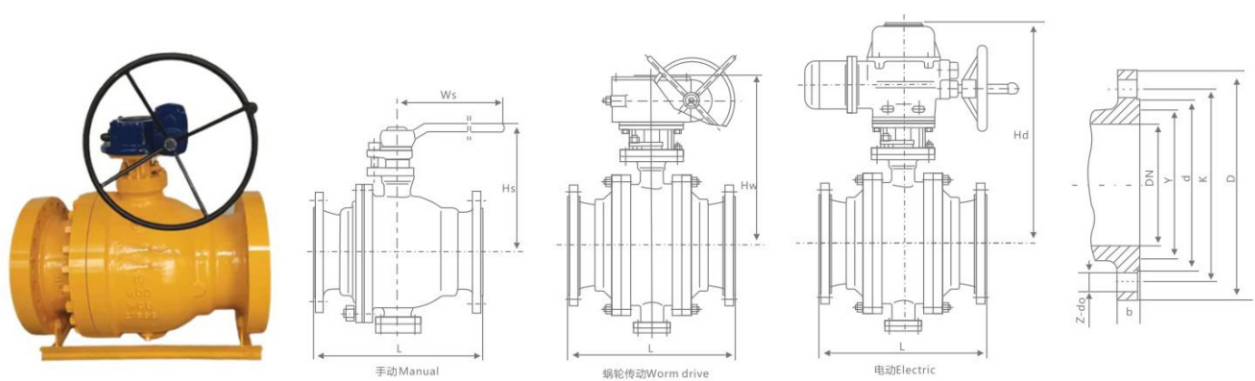
主要连接尺寸 Main connection dimensions (PN6.4/10.0 MPa)

型号 Type	公称通径 DN(mm)	L		D	D1	D2	D6	b	f	f1	Z-d
		系列1 (Series)	系列2 (Series)								
Q47F/Y-64	25	261		135	100	78	58	22	2	4	4-18
	32	229		150	110	82	66	24	2	4	4-23
	40	241		135	125	95	76	24	3	4	4-23
	50	292		175	135	105	88	26	3	4	4-23
	65	330		200	160	130	110	28	3	4	8-23
	80	356		210	170	140	121	30	3	4	8-23
	100	432		250	200	168	150	32	3	4.5	8-25
	150	660		340	280	240	204	38	3	4.5	8-30
	200	787		405	345	300	260	44	3	4.5	12-34
	250	838		470	400	352	313	48	3	4.5	12-41
	300	889		530	460	412	364	54	4	4.5	16-41
	350	991		595	525	475	422	60	4	4	16-41
	400	1092		670	585	525	474	66	4	5	16-48
	500	1194		800	705	640	576	70	4	5	20-54
	600	1397		930	820	750	678	76	5	6	20-58



Q47F/Y/H型固定金属密封球阀(美标)

Q47F/Y/H type fixed metal seal ball valve (API)



主要连接尺寸 Main connection dimensions

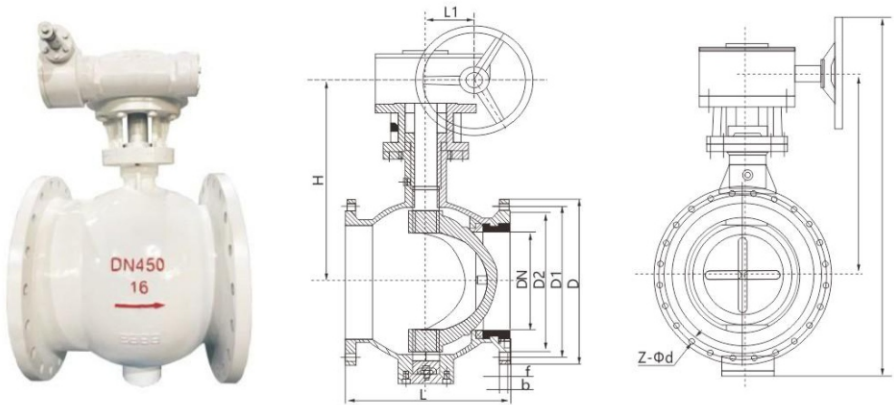
公称压力 PN(MPa)	公称通径 DN(mm)	尺寸Size (mm)										
		L	D	K	d	Y	b	Z-do	Ws	Hs	Hw	Hd
Class 150	2"	178	152	120.7	92	-	14.3	4-19	260	155	-	-
	2 1/2"	190	178	139.7	105	-	15.9	4-19	350	185	-	-
	3"	203	190	152.4	127	-	17.5	4-19	500	205	-	-
	4"	229	229	190.5	157	-	22.3	8-19	650	255	390	500
	5"	356	254	215.9	186	-	22.3	8-22.5	800	285	410	520
	6"	394	279	241.3	216	-	23.9	8-22.5	1000	305	470	540
	8"	457	343	298.5	270	-	27.0	8-22.5	-	-	520	580
	10"	533	406	362	324	-	28.6	12-25.5	-	-	610	640
	12"	610	483	431.8	381	-	30.2	12-25.5	-	-	650	690
	14"	686	533	476.3	413	-	33.4	12-28.5	-	-	740	785
	16"	762	597	539.8	470	-	35.0	16-28.5	-	-	795	830
	18"	864	635	577.9	533	-	38.1	16-32	-	-	860	910
	20"	914	699	635.0	584	-	41.3	20-32	-	-	945	990
	24"	1067	813	749.3	692	-	46.1	20-35	-	-	1040	1090
Class 300	28"	1245	927	864	800	-	71	28-35	-	-	1150	1210
	32"	1372	1060	978	914	-	81	28-41	-	-	1280	1340
	2"	216	165	127	92	-	20.7	8-19	260	155	-	-
	2 1/2"	241	190	149.2	105	-	23.9	8-22.5	350	185	-	-
	3"	282	210	168.3	127	-	27.0	8-22.5	500	205	-	-
	4"	305	254	200	157	-	30.2	8-22.5	800	270	410	530
	5"	381	279	235	186	-	33.4	8-22.5	1000	305	470	560
	6"	403	318	269.9	216	-	35.0	12-22.5	1200	340	485	590
	8"	502	381	330.2	270	-	39.7	12-25.5	-	-	5809	640
	10"	568	445	387.4	324	-	46.1	16-28.5	-	-	665	680
	12"	648	521	450.8	381	-	49.3	16-32	-	-	760	810
	14"	762	584	514.4	413	-	52.4	20-32	-	-	820	890
	16"	838	648	571.5	470	-	55.6	20-35	-	-	860	940
	18"	914	711	628.5	533	-	58.8	24-35	-	-	930	1010
Class 600	20"	991	775	685.8	584	-	62.0	24-35	-	-	980	1130
	2"	292	165	127	108	-	25.4	8-19	350	175	-	-
	2 1/2"	330	190	149.2	127	-	28.6	8-22.5	500	200	-	-
	3"	356	210	168.3	146	-	31.8	8-22.5	650	235	-	-
	4"	432	273	215.9	175	-	38.1	8-25.5	1000	275	395	550
	5"	508	330	266.7	210	-	44.5	8-28.5	1200	325	430	580
	6"	559	356	292.1	241	-	47.7	12-28.5	-	-	495	620
	8"	660	419	349.2	302	-	55.6	12-32	-	-	595	680
	10"	787	508	431.8	356	-	63.5	16-35	-	-	680	740
	12"	838	559	489.0	413	-	66.7	20-35	-	-	790	850



侧装式偏心半球阀

Side mounted eccentric hemispherical valve

PBQ³₉640^F_H^Y



产品概述

- 1、PBQ340侧装式偏心半球阀是在消化吸收德国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-契紧原理,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。
- 2、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。
- 3、密封严密,输送有害气体可达零泄漏。
- 4、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。

产品的主要用途及特点

- 1、通用阀适用于污水处理、纸浆、城市采暖供热等要求严紧的场合。
- 2、油化式工专用阀适用于原油、重油等各类油品、化工行业弱腐蚀、二相混流介质,耐温可425℃。
- 3、燃气专用阀适用于煤气、天然气、液化气的输送控制。产品结构特点是密封副堆焊不同的含铬不锈钢,密封严密、抗腐蚀。
- 4、料浆专用适用于液态、固态两相混流或液态输送中化学反应有结晶析出或结垢的工业管道输送。产品结构特点根据顾客需求介质、温度要求不同,密封副堆焊阀芯用铬钼钒合金堆焊,阀座采用铬钼合金、铬合金、不锈钢合金焊条堆焊,满足不同料浆输送的需要。
- 5、煤粉灰渣专用阀适用于电厂、水力除渣或气态输送管道的控制。产品要求耐磨性能,阀芯采用组合球式双金属,具有相当高的刚度并非常耐磨,阀座采用整体耐磨1号或全堆焊,且具有硬密封球阀的优点。

主要性能范围

公称压力		0.6	1.0	1.6	2.0	2.5	4.0	5.0	6.4	10
壳体试验压力		0.9	1.5	2.4	3.0	3.8	6.0	7.5	9.6	15
高压密封试验		0.66	1.1	1.8	2.0	2.8	4.4	5.5	7.1	11
适用介质 及温度℃	PBQ40Fm型	水、蒸汽、纸浆等溶液								
	PBQ40Y型	天然气、煤气、液化气、原油、重油								
	PBQ40Ym型	溶液、矿浆、氧化铝粉、煤粉、 煤灰、含尘气体、废渣等								
驱动方式		蜗轮、气动、电动、气液联动								

主要零件材质及代号

零件名称	PBQ40FM型	PBQ40Y型	PBQ40Ym型
阀体	碳钢WCB 不锈钢CF8	碳钢WCB 不锈钢CF8	碳钢WCB 不锈钢CF8
阀杆	2Cr13/304	2Cr13/304	2cr13/304
阀芯密封副	WCB/CF8+Cr	WCB/CF8 +硬化合金钢	特种硬化合金钢 JK117/17C0合金
阀座密封副	PTFE/Molon	WCB/CF8 +硬化合金钢	特种硬化合金钢 JK117/17C0合金

- 说明:
- 1、产品法兰连接尺寸按GB9113.1-2000, ASME/ANSI 16.5规定的突面法兰;
 - 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。



侧装式偏心半球阀

Side mounted eccentric hemispherical valve

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

单位Unit:mm

公称压力 PN(MPa)	公称直径 DN(mm)	L	D	D1	D2	b	f	H	Z-Φd
0.6MPa	40	165	130	100	78	16	2	210	4-14
	50	178	140	110	88	16	2	230	4-14
	65	190	160	130	108	16	2	245	4-14
	80	203	190	150	124	18	2	265	4-18
	100	229	210	170	144	18	2	310	4-18
	125	254	240	200	175	18	2	350	8-18
	150	267	265	225	199	20	2	395	8-18
	200	292	320	280	254	22	2	435	8-18
	250	330	375	335	309	24	2	480	12-18
	300	356	440	395	363	24	2	550	12-22
	350	430	490	445	413	26	2	620	12-22
	400	530	540	495	463	28	2	670	16-22
	450	580	595	550	518	28	2	700	16-22
	500	660	645	600	568	30	2	760	20-22
	600	680	755	705	667	30	2	850	20-26
	700	900	860	810	775	32	3	920	24-26
	800	1000	975	920	880	32	5	1100	24-30
	900	1100	1075	1020	980	34	5	1300	24-30
1.0MPa	1000	1200	1175	1120	1080	36	5	1600	28-30
	1200	1300	1405	1340	1295	40	5	1950	32-33
	1400	1500	1630	1560	1510	48	5	1540	36-36
	1600	1800	1830	1760	1710	52	5	1660	40-36
	1800	2100	2045	1970	1920	56	5	1790	44-39
	40	165	145	110	84	18	2	210	4-18
	50	178	160	125	99	20	2	230	4-18
	65	190	180	145	118	20	2	245	4-18
	80	203	195	160	132	20	2	265	8-18
	100	229	215	180	156	22	2	310	8-18
	125	254	245	210	184	22	2	350	8-18
	150	267	280	240	211	24	2	395	8-18
	200	292	335	295	266	24	2	435	8-18
	250	330	395	350	319	26	2	480	12-22
	300	356	445	400	370	26	2	550	12-22
	350	430	505	460	429	26	2	620	16-22
	400	530	565	515	480	26	2	670	16-26
	450	580	615	565	530	28	2	700	20-26
	500	660	670	620	582	28	2	760	20-26
	600	680	780	725	682	32	2	850	20-30
	700	900	895	840	800	34	3	920	24-30
	800	1000	1015	950	905	36	5	1100	24-33
	900	1100	1115	1050	1005	38	5	1300	28-33
	1000	1200	1230	1160	1110	38	5	1600	28-36
	1200	1300	1455	1380	1330	44	5	1950	32-39
	1400	1500	1675	1590	1530	48	5	1540	36-42
	1600	1800	1915	1820	1750	52	5	1660	40-48
	1800	2100	2115	2020	1950	56	5	1790	44-48

侧装式偏心半球阀

Side mounted eccentric hemispherical valve

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

单位Unit:mm

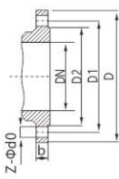
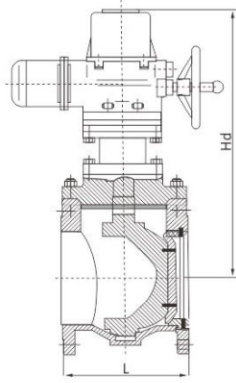
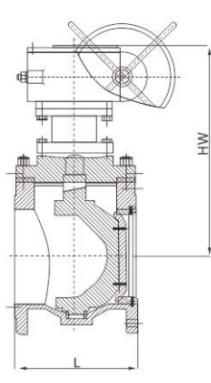
公称压力 PN(MPa)	公称直径 DN(mm)	L	D	D1	D2	b	f	H	Z-Φd
1.6MPa	40	165	145	110	84	18	2	210	4-18
	50	178	160	125	99	20	2	230	4-18
	65	190	180	145	118	20	2	245	4-18
	80	203	195	160	132	20	2	265	8-18
	100	229	216	180	156	22	2	310	8-18
	125	254	245	210	184	22	2	350	8-18
	150	267	280	240	211	24	2	395	8-22
	200	292	335	295	266	26	2	435	12-22
	250	330	405	355	319	28	2	480	12-26
	300	356	460	410	370	30	2	550	12-26
	350	430	520	470	429	32	2	620	16-26
	400	530	580	525	480	34	2	670	16-30
	450	580	640	585	548	36	2	700	20-30
	500	660	715	650	609	36	2	760	20-33
	600	680	840	770	720	38	2	850	20-36
	700	900	910	840	788	40	3	920	24-36
	800	1000	1025	950	901	42	5	1100	24-39
	900	1100	1125	1050	998	44	5	1300	28-39
	1000	1200	1255	1170	1110	46	5	1600	28-42
	1200	1300	1485	1390	1325	52	5	1950	32-48
2.5MPa	1400	1500	1685	1590	1525	58	5	1540	36-48
	1600	1800	1930	1820	1750	64	5	1660	40-55
	1800	2100	2130	2020	1950	68	5	1790	44-55
	50	178	165	125	99	22	2	230	4-18
	65	190	185	145	118	22	2	245	8-18
	80	203	200	160	132	24	2	265	8-18
	100	229	235	190	156	26	2	310	8-22
	125	254	270	220	184	26	2	350	8-26
	150	267	300	250	211	28	2	395	8-26
	200	292	360	310	274	30	2	435	12-26
	250	330	425	370	330	32	2	480	12-30
	300	356	485	430	389	34	2	550	16-30
	350	430	555	490	448	38	2	620	16-33
	400	530	620	550	503	40	2	670	16-36
	450	580	670	600	548	44	2	700	20-36
	500	660	730	660	609	48	2	760	20-36
	600	680	845	770	720	48	2	850	20-39
	700	900	960	875	820	50	2	920	24-42
	800	1000	1085	990	928	54	3	1100	24-48
	900	1100	1185	1090	1025	58	5	1300	24-48
	1000	1200	1320	1210	1140	62	5	1600	28-55
	1200	1300	1530	1420	1350	70	5	1950	32-55
	1400	1500	1755	1640	1560	76	5	1540	36-60
	1600	1800	1975	1860	1780	84	5	1660	40-60
	1800	2100	2195	2070	1985	90	5	1790	44-68



