

BUTTERFLY VALVES

蝶阀

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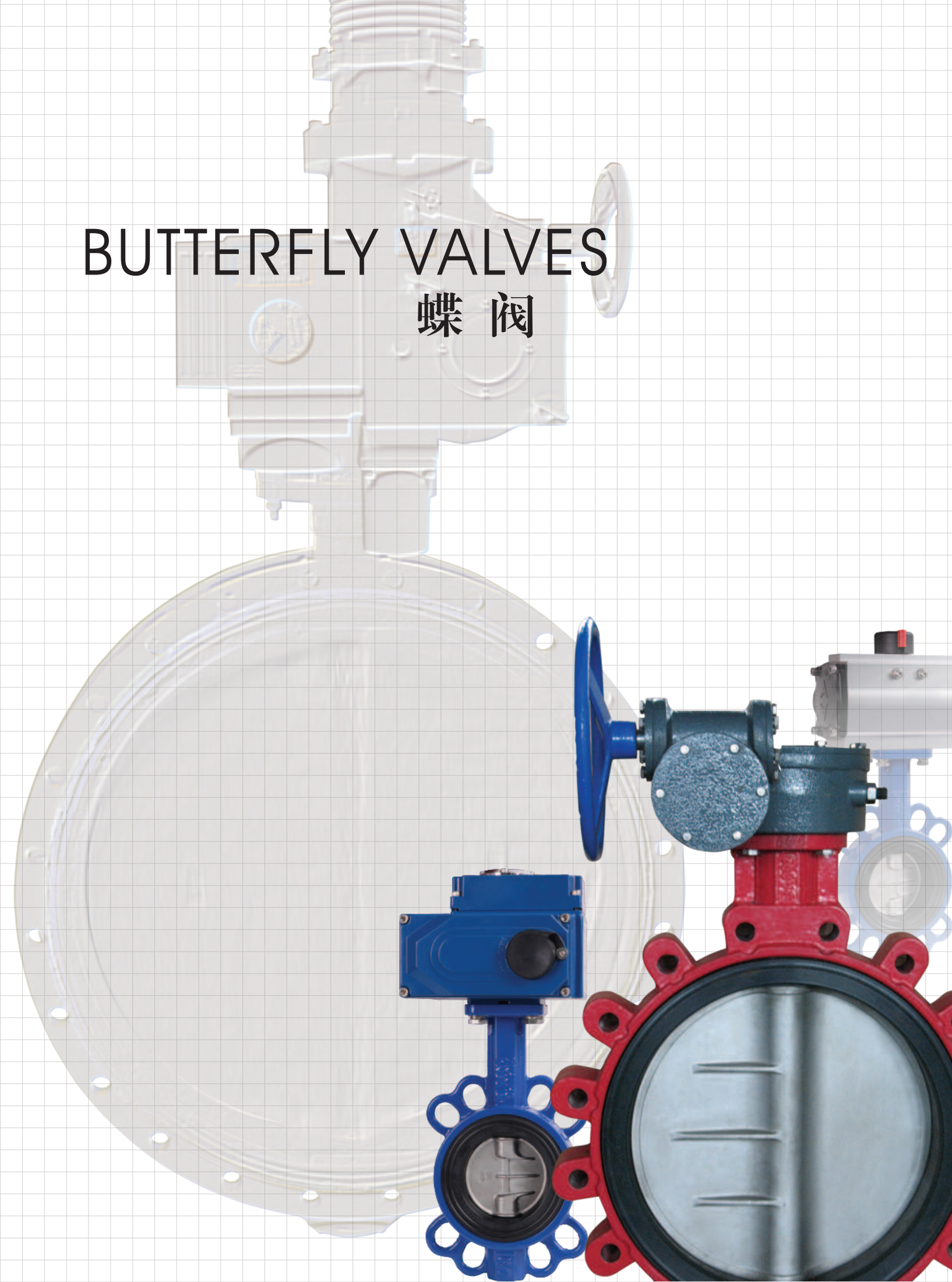
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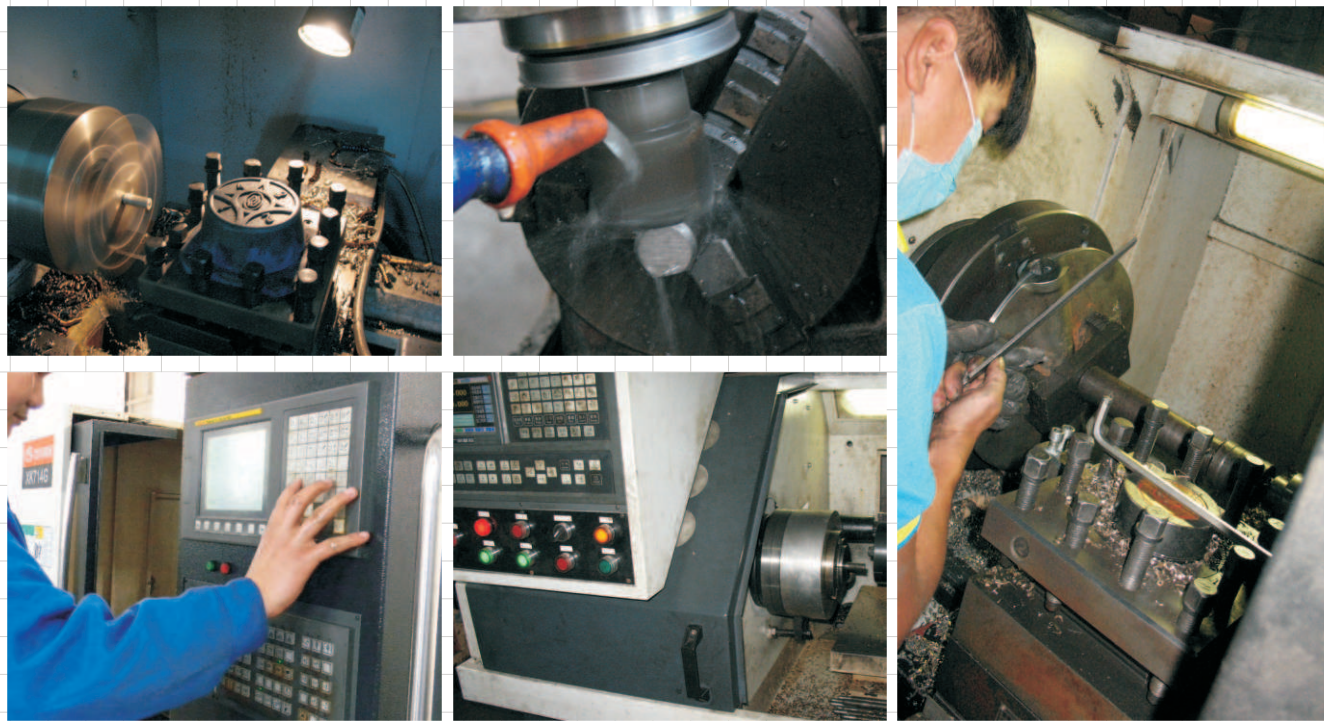