上装式偏心半球阀

Top mounted eccentric hemispherical valve

DYQ³₆40^F₉H^Y



产品概述

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。本阀的最大特点是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。

主要特点

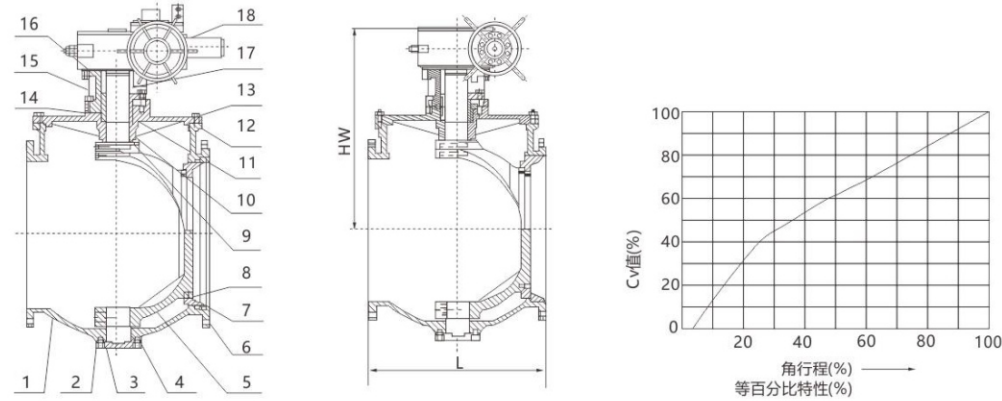
- 1、压力损失小:全开时流道完全畅通:内腔自动清洗,阀芯90度旋转,自动冲洗阀体内腔,将介质中的杂物清洗干净并且介质不会沉积在阀腔内。球体为半球形,流道具有最高的Cv值,增强了泵的系统效率,并使磨蚀降为最低程度。
- 2、耐颗粒磨损:利用双偏心的原理,在关闭过程中,只在最后一刻球冠才靠向阀座,而不形成摩擦;且阀座上的密封环堆焊耐磨自润滑合金,不易磨损,不易被冲刷;刀形球口的球冠与阀座之间具有擦拭清扫和剪切作用,不易结垢。
- 3、自动补偿密封可靠:正压时,利用偏心的原理,球体与阀座越关越紧,从而得到良好的密封;反压时,浮动式阀座在受压作用下,阀座自动向球体推紧,压力越高,阀座向球体越推越紧,从而得到良好的密封,可保持持久的紧密封,能适应苛刻的工况。在长期的使用下,阀座密封如有磨损或损伤,在弹簧作用下阀座自动向球体推紧,从而得到良好的自动补偿功能。
- 4、适合高流速介质:因球体隐藏在阀腔的侧而形成直通流道流阻小,坚固的偏心固定曲轴,在高流速的介质中无振动、无噪音。
- 5、寿命长开关轻松:无易损部件,由于偏心的作用,阀门启闭过程中球体与阀座的密封面完全脱离,使阀座表面与球冠球面间无摩擦做无摩擦转动,有效地减少了操作力矩,操作轻巧,阀门的自动补偿功能,大大的提高了阀门的寿命。
- 6、维修方便:本阀上装式设计,球冠和支承体从阀门上部装入;检修时只需打开阀盖吊出球冠和支承体即可进行维修和密封环及其他配件,不必将整个阀门从管道上卸下来,这给地下管线,特别是原子能工业用球阀带来很大方便。
- 7、本阀门在维修作业的同时可以酌情保留管道中的介质,不会造成能源的浪费。这便免除了使用方许多前期辅助工作,使维修变得较为简便。
- 8、在一些特定的场合,本阀门在进行抢修期间可以不影响管道系统的正常运行,只要在取出球体组合件后,迅速封闭上口便可立即恢复管道的带压运行,使抢修阀门造成的效益损失降低到最小程度。

产品的主要用途

- 1、适用于清水,原水(含泥砂),污水,海水,蒸汽,油,氧化铝,城市采暖供热等要求严格的系统中。
- 2、软密封偏心半球阀适用温度-40摄氏度~200摄氏度,而硬密封偏心半球阀适用温度为常温至600摄氏度左右。
- 3、适用于水坝底部放空阀和控制阀(高流速状态),煤粉灰渣,适用于液态、固态两相混流或液态输送中化学反应有结晶析出或结垢的工业管道输送。产品结构特点根据顾客所需介质、温度要求不同,球冠采用铬钼、钒合金,阀座堆焊铬、钼合金、铬合金、不锈钢合金满足不同料浆输送的需要。
- 4、适用于泵输送系统的阀门,如加压系统,中央空调系统。
- 5、适用于自来水系统,煤气系统,天然气系统等地下管线。

上装式偏心半球阀

Top mounted eccentric hemispherical valve



执行标准

设计制造	检验和试验	法兰连接	结构长度
GB/T 12237-2007	GB/T 13927-2008	GB/T 9113.1、JB/T 79 HG20596、SH3406	GB/T 2004

主要性能范围

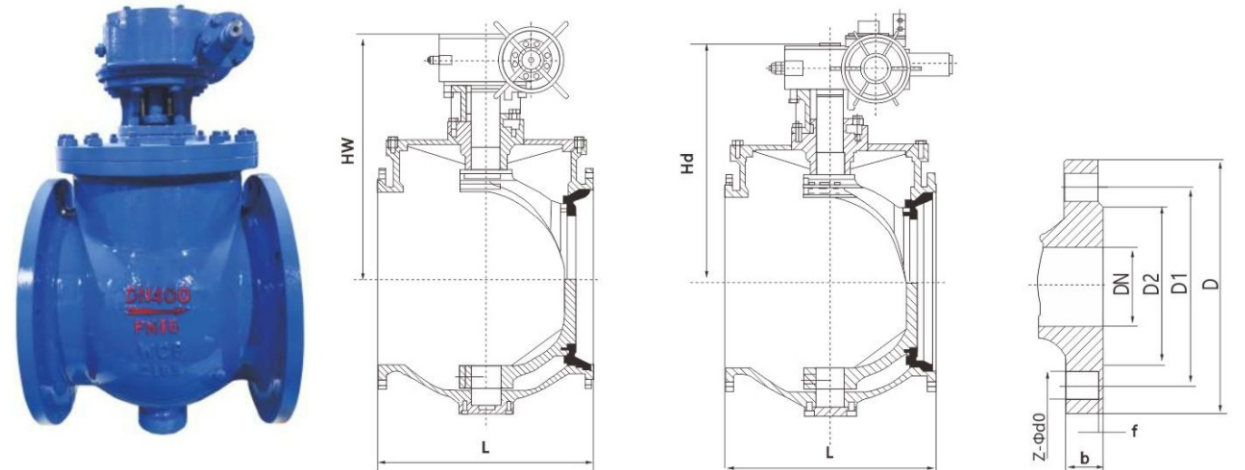
公称压力PN	1.0	1.6	2.5	4.0
常温最大工作压力(MPa)	1.0	1.6	2.5	4.0
壳体强度试验压力(MPa)	1.5	2.4	3.8	6.0
气密封试验压力(MPa)	0.6	0.6	0.6	0.6
高压密封试验压力(MPa)	1.1	1.76	2.75	4.4
适用温度(°C)	软密封:-40°C;200°C;硬密封:-29°C;600°C			
适用介质	天然气/水蒸汽/油品类/酸类/碱类/煤粉/煤灰/废渣/泥浆/含颗粒状/含纤维等各类介质			
传动形式	蜗轮传动、电动传动、气动传动、液动传动			

主要零件材料

名称	材质			
阀体	WCB	ZG1Cr18Ni9Ti	ZG0Cr18Ni12Mo2Ti	ZG15Cr1Mo1V
后盖	Q235A	1Cr18Ni9Ti	0Cr18Ni12Mo2Ti	25Cr1Mo1V
轴套	SF-1	Fb090	Fb316	Fb090
下阀杆	2Cr13	1Cr18Ni9Ti	0Cr18Ni12Mo2Ti	1Cr18Ni9Ti
球体	WCB	ZG1Cr18Ni9Ti	ZG0Cr18Ni12Mo2Ti	ZG15Cr1Mo1V
压板	Q235A	1Cr18Ni9Ti	0Cr18Ni12Mo2Ti	25Cr1Mo1V
阀座	Q235A+PTFE	1Cr18Ni9Ti/PTFE	0Cr18Ni12Mo2Ti	25Cr1Mo1V/PTFE
球冠	1Cr18Ni9Ti	1Cr18Ni9Ti特殊处理	1Cr18Ni9Ti特殊处理	1Cr18Ni9Ti特殊处理
轴套	特殊处理	Fb090	Fb316	Fb090
上阀杆	SF-1	1Cr18Ni9Ti	0Cr18Ni12Mo2Ti	1Cr18Ni9Ti
填料盘	2Cr13	ZG1Cr18Ni9Ti	ZG0Cr18Ni12Mo2Ti	ZG15Cr1Mo1V
阀盖	WCB	ZG1Cr18Ni9Ti	ZG0Cr18Ni12Mo2Ti	ZG15Cr1Mo1V
螺栓	WCB	0Cr18Ni9	0Cr18Ni9	15Cr1Mo1V
螺母	35	0Cr18Ni9	0Cr18Ni9	20CrMo
填料	35	柔性石墨	柔性石墨	柔性石墨
压盖	柔性石墨	ZG1Cr18Ni9Ti	ZG0Cr18Ni12Mo2Ti	ZG15Cr1Mo1VWCB
支架	WCB	WCB	WCB	WCB
电动头	组合件			

上装式偏心半球阀

Top mounted eccentric hemispherical valve



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

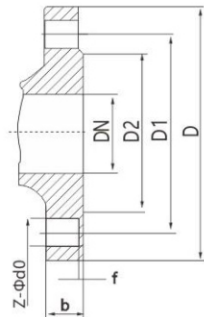
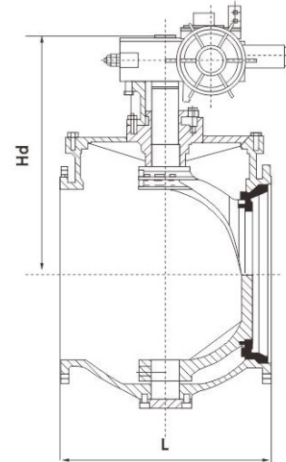
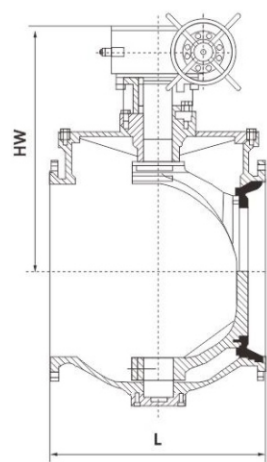
单位Unit:mm

公称压力 PN(MPa)	公称直径 DN(mm)	L	D	D1	D2	b	f	H	Z-Φd
0.6MPa	50	178	140	110	88	16	2	230	4-14
	65	190	160	130	108	16	2	245	4-14
	80	203	190	150	124	18	2	265	4-18
	100	229	210	170	144	18	2	310	4-18
	125	254	240	200	175	18	2	350	8-18
	150	267	265	225	199	20	2	395	8-18
	200	292	320	280	254	22	2	435	8-18
	250	330	375	335	309	24	2	480	12-18
	300	356	440	395	363	24	2	550	12-22
	350	430	490	445	413	26	2	620	12-22
	400	530	540	495	463	28	2	670	16-22
	450	580	595	550	518	28	2	700	16-22
	500	660	645	600	568	30	2	760	20-22
	600	680	755	705	667	30	2	850	20-26
	700	900	860	810	775	32	3	920	24-26
	800	1000	975	920	880	32	5	1100	24-30
	900	1100	1075	1020	980	34	5	1300	24-30
	1000	1200	1175	1120	1080	36	5	1600	28-30
	1200	1300	1405	1340	1295	40	5	1950	32-33
	1400	1500	1630	1560	1510	48	5	1540	36-36
	1600	1800	1830	1760	1710	52	5	1660	40-36
	1800	2100	2045	1970	1920	56	5	1790	44-39
	2000	2300	2265	2180	2125	60	5	1920	48-42



上装式偏心半球阀

Top mounted eccentric hemispherical valve



公称压力 PN(MPa)	公称直径 DN(mm)	L	D	D1	D2	b	f	Z-Φd0	Hw	Hd
1.0MPa	50	178	165	125	100	18	2	4-18	270	310
	65	190	180	145	120	18	2	4-18	280	320
	80	203	195	160	135	20	2	4-18	290	330
	100	229	220	180	156	22	2	8-18	330	380
	125	254	250	210	184	22	2	8-18	345	405
	150	267	285	240	211	24	2	8-22	370	440
	200	292	340	295	266	24	2	8-22	405	470
	250	330	395	350	319	26	2	12-22	480	540
	300	356	445	400	370	26	2	12-22	520	580
	350	430	505	460	429	26	2	16-22	570	630
	400	530	565	515	480	26	2	16-26	630	710
	450	580	615	565	530	28	2	20-26	690	770
	500	660	670	620	582	28	2	20-26	740	820
	600	800	780	725	682	32	2	20-30	840	940
	700	900	895	840	794	34	5	24-30	960	1040
	800	1000	1015	950	901	36	5	24-33	1080	1180
	900	1100	1115	1050	1001	38	5	28-33	1190	1280
	1000	1200	1230	1160	1112	38	5	28-36	1310	1420
	1100	1250	1340	1270	1222	42	5	28-36	1390	1480
	1200	1300	1455	1380	1328	44	5	32-39	1420	1530
1.6MPa	1400	1500	1675	1590	1530	48	5	36-42	1540	1650
	1600	1800	1915	1820	1750	52	5	40-48	1660	1750
	1800	2100	2115	2020	1950	56	5	44-48	1790	1860
	2000	2300	2325	2230	2150	60	5	48-48	1920	1990



上装式偏心半球阀

Top mounted eccentric hemispherical valve

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

单位Unit:mm

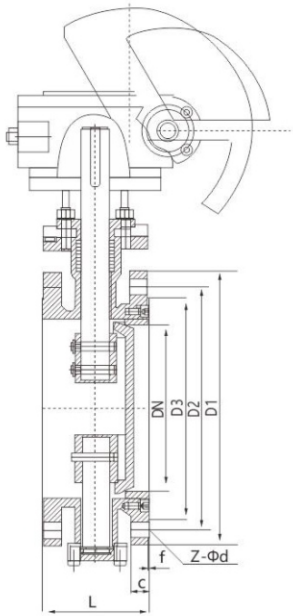
公称压力 PN(MPa)	公称直径 DN(mm)	L	D	D1	D2	b	f	Z-Φd0	Hw	Hd
1.6MPa	50	178	165	125	100	18	2	4-18	270	310
	65	190	180	145	120	18	2	4-18	280	320
	80	203	195	160	135	20	2	8-18	290	330
	100	229	220	180	156	22	2	8-18	330	380
	125	254	250	210	184	22	2	8-18	345	405
	150	267	285	240	211	24	2	8-22	370	440
	200	292	340	295	266	26	2	12-22	405	470
	250	330	405	355	319	28	2	12-26	480	540
	300	356	460	410	370	30	2	12-26	520	580
	350	430	520	470	429	32	2	16-26	570	630
	400	530	580	525	480	34	2	16-30	630	710
	450	580	640	585	548	36	2	20-30	690	770
	500	660	715	650	609	36	2	20-33	740	820
	600	800	840	770	720	38	2	20-36	840	940
	700	900	910	840	794	40	5	24-36	960	1040
	800	1000	1025	950	901	42	5	24-39	1080	1180
	900	1100	1125	1050	1001	44	5	28-39	1190	1280
	1000	1200	1255	1170	1112	46	5	28-42	1310	1420
	1100	1250	1370	1290	1222	48	5	28-42	1390	1480
	1200	1300	1480	1390	1328	52	5	32-48	1420	1530
2.5MPa	1400	1500	1685	1590	1530	58	5	36-48	1540	1650
	1600	1800	1930	1820	1750	64	5	40-55	1660	1750
	1800	2100	2130	2020	1950	68	5	44-55	1790	1860
	2000	2300	2345	2230	2150	70	5	48-60	1920	1990
	50	178	165	125	100	22	2	4-18	270	310
	65	190	180	145	120	22	2	4-18	280	320
	80	203	195	160	135	24	2	4-18	290	330
	100	229	235	190	156	26	2	8-22	330	380
	125	254	270	220	184	26	2	8-26	345	405
	150	267	300	250	211	28	2	8-26	370	440
	200	292	360	310	274	30	2	12-26	405	470
	250	330	425	370	330	32	2	12-30	480	540
	300	356	485	430	389	34	2	16-30	520	580
	350	430	555	490	448	38	2	16-33	570	630
	400	530	620	550	503	40	2	16-36	630	710
	450	580	670	600	548	44	2	20-36	690	770
	500	660	730	660	609	48	2	20-36	740	820
	600	800	845	770	720	48	2	20-39	840	940
	700	900	960	875	820	50	5	24-42	960	1040
	800	1000	1085	990	928	54	5	24-48	1080	1180
	900	1100	1185	1090	1028	58	5	28-48	1190	1280
2.5MPa	1000	1200	1320	1210	1140	62	5	28-55	1310	1420
	1100	1250	1425	1315	1245	65	5	28-55	1390	1480
	1200	1300	1530	1420	1350	70	5	32-55	1420	1530
	1400	1500	1755	1640	1560	76	5	36-60	1540	1650
	1600	1800	1975	1860	1780	84	5	40-60	1660	1750
	1800	2100	2195	2070	1985	90	5	44-68	1790	1860
	2000	2300	2425	2300	2210	96	5	48-68	1920	1990



双向流硬碰硬旋球阀

Bidirectional flow hard impact rotary ball valve

QWXDF 3 6 204Y 9



产品概述

双向流硬碰硬旋球阀---是结合球阀的优越密封性能与蝶阀的优势结构研发而成，其拥有固定球阀优越的双向承压、可在含细微颗粒的液体管道使用等，具备使用温度高、寿命长等实用优势。其实质为蝶阀和信心半球阀结构功能的结合，安装优越于半球阀和固定球阀。密封原理结合了固定球阀的前端密封与偏心蝶阀的强制密封,从而实现了管道内高低双向切断。

在水泵停止运转,管道出水压力高于进水压力的情况下,使用旋球阀能够有效的阻止回水倒流,这也是蝶阀和半球阀不具备的功能。旋球阀在正副两个密封面上可根据不同的硬度需要运用超音速等离子喷涂、真空保护渗堆等先进工艺形成马氏体不锈钢、奥氏不锈钢、硬质合金等梯度功能材料。该阀以其优越的性价比,必将引起管网阀门的变革,它使得普通管网特别是水系统管网也能以中低档价格享受火电、燃气等高端系统同等的高性能、高品质产品成为现实!

主要特点

- 1、启闭方便迅速、省力、流体阻力小,可双向承压。
- 2、结构简单,外形尺寸小,结构长度短,体积小重量轻,适用于大口径的阀门。
- 3、密封严密,双偏心金属硬密封,结垢不影响启闭。
- 4、正常启闭时密封面无摩擦。
- 5、使用寿命长,密封面耐磨,具有补偿功能。

执行标准

设计制造	检验和试验	法兰连接	结构长度
GB/T 12237-2007	GB/T 13927-2008	GB/T 9113.1-2000	GB/T 12221-2005

主要性能范围

公称通径	DN	DN50mm-2000mm				
公称压力	PN	6	10	16	25	40
壳体试验压力	MPa	0.9	1.5	2.4	3.75	6
正向密封试验压力	MPa	0.66	1.1	1.76	2.75	4.4
正向密封试验压力	MPa	0.66	1.1	1.76	2.75	4.4
工作温度	°C	80、120、150、200、300(要在订货合同中注明)				
工作介质		水、蒸汽、油品等				

主要零件材料

名称	材料	标准
阀体	WCB+D507 304 316L+STL	GB/T12229-2005通用阀门碳素钢铸件技术条件 GB/T12230-2005通用阀门不锈钢铸件技术条件 GB/T984-2001堆焊焊条
阀板	WCB+D507 304 316L+STL	
阀杆	20Cr13、304、316L	GB/T1220-2007不锈钢棒
压盖	ZG12Cr13、304	GB/T12230-2005通用阀门不锈钢铸件技术条件
填料	RSF	JBT6617-1993阀门用柔性石墨填料环技术条件
端盖	Q235、304、316L	GB/T3274-2007碳素结构钢和低合金结构钢热轧厚钢板和钢带
轴承	06Cr19Ni10渗N	GB/T20878-2007 不锈钢和耐热钢牌号及化学成分 GB/T18177-2000 钢件的气体渗氮

表述材料为基本产品的材料,可根据用户要求使用各种不同的材料如QT450、2205、Monel、Inconel、德银等。



双向流硬碰硬旋球阀

Bidirectional flow hard impact rotary ball valve

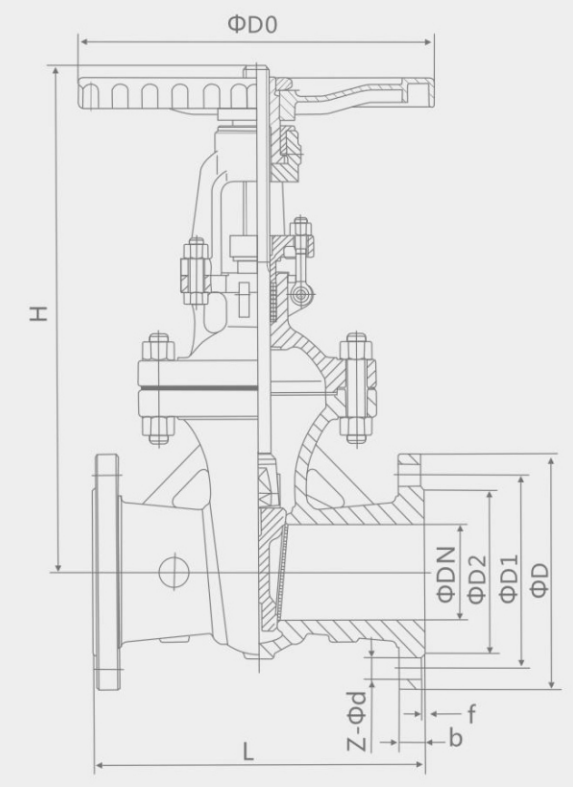
主要外形和连接尺寸 Main external and connection dimension

单位Unit:mm

公称压力 PN(MPa)	公称直径 DN(mm)	L		D1	D2	D3	C	f	Z-Φd	Z-M
		短 Short	长 Long							
1.6MPa	50	108	150	165	125	99	20	2	4-18	4-16
	65	112	170	185	145	118	20	2	4-18	4-16
	80	114	180	200	160	132	20	2	8-18	8-16
	100	127	190	220	180	156	22	2	8-18	8-16
	125	140	200	250	210	184	22	2	8-18	8-16
	150	140	210	285	240	211	24	2	8-22	8-20
	200	152	230	340	295	266	24	2	8-22	8-20
	250	165	250	395	350	319	26	2	12-22	12-20
	300	178	270	445	400	370	26	2	12-22	12-20
	350	190	290	505	460	429	26	2	12-26	12-24
	400	216	310	565	515	480	26	2	16-26	16-24
	450	222	330	615	565	530	28	2	20-26	20-24
	500	229	350	670	627	582	28	2	20-26	20-24
	600	267	390	780	725	682	34	2	20-30	20-27
	700	292	430	895	840	794	34	5	24-30	24-27
	800	318	470	1015	950	901	36	5	24-33	24-30
	900	330	510	1115	1050	1001	38	5	28-33	28-30
	1000	410	550	1230	1160	1112	38	5	28-36	28-30
2.5MPa	1200	470	630	1455	1380	1328	44	5	32-39	32-36
	1400	530	710	1675	1590	1530	48	5	36-42	36-39
	1600	600	790	1915	1820	1750	52	5	40-48	40-45
	1800	670	870	2115	2020	1950	56	5	44-48	44-45
	50	108	150	165	125	99	20	2	4-18	4-16
	65	112	170	185	145	118	20	2	4-18	4-16
	80	114	180	200	160	132	20	2	8-18	8-16
	100	127	190	220	180	156	22	2	8-18	8-16
	125	140	200	250	210	184	22	2	8-18	8-16
	150	140	210	285	240	211	24	2	8-22	8-20
	200	152	230	340	295	266	24	2	12-22	12-20
	250	165	250	405	355	319	26	2	12-26	12-24
	300	178	270	460	410	370	28	2	12-26	12-24
	350	190	290	520	470	429	30	2	16-26	16-24
	400	216	310	580	525	480	32	2	16-30	16-27
	450	222	330	640	585	530	40	2	20-30	20-27
	500	229	350	715	650	582	44	2	20-30	20-30
	600	267	390	840	770	682	48	2	20-36	20-33
	700	292	430	910	840	794	48	5	24-36	24-33
	800	318	470	1025	950	901	50	5	24-39	24-36
	900	330	510	1125	1050	1001	50	5	28-39	28-36
	1000	410	550	1255	1170	1112	52	5	28-42	28-39
	1200	470	630	1485	1390	1328	52	5	32-48	32-45
	1400	530	710	1685	1590	1530	58	5	36-48	36-45
	1600	600	790	1930	1820	1750	64	5	40-55	40-52
	1800	670	870	2130	2020	1950	68	5	44-55	44-52



GATE VALVE SERIES 闸阀系列



国标闸阀 GB gate valve

- ### 结构优势与特点Structural advantages and characteristics
- 1、符合国内外先进标准的要求，密封可靠，性能优良，造型美观。
 - 2、闸板、阀座密封面用铁基金属堆焊或司太立（stellite）钴基硬质合金堆焊而成，耐磨、耐高温、耐腐蚀、抗擦伤性能好、使用寿命长。
 - 3、采用楔式弹性闸板结构，中大口径设置滚动轴承，开关灵活，启闭轻松。
 - 4、阀杆经调质及表面氮化处理，有良好的抗腐蚀性，抗擦伤性和耐磨性。
 - 5、可采用各种配管法兰标准及法兰密封面型式，满足各种工程需要及用户要求。
 - 6、阀体材料品种齐全，填料、垫片可根据实际工况或用户要求合理选配，能适用于各种压力、温度及介质工况。
- 1、Meets the domestic and foreign advanced standard requirement, the seal is reliable, the performance is fine, handsome appearance.
- 2、The damper plate, the valve seat packing surface is too vertical (stellite) with the iron-base alloy built-up welding or the department the cobalt base hard alloy built-up welding to become, wear-resisting, thermostable, anti-corrosive, the anti-abrasion performance is good, the service life is long.
- 3、Using wedge-type flexible gate structure, medium and large caliber set bearings, switches flexible, open and close easily.
- 4、Stem quenched and the nitrogen treatment, with good corrosion resistance, scratch resistance and wear resistance.
- 5、Can be used with a variety of standard pipe flanges and flange sealing surface types to meet various project needs and user requirements.
- 6、Valve body materials, variety, packing, gasket can be based on actual working conditions or the user requests a reasonable option, can be applied to all kinds of pressure, temperature and medium conditions.

标准与规范 Standards and norms

设计与制造 Design and Manufacture	结构长度 Structure Length	压力-温度等级 Pressure-temperature rating	连接法兰 Connection flange	试验与检验 Test and Inspection
GB 12234	GB 12221	GB/T 12224	JB/T 79.1-2-94 GB 9113-2009 HG 20592 ~ 20635	JB/T 9092-1999 GB 13927-2005

性能参数 Performance parameter

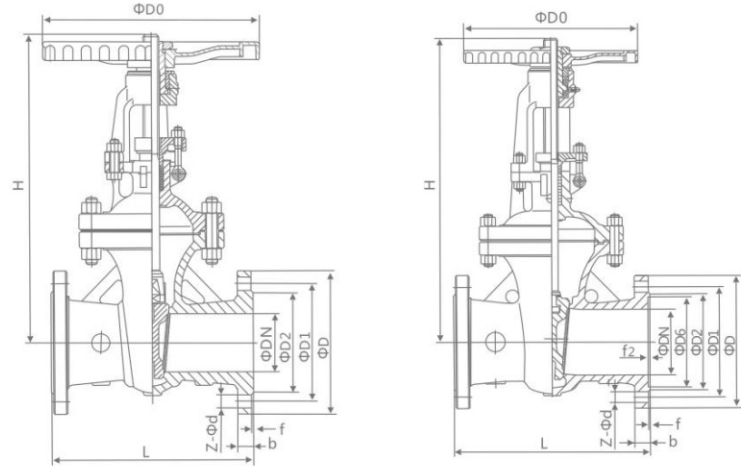
序号	项目名称	项目名称					
		PN16	PN25	PN40	PN64	PN100	PN160
1	公称压力PN(MPa)	1.6	2.5	4.0	6.4	10	16
2	壳体强度试验压力 Shell strength test pressure(MPa)	常温下公称压力的1.5倍 1.5 Times the nominal pressure at room temperature					
3	高压密封试验压力 High-pressure sealing Test pressure(MPa)	常温下公称压力的1.1倍 1.1Times the nominal pressure at room temperature					
4	常温下工作压力Operating pressure at room temperature(MPa)	按GB/T 12224 压力温度额定值 According to GB/T 12224 pressure temperature rating					

主要零件材料Main components material									
名称 Name	材料 Material								
阀体/阀盖 Body/Bonnet	CF8	CF3	CF8M	CF3M	WCB	LCB	WC6	WC9	C5
闸板 Wedge	CF8	CF3	CF8M	CF3M	WCB	LCB	WC6	WC9	C5
阀杆 Stem	F304	F304L	F316	F316L	2CR13	F304	F304	F304	F304
阀杆螺母 Stem Nut	铝青铜 Aluminium Bronze								
填料 Packing	PTFE/柔性石墨				石墨 Graphite				
垫片 Gasket	PTFE/金属缠绕垫				石墨 Graphite				
压盖 Gland	CF8	CF3	CF8M	CF3M	WCB	LCB	WC6	WC9	C5
螺栓 Bolt	不锈钢 Stainless Steel				35CrMoA				
螺母 Nut	不锈钢 Stainless Steel				45、35CrMoA				
手轮 Handwheel	铸钢 Cast Steel								

国标闸阀

GB gate valve

Z41W-10
16
25C、I、P、R
40
63



主要外形尺寸及连接尺寸Main external and connection dimension

JB/T82.1-1994
JB/T79.1-1994

公称压力 PN(MPa)	公称通径 DN(mm)	尺寸Size(mm)								重量 (kg)
		L	D	D1	D2	b-f	Z-Φd	H	D0	
1.0	15	130	95	65	45	12-2	4-Φ14	160	100	-
	20	150	105	75	55	14-2	4-Φ14	165	100	-
	25	160	115	85	65	14-2	4-Φ14	200	125	-
	32	180	135	100	78	16-2	4-Φ18	240	125	-
	40	165	145	110	85	16-3	4-Φ18	245	135	-
	50	180	160	125	100	16-3	4-Φ18	286	180	-
	65	195	180	145	120	18-3	4-Φ18	320	180	-
	80	210	195	160	135	18-3	4-Φ18	373	200	-
	100	230	215	180	155	20-3	8-Φ18	428	200	-
	125	255	245	210	185	22-3	8-Φ18	513	240	-
	150	280	280	240	210	22-3	8-Φ23	582	240	-
	200	330	335	295	265	22-3	8-Φ23	730	320	-
	250	380	390	350	320	24-3	12-Φ23	897	320	-
	300	420	440	400	368	26-4	12-Φ23	1032	400	-
	350	450	500	460	428	26-4	16-Φ23	1170	400	-
	400	480	565	515	482	26-4	16-Φ25	1330	500	-
	450	510	615	565	532	26-4	20-Φ25	1460	500	-
	500	540	670	620	585	28-4	20-Φ25	1650	500	-
	600	600	780	725	685	28-5	20-Φ30	183	600	-
	700	660	895	840	800	30-5	24-Φ30	2120	700	-
1.6	800	730	1010	950	905	32-5	24-Φ34	2420	800	-
	900	800	1110	1050	1005	34-5	28-Φ34	2750	850	-
	1000	850	1220	1160	1115	34-5	28-Φ34	3130	900	-
	15	130	95	65	45	14-2	4-Φ14	170	120	-
	20	150	105	75	55	14-2	4-Φ14	190	140	-
	25	160	115	85	65	14-2	4-Φ14	205	160	-
	32	180	135	100	78	16-2	4-Φ18	270	180	-
	40	200	145	110	85	16-3	4-Φ18	290	200	-
	50	250	160	125	100	16-3	4-Φ18	310	240	-
	65	265	180	145	120	18-3	4-Φ18	373	240	-
	80	280	195	160	135	20-3	8-Φ18	435	280	-
	100	300	215	180	155	20-3	8-Φ18	445	300	-
	125	325	245	210	185	22-3	8-Φ18	570	320	-
	150	350	280	240	210	24-3	8-Φ23	630	360	-
	200	400	335	295	265	26-3	12-Φ23	735	400	-
	250	450	405	355	320	30-3	12-Φ25	969	450	-
	300	500	460	410	375	30-4	12-Φ25	976	580	-
	350	550	520	470	435	34-4	16-Φ25	1120	640	-
	400	600	580	525	485	36-4	16-Φ30	1452	640	-
	450	650	640	585	545	40-4	20-Φ30	1541	720	-
	500	700	705	650	608	44-4	20-Φ34	1880	720	-
	600	800	840	770	718	48-5	20-Φ36	1874	800	-
	700	900	910	840	788	50-5	24-Φ41	2083	800	-
	800	1000	1020	950	898	52-5	24-Φ41	2400	850	-
	900	1100	1120	1050	998	54-5	28-Φ41	2950	1000	-
	1000	1200	1255	1170	1110	56-5	28-Φ48	3245	1000	-

国标闸阀

GB gate valve

主要外形尺寸及连接尺寸Main external and connection dimension

JB/T79.1-1994

公称压力 PN(MPa)	公称通径 DN(mm)	尺寸Size(mm)								重量 (kg)
		L	D	D1	D2	b-f	Z-Φd	H	D0	
2.5	15	130	95	65	45	16-2	4-Φ14	170	120	-
	20	150	105	75	55	16-2	4-Φ14	190	140	-
	25	160	115	85	65	16-2	4-Φ14	205	160	-
	32	180	135	100	78	18-2	4-Φ18	270	180	-
	40	200	145	110	85	18-3	4-Φ18	310	200	-
	50	250	160	125	100	20-3	4-Φ18	358	240	-
	65	265	180	145	120	22-3	8-Φ18	373	240	-
	80	280	195	160	135	22-3	8-Φ18	435	280	-
	100	300	230	190	160	24-3	8-Φ23	500	300	-
	125	325	270	220	188	28-3	8-Φ25	614	320	-
	150	350	300	250	218	30-3	8-Φ25	674	360	-
	200	400	360	310	278	34-3	12-Φ25	811	400	-
	250	450	425	370	332	36-3	12-Φ30	969	450	-
	300	500	485	430	390	40-4	16-Φ30	1145	580	-
	350	550	550	490	448	44-4	16-Φ34	1280	640	-
	400	600	610	550	505	48-4	16-Φ34	1452	640	-
	450	650	660	600	555	50-4	20-Φ34	1541	720	-
	500	700	730	660	610	52-4	20-Φ41	1676	720	-
	600	800	840	770	718	56-5	20-Φ41	1874	800	-
	700	900	955	875	815	60-5	24-Φ48	2083	800	-
2.5	800	1000	1070	990	930	64-5	24-Φ48	2400	950	-
	900	1100	1180	1090	1025	66-5	28-Φ54	2950	1000	-
	1000	1200	1305	1210	1140	68-5	28-Φ58	3245	1000	-

主要外形尺寸及连接尺寸Main external and connection dimension

JB/T79.2-1994

公称压力 PN(MPa)	公称口径 DN(mm)	尺寸Size(mm)										重量 (kg)
		L	D	D1	D2	D6	b-f	f1	Z-Φd	H	D0	
4.0	15	130	95	65	45	40	16-2	4	4-14	135	120	-
	20	150	105	75	55	51	16-2	4	4-14	190	140	-
	25	160	115	85	65	58	16-2	4	4-14	205	160	-
	32	180	135	100	78	66	18-2	4	4-18	270	180	-
	40	200	145	110	85	76	18-3	4	4-18	310	200	-
	50	250	160	125	100	88	20-3	4	4-18	371	280	-
	65	280	180	145	120	110	22-3	4	8-18	391	280	-
	80	310	195	160	135	121	22-3	4	8-18	455	320	-
	100	350	230	190	160	150	24-3	4.5	8-23	551	360	-
	125	400	270	220	188	176	28-3	4.5	8-25	628	400	-
	150	450	300	250	218	204	30-3	4.5	8-25	708	400	-
	200	550	375	320	282	260	38-3	4.5	12-30	885	450	-
	250	650	445	385	345	313	42-3	4.5	12-34	906	560	-
	300	750	510	450	408	364	46-4	4.5	16-34	1203	640	-
	350	850	570	510	465	422	52-4	5	16-34	1341	640	-
	400	950	655	585	535	474	58-4	5	16-41	1492	720	-
6.3	500	1150	755	670	612	576	62-4	5	20-48	1627	/	-
	600	1350	890	795	730	678	62-5	6	20-54	1925	/	-
	700	1450	995	900	835	768	68-5	6	24-54	2310	/	-
	800	1650	1135	1030	960	876	76-5	6	24-58	2600	/	-
	15	170	105	75	55	40	18-2	4	4-14	140	100	-
	20	190	125	90	68	51	20-2	4	4-18	140	100	-
	25	210	135	100	78	58	22-2	4	4-18	215	180	-
	32	230	150	110	82	66	24-2	4	4-23	270	180	-
	40	240	165	125	95	76	24-3	4	4-23	345	200	-
	50	250	175	135	105	88	26-3	4	4-23	470	200	-
	65	280	200	160	130	110	28-3	4	8-23	520	250	-
	80	310	210	170	140	121	30-3	4.5	8-23	570	300	-
	100	350	250	200	168	150	32-3	4.5	8-25	700	300	-
	125	400	295	240	202	176	36-3	4.5	8-30	780	350	-
	150	450	340	280	240	204	38-3	4.5	8-34	850	350	-
	200	550	405	345	300	260	44-3	4.5	12-34	1035	400	-
250	650	470	400	352	313	48-3	4.5	12-41	1050	560	-	
300	750	530	460	412	364	54-4	4.5	16-41	1470	640	-	
350	850	595	525	475	422	60-4	5	16-41	1718	700	-	
400	950	670	585	525	474	66-4	5	16-48	1885	750	-	
500	1150	800	705	640	576	70-4	5	20-54	2410	850	-	
600	1350	930	820	750	678	76-5	6	20-58	2895	1000	-	



美标闸阀

API gate valve

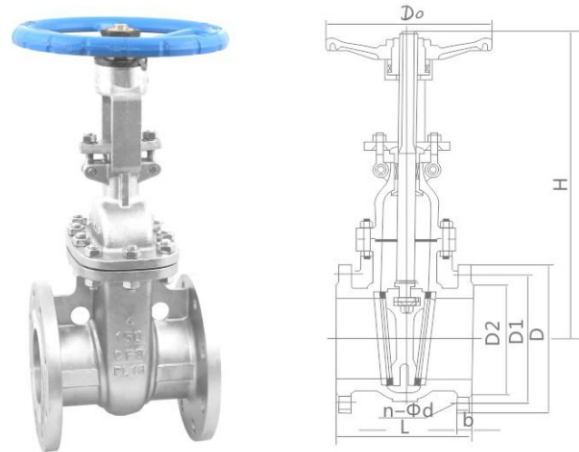
Z41W-150Lb

一、产品概述 Product overview

法兰连接钢制闸阀适用于ANSI Class150 ~ 900、PN2.0 ~ 16.0MPa、JIS10 ~ 20K，工作温度-29 ~ 425℃（碳钢）及-40 ~ 500℃（不锈钢）的各种管路上，用于截断或接通管路中的介质。通过选用不同的材质，可适用于水、蒸汽、油品、硝酸、醋酸、强氧化性介质及尿素等多种介质。有手动、伞齿轮传动及电动等。

二、结构特点 Structural characteristics of

- 1、产品设计制造符合国外先进标准要求，密封可靠，性能优良。
- 2、结构设计紧凑合理，造型美观。
- 3、采用楔式弹性闸板结构，中大口径设置滚动轴承，启闭轻松。
- 4、阀体材料品种齐全，填料、垫片根据实际工况或用户要求合理选配，可适用于各种压力、温度及介质工况。
- 5、采用国内外多种配管法兰标准及法兰密封面型式，满足各种工程需要及用户要求



三、主要零件材料 Main components material

名称 Name	材料 Material								
阀体/阀盖 Body/Bonnet	CF8	CF3	CF8M	CF3M	WCB	LCB	WC6	WC9	C5
闸板 Wedge	CF8	CF3	CF8M	CF3M	WCB	LCB	WC6	WC9	C5
阀杆 Stem	F304	F304L	F316	F316L	2CR13	F304	F304	F304	F304
阀杆螺母 Stem Nut	铝青铜 Aluminium Bronze								
填料 Packing	PTFE/柔性石墨				石墨 Graphite				
垫片 Gasket	PTFE/金属缠绕垫				石墨 Graphite				
压盖 Gland	CF8	CF3	CF8M	CF3M	WCB	LCB	WC6	WC9	C5
螺栓 Bolt	不锈钢 Stainless Steel				35CrMoA				
螺母 Nut	不锈钢 Stainless Steel				45、35CrMoA				
手轮 Handwheel	铸钢 Cast Steel								

四、主要外形尺寸及连接尺寸 Main external and connection dimension

Class(150Lb)

规格 inch	尺寸 (mm)								
	DN	L	D	D1	D2	b	Z-Φd	H	D0
1/2"	15	108	89	60.5	35	12	4-Φ15	155	120
3/4"	20	117	98	70	43	12	4-Φ15	160	120
1"	25	127	108	79.5	51	12	4-Φ15	200	140
1 1/4"	32	140	117	89	64	13	4-Φ15	245	160
1 1/2"	40	165	127	98.5	73	15	4-Φ15	285	180
2"	50	178	152	120.5	92	16	4-Φ19	315	200
2 1/2"	65	190	178	139.5	105	18	4-Φ19	375	220
3"	80	203	190	152.5	127	19	4-Φ19	400	240
4"	100	229	229	190.5	157	24	8-Φ19	460	280
5"	125	254	254	216	186	24	8-Φ22	540	300
6"	150	267	279	241.5	216	26	8-Φ22	620	320
8"	200	292	343	298.5	270	29	8-Φ22	800	400
10"	250	330	406	362	324	31	12-Φ25	850	450
12"	300	356	483	432	381	32	12-Φ25	1000	500
14"	350	381	533	476	413	35	12-Φ29	1300	600
16"	400	406	597	540	470	37	16-Φ29	1400	600
18"	450	432	635	578	533	40	16-Φ32	1600	650
20"	500	457	398	635	584	43	20-Φ32	1850	650
24"	600	508	813	749.5	692	48	20-Φ35	2200	700



美标闸阀

API gate valve

Class(300Lb)

规格 inch	尺寸 (mm)								
	DN	L	D	D1	D2	B	Z-Φd	H	H
1/2"	15	140	95	66.5	35	15	4-Φ15	155	120
3/4"	20	152	117	82.5	43	16	4-Φ19	160	120
1"	25	165	124	89	51	18	4-Φ19	200	140
1 1/4"	32	178	133	98.5	64	19	4-Φ19	250	160
1 1/2"	40	190	156	114.5	73	21	4-Φ22	290	180
2"	50	216	165	127	92	22	8-Φ19	330	200
2 1/2"	65	241	190	149	105	25	8-Φ22	385	220
3"	80	283	210	168.5	127	29	8-Φ22	410	240
4"	100	305	254	200	157	32	8-Φ22	480	280
5"	125	381	279	235	186	35	8-Φ22	630	300
6"	150	403	318	270	216	37	12-Φ22	690	320
8"	200	419	381	330	270	41	12-Φ25	830	400
10"	250	457	445	387.5	324	48	16-Φ29	1003	450
12"	300	502	521	451	381	51	16-Φ32	1137	500
14"	350	762	584	514.5	413	54	20-Φ32	1489	600
16"	400	838	648	571.5	470	57	20-Φ35	1581	600
18"	450	914	711	628.5	533	60	24-Φ35	2017	650
20"	500	991	775	686	584	64	24-Φ35	2228	650
24"	600	1143	914	813	692	70	24-Φ41	2650	700

Class(600Lb)

规格 inch	尺寸 (mm)								
	DN	L	D	D1	D2	B	Z-Φd	H	H
1/2"	15	165	95	66.5	35	15	4-Φ15	155	155
3/4"	20	190	118	82.5	43	16	4-Φ19	160	160
1"	25	216	124	89	51	18	4-Φ19	200	200
1 1/4"	32	229	133	98.5	64	21	4-Φ19	250	250
1 1/2"	40	241	156	114.5	73	23	4-Φ22	290	290
2"	50	292	165	127	92	26	8-Φ19	350	350
2 1/2"	65	330	190	149	105	29	8-Φ22	430	430
3"	80	356	210	168	127	32	8-Φ22	470	470
4"	100	432	273	216	157	38	8-Φ25	570	570
5"	125	508	330	266.5	186	45	8-Φ29	700	700
6"	150	559	356	292	216	48	12-Φ29	750	750
8"	200	660	419	349	270	56	12-Φ32	830	830
10"	250	787	508	432	324	64	16-Φ35	1210	1210
12"	300	838	559	489	381	67	20-Φ35	1350	1350
14"	350	889	603	527	413	70	20-Φ38	1600	1600
16"	400	991	686	603	470	77	20-Φ41	1800	1800
18"	450	1092	743	654	533	83	20-Φ44	2110	2110
20"	500	1194	813	724	584	89	24-Φ22	2350	2350
24"	600	1397	940	838	692	102	24-Φ52	2900	2900



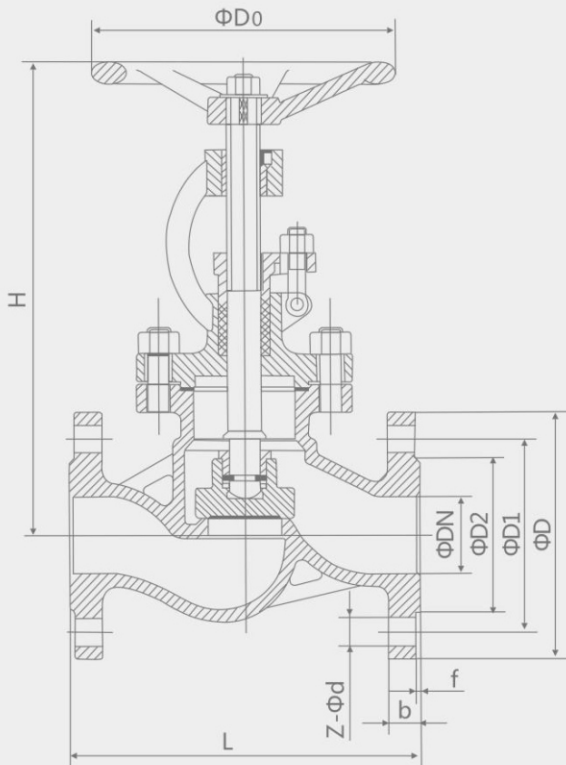
国标截止阀

GB globe valve

截止阀系列

GLOBE VALVE SERIES

GLOBE VALVE
SERIES
截止阀系列



结构优势与特点Structural advantages and characteristics

- 1、产品设计制造按国家标准GB 12235,结构合理,密封可靠,性能优良,造型美观。
 - 2、阀瓣、阀座密封面用铁基合金堆焊或司太立 (stellite) 钴基硬质合金堆焊而成,耐磨、耐高温、耐腐蚀、抗擦伤性能好、使用寿命长。
 - 3、阀杆经调质及表面氮化处理,有良好的抗腐蚀性和抗擦伤性。
 - 4、可采用各种配管法兰标准及法兰密封面型式,满足各种工程需要和用户要求。
 - 5、阀体材料品种齐全,填料、垫片可根据实际工况或用户要求合理选配,能适用与各种压力、温度及介质工况。
 - 6、倒密封采用螺纹连接密封座或本体堆焊不锈钢而成,密封可靠,填料更换可在不停机情况下进行方便快捷不影响系统运行。
- 1、The product designed and manufactured according to national standard GB 12235, reasonable structure, reliable sealing, excellent performance and beautiful shape.
 - 2、Flap valve, the valve seat sealing surface of iron based alloy or stellite (stellite) made of cobalt-based alloy welding, wear-resistant, high temperature, corrosion, anti-abrasion performance, long life.
 - 3、Stem quenched and the nitrogen treatment, with good resistance to corrosion and scratch resistance.
 - 4、Can be used with a variety of standard pipe flanges and flange sealing surface types to meet various project needs and user requirements.
 - 5、Body material variety, packing, gasket can be based on actual working conditions or the user requests a reasonable option, can be applied with all kinds of pressure, temperature and medium conditions.
 - 6、Sealed with screw connection seal back seat or body made of stainless steel welding, sealing and reliable replacement of filling in non-stop convenient and efficient manner does not affect system operation.

标准与规范Standards and norms

设计与制造 Design and Manufacture	结构长度 Structure Length	压力、温度等级 Pressure、 temperature rating	连接法兰 Connecting flange	检验与试验 Test and Inspection
GB 12235	GB 12221	GB 12224	JB/T 79/82~1994 GB 9113 HG 20592-20635	JB/T 9092-1999 GB 13927

主要零件材料Main components material

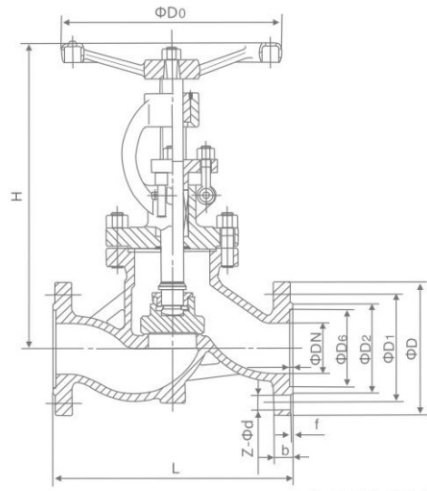
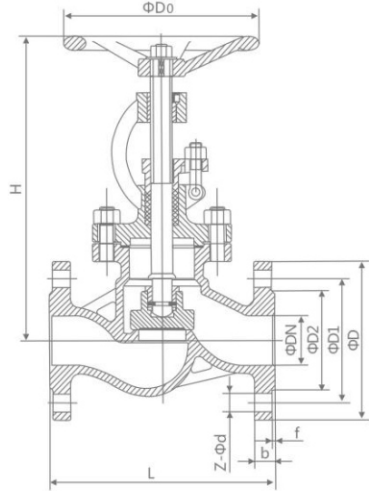
名称 Name	材料 Material								
阀体/阀盖 Body/Bonnet	CF8	CF3	CF8M	CF3M	WCB	LCB	WC6	WC9	C5
阀瓣 Wedge	CF8	CF3	CF8M	CF3M	WCB	LCB	WC6	WC9	C5
阀杆 Stem	F304	F304L	F316	F316L	2CR13	F304	F304	F304	F304
阀杆螺母 Stem Nut	铝青铜 Aluminium Bronze								
填料 Packing	PTFE/柔性石墨				石墨 Graphite				
垫片 Gasket	PTFE/金属缠绕垫				石墨 Graphite				
压盖 Gland	CF8	CF3	CF8M	CF3M	WCB	LCB	WC6	WC9	C5
螺栓 Bolt					35CrMoA				
螺母 Nut	不锈钢 Stainless Steel				45、35CrMoA				
手轮 Handwheel	不锈钢 Stainless Steel				铸钢 Cast Steel				



国标截止阀

GB globe valve

J41 W - 1/2 1.6 C、I、P、R



JB/T79.1-1994
JB/T79.2-1994

主要外形尺寸及连接尺寸 Main external and connection dimension

公称压力 PN(MPa)	公称通径 DN(mm)	尺寸Size(mm)										重量 Weight (Kg)
		L	D	D1	D2	D6	b-f	f2	Z-φd	H	D0	
1.6	10	130	90	60	40	/	14-2	/	4-14	198	120	-
	15	130	95	65	45	/	14-2	/	4-14	218	120	-
	20	150	105	75	55	/	14-2	/	4-14	230	140	-
	25	160	115	85	65	/	14-2	/	4-14	240	160	-
	32	180	135	100	78	/	16-2	/	4-18	250	180	-
	40	200	145	110	85	/	16-3	/	4-18	262	200	-
	50	230	160	125	100	/	16-3	/	4-18	280	240	-
	65	290	180	145	120	/	18-3	/	4-18	327	280	-
	80	310	195	160	135	/	20-3	/	8-18	355	280	-
	100	350	215	180	155	/	20-3	/	8-18	415	320	-
	125	400	245	210	185	/	22-3	/	8-18	460	360	-
	150	480	280	240	210	/	24-3	/	8-23	510	400	-
	200	600	335	295	265	/	26-3	/	12-23	588	400	-
	250	650	405	355	320	/	30-3	/	12-25	725	450	-
	300	750	460	410	375	/	30-4	/	12-25	925	500	-
	350	850	520	470	435	/	34-4	/	16-25	1030	600	-
	400	950	580	525	485	/	36-4	/	16-30	1170	700	-
	450	1050	640	585	545	/	40-4	/	20-30	1220	800	-
	500	1150	705	650	608	/	44-4	/	20-34	1410	900	-
	600	1350	840	770	718	/	48-5	/	20-41	1610	1000	-



国标截止阀

GB globe valve

主要外形尺寸及连接尺寸 Main external and connection dimension

公称压力 PN(MPa)	公称通径 DN(mm)	尺寸Size(mm)										重量 Weight (Kg)
		L	D	D1	D2	D6	b-f	f2	Z-φd	H	D0	
2.5	10	130	90	60	40	/	16-2	/	4-14	198	120	-
	15	130	95	65	45	/	16-2	/	4-14	218	120	-
	20	150	105	75	55	/	16-2	/	4-14	258	140	-
	25	160	115	85	65	/	16-2	/	4-14	275	160	-
	32	180	135	100	78	/	18-2	/	4-18	280	180	-
	40	200	145	110	85	/	18-3	/	4-18	330	200	-
	50	230	160	120	100	/	20-3	/	4-18	350	240	-
	65	290	180	145	120	/	22-3	/	8-18	400	280	-
	80	310	195	160	135	/	22-3	/	8-18	355	280	-
	100	350	230	190	160	/	24-3	/	8-23	415	320	-
	125	400	270	220	188	/	28-3	/	8-25	460	360	-
	150	480	300	250	218	/	30-3	/	8-25	510	400	-
	200	600	360	310	278	/	34-3	/	12-25	710	400	-
	250	650	425	370	332	/	36-3	/	12-30	786	450	-
	300	750	485	430	390	/	40-4	/	16-30	925	500	-
	350	850	550	490	448	/	44-4	/	16-34	1030	600	-
	400	950	610	550	505	/	48-4	/	16-41	1170	700	-
	450	1050	660	600	555	/	50-4	/	20-34	1220	800	-
4.0	500	1150	730	660	610	/	52-4	/	20-41	1450	900	-
	600	1350	840	770	718	/	56-5	/	20-41	1810	1000	-
	10	130	90	60	40	35	16-2	4	4-14	198	120	-
	15	130	95	65	45	40	16-2	4	4-14	233	120	-
	20	150	105	75	55	51	16-2	4	4-14	275	140	-
	25	160	115	85	65	58	16-2	4	4-14	285	160	-
	32	180	135	100	78	66	18-2	4	4-18	302	180	-
	40	200	145	110	85	76	18-3	4	4-18	355	200	-
	50	230	160	125	100	88	20-3	4	4-18	373	240	-
	65	290	180	145	120	110	22-3	4	8-18	408	280	-
	80	310	195	160	135	121	22-3	4	8-18	436	320	-
	100	350	230	190	160	150	24-3	4.5	8-23	480	360	-
	125	400	270	220	188	176	28-3	4.5	8-25	558	400	-
	150	480	300	250	218	204	30-3	4.5	8-25	611	400	-
	200	600	375	320	282	260	38-3	4.5	12-30	720	400	-
	250	650	445	385	345	313	42-3	4.5	12-34	665	500	-
	300	750	510	450	408	364	46-4	4.5	16-34	720	550	-
	350	850	570	510	465	422	52-4	5	16-34	860	600	-
	400	950	655	585	535	474	58-4	5	16-41	1010	700	-
	450	1050	680	610	560	524	60-4	5	20-41	1190	800	-
	500	1150	755	670	612	576	62-4	5	20-48	1260	900	-

注：电动或齿轮传动，价格另计。 Note: Electric or gear drive, the price extra.



美标截止阀

API globe valve

J41 W -150Lb

产品概述Products overview

美标截止阀主要有API和ASME标准，ASTM，ASTM是材料标准，不是阀门本身的标准；按美国标准设计，制造，生产、检测的截止阀叫做美标截止阀。

American standard cut-off valve mainly include API and ASME standard, ASTM, ASTM material standard, not the standard valve itself, According to the American standard design, manufacturing, production, testing, the cut-off valve American standard cut-off valve.

产品优点Product advantages

1. 流体阻力小，其阻力系数与同长度的管段相等。

2. 结构简单、体积小、重量轻。

3. 紧密可靠，目前闸阀的密封面材料广泛使用塑料，密封性好，在真空系统中也已广泛使用。

4. 操作方便，开闭迅速，从全开到全关只要旋转90°，便于远距离的控制。

5. 维修方便结构简单，密封圈一般都是活动的，拆卸更换都比较方便。

6. 在全开或全闭时，阀体和阀座的密封面与介质隔离，介质通过时，不会引起阀门密封面的侵蚀。

7. 适用范围广，通径从小到几毫米，大到几米，从真空至高压都可应用，球旋转90度时，在进出口处应全部呈现球面，从而截断流动。
1. The fluid resistance is small, its resistance coefficient with section of equal length.

2. Simple structure, small volume, light weight.

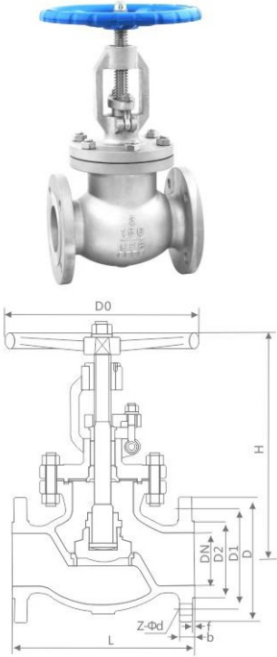
3. Compact and reliable, the gate valve sealing surface of materials widely used plastic, sealing is good, have been widely used in the vacuum system.

4. Easy to operate, open and close quickly, from open to close just rotate 90°, is advantageous for the remote control.

5. Easy maintenance structure is simple, sealing ring, which generally remove replacement is more convenient.

6. In the fully open or fully closed, the valve body and seat sealing surface and the dielectric isolation, medium through, does not cause the valve sealing surface erosion.

7. Applicable scope is wide, size from small to several millimeters, big to a few meters, from high vacuum to high pressure can be applied, the ball rotate 90 degrees, in the inlet and outlet should be completely present spherical, thereby cutting flow.



标准 Standard

计与制造	结构长度	法兰尺寸	对焊连接尺寸	压力-温度	试验-检验
ANSI B16.34 BS1873	ANSI B16.10	ANSI B16.5	ANSI B16.25	ANSI B16.34	API 598

压力试验 Pressure test

公称压力PN(Lb)	强度试验		水密封试验		气密封试验	
	MPa	Lbf/in2	MPa	Lbf/in2	MPa	Lbf/in2
150	3.0	430	2.2	315	0.4-0.7	60-100
300	7.7	1110	5.7	815		
600	15.3	2220	11.3	1630		
900	23.0	3330	17.0	2445		
1500	38.4	5560	28.2	4080		
2500	64.0	9255	47.0	6790		

主要零件材料及性能 Major parts material and the performance

体盖	阀杆	密封面	垫片（环）	填料	工作温度	适用介质
WCB	2Cr13	CF8/13Cr/STL 本体材料/尼龙	增强柔性石墨 13Cr/ 柔性石墨 SFB-2 08软钢 F304 F316 F304L F316L	柔性石墨 增强柔性石墨	≤ 425	水蒸汽油品
WC1	38CrMoAl 25Cr2MoV				≤ 425	
WC6					≤ 540	
WC9					≤ 570	
C5 C12					≤ 540	
CF8	F304				≤ 200	硝酸醋酸尿素
CF8M	F316					
CF3	F304L					
CF3M	F316L					

注：电动或齿轮传动，价格另计。Note: Electric or gear drive, the price extra.



美标截止阀

API globe valve

主要尺寸和重量 Main dimensions and weight

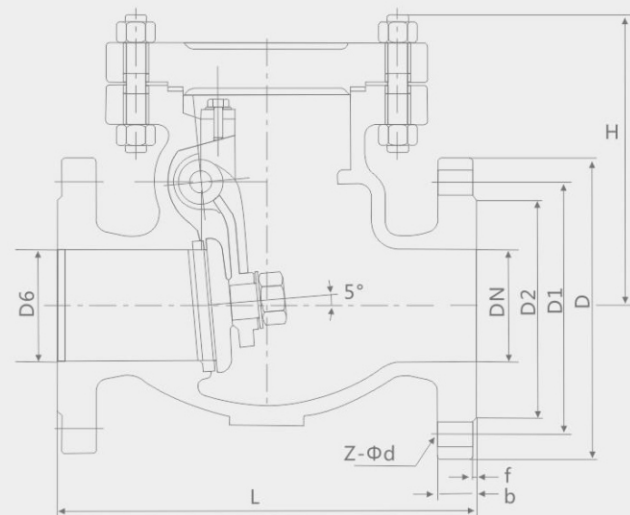
DN		150Lb 凸面法兰 (RF) 主要尺寸 (mm)								重量
mm	in	L	D	D1	D2	b	N-Φd	H	D0	
15	1/2	108	89	60.5	35	11.2	4-16	241	100	-
20	3/4	117	98	69.9	43	12.7	4-16	241	100	-
25	1	127	108	79.2	51	14.2	4-16	242	125	-
32	1 1/4	140	117	89	63	16	4-16	280	160	-
40	1 1/2	165	127	98.6	73	17.5	4-16	286	160	-
50	2	203	152	120.7	92	19	4-19	368	200	-
65	2 1/2	216	178	139.7	105	22.4	4-19	387	200	-
80	3	241	190	152.4	127	24	4-19	411	250	-
100	4	292	229	190.5	157	24	4-19	454	250	-
125	5	356	254	216.0	186	24	8-22.5	455	350	-
150	6	406	279	241.3	216	25.4	8-22.5	541	350	-
200	8	495	343	298.5	270	28.4	8-22.5	651	450	-
250	10	622	406	362.0	324	30.2	12-25.4	800	450	-
300	12	698	483	431.8	381	32	12-25.4	1231	600	-
350	14	787	533	476.3	413	35	12-29	1450	600	-
400	16	914	597	539.8	470	36.6	16-29	1645	600	-

DN		300Lb 凸面法兰 (RF) 主要尺寸 (mm)								重量
mm	in	L	D	D1	D2	B	N-Φd	H	D0	
15	1/2	152	95	66.5	35	14.2	4-16	241	140	-
20	3/4	178	117	82.5	43	16	4-19	241	140	-
25	1	203	123	89	51	17.5	4-19	283	160	-
32	1 1/4	216	133	98.5	63	19	4-19	320	200	-
40	1 1/2	229	155	114.3	73	20.6	4-22.5	322	200	-
50	2	267	165	127	92	22.4	8-19	399	200	-
65	2 1/2	292	190	149.4	105	25.4	8-22.5	438	250	-
80	3	318	210	168.1	127	28.4	8-22.5	464	280	-
100	4	356	254	200.2	157	31.8	8-22.5	565	350	-
125	5	400	279	235	186	35	8-22.5	614	350	-
150	6	444	318	269.7	216	36.6	12-25.4	717	400	-
200	8	559	381	330.2	270	41.2	12-25.4	930	500	-
250	10	622	444	387.4	324	47.8	16-28.5	1012	550	-
300	12	711	521	450.8	381	50.8	16-32	1231	600	-
350	14	838	584	514.4	413	54	20-32	1450	600	-
400	16	864	648	571.5	470	57.2	20-35	1645	600	-

DN		600Lb 凸面法兰 (RF) 主要尺寸 (mm)								重量
mm	in	L	D	D1	D2	B	N-Φd	H	D0	
15	1/2	165	95	66.5	35	14.5	4-16	285	100	-
20	3/4	190	117	82.5	43	16	4-19	285	125	-
25	1	216	124	89	51	17.5	4-19	313	160	-
32	1 1/4	229	133	98.5	63	21	4-19	328	160	-
40	1 1/2	241	156	114.3	73	22.5	4-22.5	365	180	-
50	2	292	165	127	92	33	8-19	444	200	-
65	2 1/2	330	190	149.4	105	36	8-22.5	483	250	-
80	3	356	210	168.1	127	39	8-22.5	533	250	-
100	4	432	273	216	157	45	8-25.4	622	350	-
125	5	508	330	266.7	186	52	8-28.5	750	350	-
150	6	559	356	292.1	216	55	12-28.5	800	450	-
200	8	660	419	349.3	270	63	12-32	927	500	-
250	10	787	508	431.8	324	71	16-35	1257	600	-
300	12	838	559	489	381	74	20-35	1468	680	-



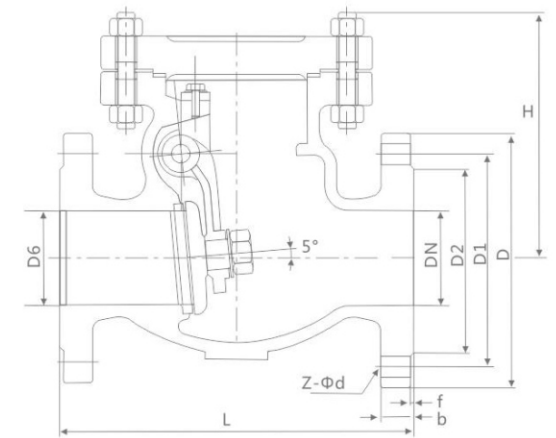
CHECK VALVE SERIES 止回阀系列



国标旋启式止回阀

GB Swing check valve

H44^H_W-16C/P/R



标准

设计与制造按GB/T12236
结构长度按GB/T12221
法兰连接尺寸按JB/T79
检验按JB/T9092

Standards

Design and manufacture as GB/T12236
Face to face dimensions as GB/T12221
End flange dimension as JB/T79
Pressure test as JB/T9092

试验压力 Test Pressure

试验项目 Test Item	壳体试验 Shell Test	密封试验 Seal Test	上密封试验 Back Seal Test	气密封试验 Air Seal Test
介质 Medium	水 Water			气 Air
单位 Unit	MPa	MPa	MPa	MPa
公称压力 Nominal Pressure PN(MPa)	1.6	2.4	1.8	0.5~0.7
	2.5	3.8	2.8	
	4.0	6.0	4.4	
	6.4	9.6	7.0	
	10.0	15.0	11.0	
	16.0	24.0	18.0	

主要零件材料 Materials for Main Parts

名称 Name	材料 Material								
阀体/阀盖 Body/Bonnet	CF8	CF3	CF8M	CF3M	WCB	LCB	WC6	WC9	C5
阀瓣 Wedge	CF8	CF3	CF8M	CF3M	WCB	LCB	WC6	WC9	C5
垫片 Gasket	PTFF				石墨 Graphite				
螺栓 Bolt	不锈钢 Stainless Steel				35CrMoA				
螺母 Nut	不锈钢 Stainless Steel				45、35CrMoA				



国标旋启式止回阀

GB Swing check valve

主要连接尺寸 Main Connection Dimensions

型号 Type	公称通径 DN(mm)	尺寸 Dimension(mm)							
		L	D	D1	D2	D6	b-f	z-Φd	H
H H44W-16 Y	50	230	160	125	100		14-2	4-Φ18	135
	65	390	180	145	120		14-2	4-Φ18	142
	80	310	195	160	135		16-2	8-Φ18	165
	100	350	215	180	155		16-3	8-Φ18	180
	125	400	245	210	185		16-3	8-Φ18	210
	150	480	280	240	210		18-3	8-Φ23	233
	200	500	335	295	265		20-3	12-Φ23	304
	250	550	405	355	320		20-3	12-Φ25	348
	300	650	460	410	375		22-3	12-Φ25	390
	350	750	520	170	435		24-3	16-Φ25	430
	400	850	580	252	485		26-3	16-Φ30	468
	450	950	640	585	545		30-3	20-Φ30	523
H H44W-25 Y	500	1150	705	650	608		30-4	20-Φ34	525
	20	150	105	75	55		16-2	4-Φ14	100
	25	160	115	85	65		16-2	4-Φ14	100
	32	180	135	100	78		18-2	4-Φ18	105
	40	200	145	110	85		18-3	4-Φ18	115
	50	230	160	125	100		20-3	4-Φ18	135
	65	290	180	145	120		22-3	8-Φ18	140
	80	310	195	160	135		22-3	8-Φ18	145
	100	350	230	190	160		24-3	8-Φ23	165
	125	400	270	220	188		28-3	8-Φ25	250
	150	480	300	250	218		30-3	8-Φ25	295
	200	550	360	310	278		34-3	12-Φ25	315
	250	650	425	370	332		36-3	12-Φ30	430
	300	750	485	430	390		40-4	16-Φ30	480
	350	850	550	490	448		44-4	16-Φ34	500
	400	950	610	550	505		48-4	16-Φ34	520
	450	1050	660	600	555		50-4	20-Φ34	580
	500	1150	730	660	610		52-4	20-Φ41	630
H H44W-40 Y	600	1350	840	770	718		56-5	20-Φ41	780
	20	150	105	75	55	51	16-2	4-Φ14	100
	25	160	115	85	65	58	16-2	4-Φ14	100
	32	180	135	100	78	66	18-2	4-Φ18	105
	40	200	145	110	85	76	18-3	4-Φ18	115
	50	230	160	125	100	88	20-3	4-Φ18	135
	65	290	180	145	120	110	22-3	8-Φ18	140
	80	310	195	160	135	121	22-3	8-Φ18	145
	100	350	230	190	160	150	24-3	8-Φ23	165
	125	400	270	220	188	176	28-3	8-Φ25	250
	150	480	300	250	218	204	30-3	8-Φ25	295
	200	550	375	320	282	260	38-3	12-Φ30	315
	250	650	445	385	345	313	42-3	12-Φ34	430
	300	750	510	450	408	364	46-4	16-Φ34	480
	350	850	570	510	465	422	52-4	16-Φ34	500
	400	950	655	585	535	474	58-4	16-Φ41	520
	450	1050	680	610	560	524	60-4	20-Φ41	580
	500	1150	755	670	612	576	62-4	20-Φ48	630
	600	1350	890	795	730	678	62-5	20-Φ54	780



国标旋启式止回阀

GB Swing check valve

主要外形尺寸及连接尺寸 Main external and connection dimension

JB/T79.2

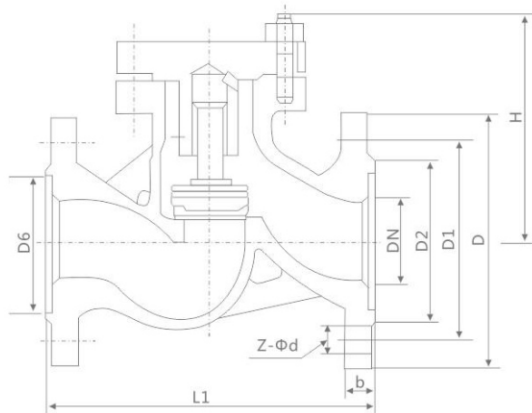
公称压力 PN(MPa)	公称通径 DN(mm)	尺寸Size(mm)									重量 Weight (Kg)
		L	D	D1	D2	D6	b-f	F2	Z-Φd	H	
H H44W-63 Y	50	300	175	135	105	88	26-3	4	4-23	192	-
	65	340	200	160	130	110	28-3	4	8-23	207	-
	80	380	210	170	140	121	30-3	4	8-23	207	-
	100	430	250	200	168	150	32-3	4.5	8-25	235	-
	125	500	295	240	202	176	36-3	4.5	8-30	265	-
	150	550	340	280	240	204	38-3	4.5	8-34	297	-
	200	650	405	345	300	260	44-3	4.5	12-34	357	-
	250	775	470	400	352	313	48-3	4.5	12-41	405	-
	300	900	530	460	412	364	54-4	4.5	16-41	465	-
	350	1025	595	525	475	422	60-4	5	16-41	514	-
	400	1150	670	585	525	474	66-4	5	16-48	568	-
	500	1400	800	705	640	576	70-4	5	20-54	620	-
H H44W-100 Y	50	300	195	145	112	88	28-3	4	4-25	192	-
	65	340	220	170	138	110	32-3	4	8-25	207	-
	80	380	230	180	148	121	34-3	4	8-25	235	-
	100	430	265	210	172	150	38-3	4.5	8-30	265	-
	125	500	310	250	210	176	42-3	4.5	8-34	313	-
	150	550	350	290	250	204	46-3	4.5	12-34	360	-
	200	650	430	360	312	260	54-3	4.5	12-41	420	-
	250	775	500	430	382	313	60-3	4.5	12-41	480	-
	300	900	585	500	442	364	70-4	4.5	16-48	520	-
	350	1025	655	560	498	422	76-4	5	16-54	584	-
	400	1150	715	620	558	474	80-4	5	16-54	625	-
H H44W-160 Y	50	300	215	165	132	88	36-3	4	8-25	251	-
	65	340	245	190	152	110	44-3	4	8-30	282	-
	80	380	260	205	168	121	46-3	4	8-30	320	-
	100	430	300	240	200	150	48-3	4.5	8-34	356	-
	125	500	355	285	238	176	60-3	4.5	8-41	393	-
	150	550	390	318	270	204	66-3	4.5	12-41	430	-
	200	650	480	400	345	260	78-3	4.5	12-48	470	-
	250	750	580	485	425	313	88-3	4.5	12-54	514	-
	300	900	665	570	510	364	100-4	4.5	16-54	570	-
H H44W-250 Y	50	368	210	160	128	70	40-3	5	8-25	310	-
	65	419	260	203	165	97	48-3	5	8-30	346	-
	80	470	290	230	190	116	54-3	5	8-34	385	-
	100	546	360	292	245	138	66-3	6	8-41	406	-
	125	673	385	318	270	170	76-3	6	12-41	534	-
	150	705	440	360	305	190	82-3	66	12-45	560	-
	200	832	535	440	380	245	92-3	6	12-51	318	-
	250	991	670	572	508	319	110-3	6	16-55	673	-



国标升降式止回阀

GB Lift check valve

H41W-16C/P/R



标准
设计与制造按GB/T12235
结构长度按GB/T12221
法兰连接尺寸按JB/T79
检验按JB/T9092

Standards
Design and manufacture as GB/T12235
Face to face dimensions as GB/T12221
End flange dimension as JB/T79
Pressure test as JB/T9092

试验压力 Test Pressure

试验项目 Test Item		壳体试验 Shell Test	密封试验 Seal Test	上密封试验 Back Seal Test	气密封试验 Air Seal Test
介质 Medium		水 Water			气 Air
单位 Unit		MPa	MPa	MPa	MPa
公称压力 Nominal Pressure PN(MPa)	1.6	2.4	1.8	1.8	0.5~0.7
	2.5	3.8	2.8	2.8	
	4.0	6.0	4.4	4.4	
	6.4	9.6	7.0	7.0	
	10.0	15.0	11.0	11.0	
	16.0	24.0	18.0	18.0	

主要零件材料 Materials for Main Parts

名称 Name	材料 Material								
阀体/阀盖 Body/Bonnet	CF8	CF3	CF8M	CF3M	WCB	LCB	WC6	WC9	C5
阀瓣 Wedge	CF8	CF3	CF8M	CF3M	WCB	LCB	WC6	WC9	C5
垫片 Gasket	PTFF				石墨 Graphite				
螺栓 Bolt	不锈钢 Stainless Steel				35CrMoA				
螺母 Nut	不锈钢 Stainless Steel				45、35CrMoA				



国标升降式止回阀

GB Lift check valve

主要连接尺寸 Main Connection Dimensions

型号 Type	公称通径 DN(mm)	尺寸 Dimension(mm)								
		L	D	D1	D2	D6	b-f	f1	z-Φd	H
H41W-16 Y	15	130	95	65	45		14-2		4-Φ14	90
	20	150	105	75	55		14-2		4-Φ14	105
	25	160	115	85	65		14-2		4-Φ14	115
	32	180	135	100	78		16-2		4-Φ18	120
	40	200	145	110	85		16-3		4-Φ18	130
	50	230	160	125	100		16-3		4-Φ18	140
	65	290	180	145	120		18-3		4-Φ18	150
	80	310	195	160	135		20-3		8-Φ18	170
	100	350	215	180	155		20-3		8-Φ18	185
	125	400	245	210	185		22-3		8-Φ18	195
	150	480	280	240	210		24-3		8-Φ23	225
	200	600	335	295	265		26-3		12-Φ23	250
	250	650	405	355	320		30-3		12-Φ25	270
	300	750	460	410	375		30-3		12-Φ25	300
H41W-25 Y	15	130	95	65	45		16-2		4-Φ14	90
	20	150	105	75	55		16-2		4-Φ14	105
	25	160	115	85	65		16-2		4-Φ14	115
	32	180	135	100	78		18-2		4-Φ18	120
	40	200	145	110	85		18-3		4-Φ18	130
	50	230	160	125	100		20-3		4-Φ18	140
	65	290	180	145	120		22-3		8-Φ18	150
	80	310	195	160	135		22-3		8-Φ18	170
	100	350	230	190	160		24-3		8-Φ23	185
	125	400	270	220	188		28-3		8-Φ25	195
	150	480	300	250	218		30-3		8-Φ25	225
	200	600	360	310	278		34-3		12-Φ25	250
	250	650	425	370	335		36-3		12-Φ30	270
	300	750	485	430	390		40-4		16-Φ30	300
H41W-40 Y	25	160	115	85	65	58	16-2	4	4-Φ14	115
	32	180	135	100	78	66	18-2	4	4-Φ18	120
	40	200	145	110	85	76	18-3	4	4-Φ18	130
	50	230	160	125	100	88	20-3	4	4-Φ18	140
	65	290	180	145	120	110	22-3	4	8-Φ18	150
	80	310	195	160	135	121	22-3	4	8-Φ18	170
	100	350	230	190	160	150	24-3	4.5	8-Φ23	185
	125	400	270	220	188	176	28-3	4.5	8-Φ25	195
	150	480	300	250	218	204	30-3	4.5	8-Φ25	225
	200	600	375	320	282	260	38-3	4.5	12-Φ30	250
H41W-64 Y	15	170	105	75	55	40	18-2	4	4-Φ14	110
	20	190	125	90	68	51	20-2	4	4-Φ18	125
	25	210	135	100	78	58	22-2	4	4-Φ18	152
	32	230	150	110	82	66	24-2	4	4-Φ23	168
	40	260	165	125	95	76	24-3	4	4-Φ23	170
	50	300	175	135	105	88	26-3	4	4-Φ23	188
	65	340	200	160	130	110	28-3	4	8-Φ23	205
	80	380	210	170	140	121	30-3	4	8-Φ23	230
	100	430	250	200	168	150	32-3	4.5	8-Φ25	280
	125	500	295	240	202	176	36-3	4.5	8-Φ30	300
	150	550	340	280	240	204	38-3	4.5	8-Φ34	350
	200	650	405	345	300	260	44-3	4.5	12-Φ34	400



美标旋启式止回阀

API Swing check valve

概述 Overview

我公司生产的美标止回阀，完全按照美国标准设计制造，结构美观、先进。美标止回阀是指依靠介质本身流动而自动开、闭阀瓣，用来防止介质倒流的阀门，又称逆止阀、单向阀、逆流阀。止回阀属于一种自动阀门，其主要作用是防止介质倒流、防止泵及驱动电动机反转，以及容器介质的泄放。

性能参数 Performance parameter

序号	项目名称	项目名称					
		150(Lb)	300(Lb)	600(Lb)	900(Lb)	1500(Lb)	2500(Lb)
1	公称压力PN (MPa)	2.0	5.0	10.0	15.0	25.0	42.0
2	壳体强度试验压力 Shell strength test pressure (MPa)	常温下公称压力的1.5倍 1.5 Times the nominal pressure at room temperature					
3	高压密封试验压力 High-pressure sealing test pressure (MPa)	常温下工作压力的1.1倍 1.1Times the nominal pressure at room temperature					
4	常温下工作压力Nominal pressure at room temperature (MPa)	按ASME B16.34 压力温度额定值 According to ASME B16.34 pressure temperature rating					

产品规范 Product specification

设计标准 Design	结构长度 Structure Length	法兰连接尺寸 Connection flange	试验与检验 Test and Inspection	压力与温度基准 ASME B16.34
BS1868/API6D ASME B16.34	ASME B16.10	ASME B16.5 ASME B16.47A系列	API 598/API 6D	ASME B16.34

主要零件材料 Main components material

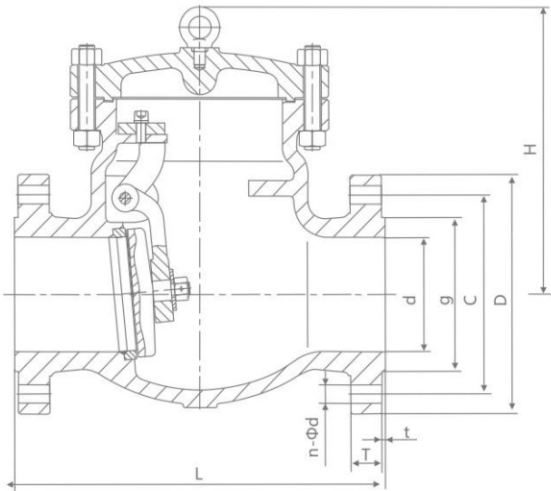
零件名称 Part Name	材料名称 Material name					
阀体Body	A216 WCB	A217 WC6	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
阀盖 Valve cover	A216 WCB	A217 WC6	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
阀板valve plate	A216 WCB	A217 WC6	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
密封面sealing face	13Cr/STL	STL	本体/STL	本体/STL	本体/STL	本体/STL
阀轴	A182 F6a	A182 F11	A182 F304	A182 F316	A182 F304L	A182 F316L
垫片	304+ 柔性石墨/软铁	304+ 柔性石墨/F304	304+ 柔性石墨/F304	316+ 柔性石墨F316	304L+ 柔性石墨/F304L	316L+ 柔性石墨/F316L
螺栓	A193 B7	A193 B16	A193 B8	A193 B8M	A193 B8	A193 B8M
螺母	A194 2H	A194 4	A194 8	A194 8M	A194 8	A194 8M
使用温度	-29~425℃	-29~540℃	-46~425℃	-46~425℃	-46~425℃	-46~425℃
适用介质	水、蒸汽、油品等	水、蒸汽等	硝酸类弱腐蚀介质	硝酸类弱腐蚀介质	硝酸类弱腐蚀介质	硝酸类弱腐蚀介质



美标旋启式止回阀

API Swing check valve

H44 W-150Lb

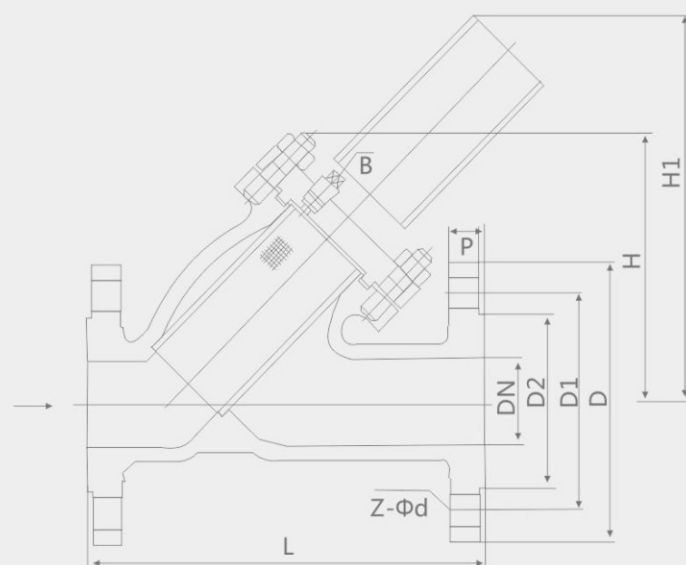


主要尺寸 Dimensions of Flanged end

公称压力 Nominal pressure	Dimensions(mm)									
	in	d	L	D	C	g	T	t	H	n-Φ
Class 150Lb	1/ 2"	15	108	89	60.5	35	12	1.6	-	4-15
	3/ 4"	20	117	98	70.0	43	12	1.6	-	4-15
	1"	25	127	108	79.5	51	12	1.6	-	4-15
	1-1/4"	32	140	117	89	64	13	1.6	-	4-15
	1-1/2"	40	165	127	98.5	73	15	1.6	-	4-15
	2"	50	203	152	120.5	92	16	1.6	161	4-19
	2-1/2"	65	216	178	139.5	105	18	1.6	180	4-19
	3"	80	241	190	152.5	127	19	1.6	190	4-19
	4"	100	292	229	190.5	157	24	1.6	203	8-19
	5"	125	330	254	216	186	24	1.6	229	8-22
	6"	150	356	279	241.5	216	26	1.6	257	8-22
	8"	200	495	343	298.5	270	29	1.6	292	8-22
	10"	250	622	406	362	324	31	1.6	355	12-25
	12"	300	698	483	432	381	32	1.6	396	12-25
	14"	350	787	533	476	413	35	1.6	445	12-29
	16"	400	864	597	540	470	37	1.6	490	16-29
	18"	450	978	635	578	533	40	1.6	520	16-32
	20"	500	978	698	635	584	43	1.6	546	20-32
	24"	600	1295	813	749.5	692	49	1.6	880	20-35
	26"	650	1295	786	744.5	711	41	1.6	910	36-22
	28"	700	1448	837	795.5	762	44	1.6	935	40-22
	30"	750	1524	887	846.0	813	44	1.6	970	44-22



FILTER SERIES 过滤器系列



国标Y型过滤器

GB Y-type filter

GL41W-16C/P/R

产品概述 Products overview

Y型过滤器是输送介质的管道系统不可缺少的一种过滤装置,Y型过滤器通常安装在减压阀、泄压阀、定水位阀或其它设备的进口端,用来清除介质中的杂质,以保护阀门及设备的正常使用。Y型过滤器具有结构先进,阻力小,排污方便等特点。Y型过滤器适用介质可为水、油、气。一般通水网为18~30目,通气网为10~100目,通油网为100~480目。

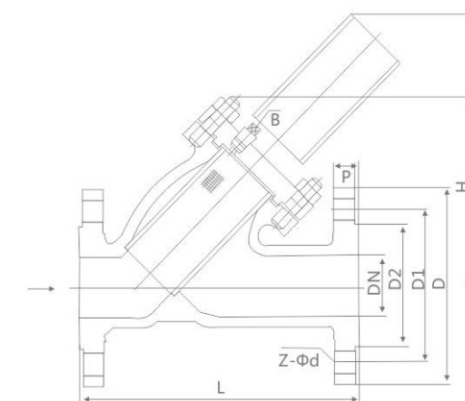
Y type filter is the medium of pipeline system is indispensable to a filtering device, Y type strainer is usually installed in a reducing valve, relief valve and the inlet water valve or other equipment, used to remove the impurity in the medium, in order to protect the valves and equipment normal use. Y type filter has the advanced structure, small resistance and easy drainage, etc. Y type filter suitable medium for water, oil and gas. Generally water network are 18 ~ 30 mu, ventilation network are 10 ~ 100 mesh, oil network 100 ~ 480 mesh. Basket strainer is mainly

基本参数

介质温度：300(°C)
工作压力：2KG
材质：不锈钢
产品别名：Y型过滤器
适用范围：液体过滤
连接形式：法兰
类型：直角式
流动方向：单向
适用介质：水
压力环境：常压

Basic parameters

Medium temperature: 300 °C
Working pressure difference: 2 kg
Material: stainless steel
Product alias: Y type filter
Scope of application: liquid filtration
Connection: flange
Type: the right Angle
Flow direction: one way
Applicable medium: water
Pressure: the atmospheric pressure



产品执行标准 Production enforce standard

产品规范 Product Specification	设计规范 Design Spec	结构长度 Face to Face	连接法兰 Flange End	试验与检验 Test & Check	产品标识 Marking	供货规范 Supply
	GB/T 21637	GB/T 12221	JB/T79	JB/T 9092	GB/T 12220	JB/T 7928

产品性能规范 Chief property and specification

型号 Type	连接方式 Conjunction method	公称压力 PN(MPa)	耐压试验压力 (MPa)	工作压力 (MPa)	壳体材料 Material	过滤网材料 Strainer material	网总面积
GL41H-10	法兰Flange	1.0	1.1	1.0	不锈钢 Stainless steel	不锈钢 Stainless steel	3~4DN
GL41H-16	法兰Flange	1.6	1.76	1.6	球墨铸铁 Ductile cast iron		
GL41H-25	法兰Flange	2.5	2.75	2.5	碳钢 Carbon steel		



国标Y型过滤器

GB Y-type filter

主要零件材料 Material for main parts

零件名称Parts Name	零部件材料 Part Material					
阀体/阀盖Body/Bonnet	25	WCB	CF8	CF8M	CF3	CF3M
网架Dis/stem	25	35	1Cr18Ni9Ti	1Cr18Ni12Mo2Ti	00Cr18Ni10	00Cr17Ni14Mo2
滤网Strainet	1Cr18Ni9Ti		1Cr18Ni9Ti		00Cr18Ni10	
垫片Gasket	18-8柔性石墨 18-8/Flexible Graphite					
螺栓Bolt	35		1Cr17Ni2		1Cr18Ni9Ti	
适用温度Suitable temp	-29~+425℃		-40~+200℃		-40~+200℃	
适用介质 Suitable medium	水、油品、蒸汽 Water、Oil、Steam		硝酸类 Nitric Acid		醋酸类 Acetic Acid	

尺寸 Dimensions PN16

Unit:mm

Nominal Diameter		L	d	D2	D1	D	b	f	n-φd1
15	1/2"	130	15	45	65	95	14	2	4-14
20	3/4"	150	20	55	75	105	14	2	4-14
25	1"	180	25	65	85	115	14	2	4-14
32	1-1/4"	165	32	78	100	135	16	2	4-18
40	1-1/2"	200	40	85	110	145	16	2	4-18
50	2"	220	50	100	125	160	16	3	4-18
65	2-1/2"	250	65	120	145	180	18	3	4-18
80	3"	280	80	135	160	195	20	3	8-18
100	4"	320	100	155	180	215	20	3	8-18
125	5"	340	125	185	210	245	22	3	8-18
150	6"	385	150	210	240	280	24	3	8-23
200	8"	480	200	265	295	335	26	3	12-23
250	10"	545	250	320	355	405	26	3	12-26
300	12"	605	300	375	410	460	28	3	12-26



美标/日标Y型过滤器

API/JIS Y-type filter

尺寸 Dimensions CLASS 150

Unit:mm

Nominal Diameter		L	d	D2	D1	D	b	f	n-φd1
15	1/2"	120	15	35	60.3	90	12	2	4-16
20	3/4"	140	20	43	70	100	12.5	2	4-16
25	1"	150	25	51	79.4	110	12.5	2	4-16
32	1-1/4"	170	32	63.5	88.9	115	13.2	2	4-16
40	1-1/2"	190	40	73	98.4	125	14.8	2	4-16
50	2"	215	50	92	120.7	150	16.3	2	4-19
65	2-1/2"	205	65	105	139.7	180	17.9	2	4-19
80	3"	285	80	127	152.4	190	19.5	2	4-19
100	4"	300	100	157	190.5	230	24.3	2	8-19
125	5"	350	125	185	216	255	24.3	2	8-22
150	6"	380	150	216	241.3	280	25.9	2	8-22
200	8"	480	200	270	298.5	345	29	2	8-22
250	10"	545	250	324	362	405	30.6	2	12-25
300	12"	605	300	381	431.8	485	32.2	2	12-25

尺寸 Dimensions 10K

Unit:mm

Nominal Diameter		L	d	D2	D1	D	b	f	n-φd1
15	1/2"	120	15	51	70	95	12	1	4-15
20	3/4"	140	20	65	75	100	14	1	4-15
25	1"	150	25	67	90	125	14	1	4-19
32	1-1/4"	170	32	76	100	135	16	2	4-19
40	1-1/2"	190	40	81	105	140	16	2	4-19
50	2"	215	50	96	120	155	16	2	4-19
65	2-1/2"	250	65	116	140	175	18	2	4-19
80	3"	285	80	126	150	185	18	2	8-19
100	4"	300	100	151	175	210	18	2	8-19
125	5"	350	125	182	210	250	20	2	8-23
150	6"	380	150	212	240	280	22	2	8-23
200	8"	480	200	262	290	330	22	2	12-23
250	10"	545	250	324	355	400	24	2	12-25
300	12"	605	300	368	400	445	24	3	16-25



钢制常用铸件(钢件)化学成分和力学性能

Chemical composition and mechanical properties of commonly used steel castings (steel parts)

标准号 Standard number	牌号 Trademark	化学成分 Chemical composition										力学性能 Mechanical property					
		C≥	Si≥	Mn≥	P≥	S≥	Cr	Ni	Mo	V	Cu	Ob Mpa	Os Mpa	δ%	ψ%	AKJ	
GB12223	WCB	0.30	0.60	1.00	0.04	0.045						485	350	22	35		
GB12229	WCC	0.25	0.60	1.2	0.04	0.045						485	275	22	35		
ZBJC8015	ZG1Cr5Mo	0.15	0.50	0.60	0.035	0.030	4.0~6.0		0.50~0.65			590	390	18	-		
ZBJC8015	ZG20CrMoV	0.18~0.24	0.17~0.37	0.4~0.70	0.030	0.030	0.9~1.2		0.50~0.70		2.00~3.0	500	320	14	30	30	
ZBJC8015	ZG15Cr1Mo1V	0.14~0.20	0.17~0.30	0.4~0.70	0.030	0.030	1.20~1.7		1.00~1.2		3.00~4.0	500	350	14	30	30	
GB/T5263	WC1	0.25	0.60	0.5~0.80	0.40	0.045			0.45~0.65			450	240	24	35		
GB/T5263	WC5	0.20	0.60	0.4~0.70	0.040	0.045	0.50~0.9	0.06~1.0	0.90~1.2			483	276	20	35		
GB/T5263	WC6	0.20	0.60	0.5~0.80	0.040	0.045	1.0~1.50		0.45~0.65			483	276	20	35		
GB/T5263	WC9	0.18	0.60	0.4~0.70	0.040	0.045	2.0~2.75		0.90~1.20			483	276	20	35		
GB12230 (GB2100)	ZG00Cr18Ni10	0.03	1.5	0.8~0.20	0.040	0.030	17.0~20	8.0~11.0				392	177	25	(32)	(98)	
GB12230 (GB2100)	ZG0Cr18Ni9	0.08	1.5	0.8~0.20	0.040	0.030	17.0~20	8.0~11.0				441	196	25	(32)	(98)	
GB12230 (GB2100)	ZG1Cr18Ni9	0.12	1.5	0.8~0.20	0.045	0.030	17.0~20	8.0~11.0				441	196	25	(32)	(98)	
GB12230 (GB2100)	ZG0Cr18Ni9Ti	0.80	1.5	0.8~0.20	0.040	0.030	17.0~20	8.0~11.0		0.50~0.70		441	196	25	(32)	(98)	
GB12230 (GB2100)	ZG0Cr18Ni9Ti	0.102	1.5	0.8~0.20	0.045	0.030	17.0~20	8.0~11.0		0.50~0.70		441	196	25	(32)	(98)	
GB12230 (GB2100)	ZG0Cr18Ni12Ni2Ti	0.8	1.5	0.8~0.20	0.040	0.030	16.0~19	11.0~13	2.00~3.0	0.50~0.70		490	216	30	(30)	(98)	
GB12230 (GB2100)	ZG1Cr18Ni12Ni2Ti	0.12	1.5	1.50	0.045	0.030	16.0~19	11.0~13	3.00~4.0	0.50~0.70		490	216	30	(30)	(98)	
GB12230	CF3	0.03	2.00	1.50	0.04	0.04	17.0~21	8.0~11.0				485	206	35	-		
GB12230	CF8	0.08	2.00	1.50	0.04	0.04	18.0~21	8.0~11.0				485	206	35	-		
GB12230	CF3M	0.03	1.5	1.50	0.04	0.04	17.0~21	9.0~12.0	2.00~3.0			485	206	30	-		
GB12230	CF8M	0.08	1.50	1.50	0.04	0.04	18.0~21	9.0~12.0	3.00~4.0			485	206	30	-		
GB12230	CF8C	0.08	2.00	1.50	0.04	0.04	18.0~21	9.0~12.0			(Nb) 8xC%~1.0	485	206	30		AKV J(mm) °C	
JB/T7248	LCB	030	0.60	1.00	0.04	0.045						450~620	240	24	35	14/-46	
JB/T7248	LC1	0.25	0.60	0.5~0.80	0.04	0.045			0.45~0.65			450~620	240	24	35	14/-59	
JB/T7248	LC2	0.25	0.60	0.5~0.80	0.04	0.045		2.00~3.0				435~655	275	24	35	16/-73	
JB/T7248	LC3	0.15	0.60	0.5~0.80	0.04	0.045		3.00~4.0				435~655	275	24	35	16/-101	

注：杂质（残余）元素的总和最大值的100%
Note:100% of total maximum value of impurity (residue)element.



09中外主要奥氏体不锈钢对照表

09 chinese and foreign main austenitic stainless steel comparison table

序号	中国		日本	美国		韩国	欧盟	印度IS	澳大利亚AS	中国台湾CNS
	旧牌照	新牌照(07.10)		ASTM	UNS		BSEN			
1	1Cr17Mn6Ni5N	12Cr17Mn6Ni5N	SUS201	201	S20100	STS201	1.4372	10Cr17Mn6Ni4N ²⁰	201-2	201
2	1Cr18Mn8Ni5N	12Cr18Mn9Ni5N	SUS202	202	S20200	STS202	1.4373	-	-	202
3	1Cr17Ni17	12Cr17Ni7	SUS3014	301	S30100	STS301	1.4319	10Cr17Ni7	301	301
4	0Cr18Ni9	06Cr19Ni10	SUS304	304	S30400	STS304	1.4301	07Cr18Ni9	304	304
5	00Cr19Ni10	022Cr19Ni10	SUS304L	304L	S30403	STS304L	1.4306	02Cr18Ni11	304L	304L
6	0Cr19Ni9N	06Cr19Ni10N	SUS304N1	304N	S30451	STS304N1	1.4315	-	304N1	304N1
7	0Cr19Ni10NbN	06Cr19Ni9NbN	SUS304N2	XM21	S30452	STS304N2	-	-	304N2	304N2
8	00Cr18Ni10N	022Cr19Ni10N	SUS304LN	304LN	S30453	STS304LN	-	-	304LN	304LN
9	1Cr18Ni12	10Cr18Ni12	SUS305	305	S30500	STS305	1.4303	-	305	305
10	0Cr23Ni13	06Cr23Ni13	SUS309S	309S	S30908	STS309S	1.4833	-	309S	309S
11	0Cr25Ni20	06Cr25Ni20	SUS310S	310S	S31008	STS310S	1.4845	-	310S	310S
12	0Cr17Ni12Mo2	06Cr17Ni12Mo2	SUS316	316	S31600	STS316	1.4401	04Cr17Ni12Mo2	316	316
13	0Cr18Ni12Mo3Ti	06Cr17Ni12Mo2Ti	SUS316Ti	316Ti	S31635	-	1.4571	04Cr17Ni12MoTi ²⁰	316Ti	316Ti
14	00Cr17Ni14Mo2	022Cr17Ni12Mo2	SUS316L	316L	S31603	STS316L	1.4404	~02Cr17Ni12Mo2	316L	316L
15	0Cr17Ni12Mo2N	06Cr17Ni12Mo2N	SUS316N	316N	S31651	STS316N	-	-	316N	316N
16	00Cr17Ni13Mo2N	022Cr17Ni13Mo2N	SUS316LN	316LN	S31653	STS316LN	1.4429	-		316LN
17	0Cr18Ni14Mo2Cu2	06Cr18Ni12Mo2Cu2	SUS316J1	-	-	STS316J1	-	-	316J1	316J1
18	00Cr18Ni14Mo2Cu2	022Cr18Ni14Mo2Cu2	SUS316J1L	-	-	STS316J1L	-	-	316J1L	316J1L
19	0Cr19Ni13Mo3	06Cr19Ni13Mo3	SUS317	317	S31700	STS317	-	-	317	317
20	00Cr19Ni13Mo3	022Cr19Ni13Mo3	SUS317L	317L	S31703	STS317L	1.4438	-	317L	317L
21	0Cr18Ni10Ti	06Cr18Ni11Ti	SUS321	321	S32100	STS321	1.4541	04Cr18Ni10Ti ²⁰	321	321
22	0Cr18Ni11Nb	06Cr18Ni11Nb	SUS347	347	S34700	STS347	1.455	04Cr18Ni10Nb ⁴⁰	347	347
23	0Cr26Ni5Mo2	-	SUS329J1	329	S32900	STS329J1	1.4477	-	329J1	329J1
24	00Cr18Ni5Mo3Si2	022Cr19Ni5Mo3Si2N	SUS329J3L	-	S31803	STS329J3L	1.4462	-	329J3L	329J3L
25	0Cr13Al	06Cr13Al	SUS405	405	S40500	STS405	1.4002	04Cr13	405	405
26	-	022Cr11Ti	SUH409	409	S40900	STS409	1.4512	-	409L	409L
27	00Cr12	022Cr12	SUS410L	-	-	STS410L	-	-	410L	410L
28	1Cr17	10Cr17	SUS430	430	S43000	STS430	1.4016	05Cr17	430	430
29	1Cr17Mo	10Cr17Mo	SUS434	434	S43400	STS434	1.4113	-	434	434
30	-	022Cr18NbTi	-	-	S43940	-	1.4509	-	439	439
31	00Cr18Mo2	019Cr19Mo2NbTi	SUS444	444	S44400	STS444	1.4521	-	444	444
32	1Cr12	12Cr12	SUS403	403	S40300	STS403	-	-	403	403
33	1Cr13	12Cr13	SUS410	410	S41000	STS410	1.4006	12Cr13	410	410
34	2Cr13	20Cr13	SUS420J1	420	S42000	STS420J1	1.4021	20Cr13	420	420J1
35	3Cr13	30Cr13	SUS420J2	-	-	STS420J2	1.4028	30Cr13	420J2	420J2
36	7Cr17	68Cr17	SUS440A	440A	S44002	STS440A	-	-	440A	440A