加工设备

Processing Equipment

高尖端的加工设备造就优良的产品品质.

The cutting-edge machining equipment accomplishes excellent product quality.



公司拥有先进的设备及检验仪器，精良的工艺以及严格完善的质量管理体系，并拥有专业技术精英和领先的科技队伍，充分利用新技术，新工艺，新材料保证产品的稳定性和可靠性。产品质量取源于制造手段的先进，精品意识源于不断的创新。不管如何变化，海螺人精益求精的执着精神不变。

Company owns advanced equipment and inspection equipment, exquisite Technology, the strict and perfect the quality management system, and professional, technical elites and leading technology, Make full use of the new technology, new technology, new material guarantee the stability and reliability of our products. The quality of the product from the advanced manufacturing technique, the high-quality goods consciousness originates from the unceasing innovation. Regardless of how the world changes, HAI DIE people excel in dedication.

严谨，务实，永不松懈的工作作风，植根于海螺的每一道生产工序之中，检验员高度负责的心态溶于每一个部件之中，加上最先进的检测设备和严格的科学化管理，使每一个生产的成品经得起客户的精心挑选。

The rigorous, practical and unremitting working attitude governs every production procedure in HAI DIE. All our inspectors take high responsibility on every component. Plus, the most advanced testing facilities and strict scientific management make every product a fine choice for our customers.

检测设备

Testing Equipment

通过各种检测手段 保证海螺产品的品质完美

Perfect quality of HHDV products is ensured through various inspection means



从毛坯铸件到最终产品，海螺拥有先进的检验和测试设备进行质量控制。所有铸件都按照相关的规格进行精确的外观和尺寸检验，严格的工序检验贯穿整个生产过程，每个阀门都按照客户的要求或国际标准经过严格的检验，并在装运前进行最终检测。海螺将努力实现阀门零缺陷。总之，我们拥有绝对的品质控制能力，从产品的设计开发，材料采购，生产制造直到包装出货，都遵循严格的质量管理制度，从而确保产品始终如一的高品质。

HHDV adopts the advanced inspection and testing facilities to carry out quality control of casting blanks and final products. All castings are subject to precise appearance and size inspections according to relevant standards. The strict procedure inspection is implemented throughout the whole production process. Each valve undergoes strict inspection according to customer requirements or international standards, and is subject to final inspection before shipment. HHDV will strive to realize zero defect of valves. In short, we have the excellent quality control ability. From design and development, material purchasing, production till packaging and delivery, we strictly follow the quality control system, ensuring the consistently high quality of products.

产品总汇 PRODUCT CENTER



型号Modle: 220D7A1X
 口径Diameter: DN25-DN200
 压力Pressure: PN1. 0-PN1.6Mpa
 适用介质Medium: 粉末, 颗粒, 空气等
 Powder, Particles, Air etc.
 适用温度Temperature: -20℃-140℃
 阀体材质Body Material: 铸铁、球墨铸铁
 Grey cast iron,Ductile iron
 阀板材质Disc Material: 镀锌板, 不锈钢等
 Galvanized plate,Stainless steelCF8,CF8M,
 CF3M etc



不锈钢对夹式-无靠背蜗轮蝶阀
 Stainless steel Wafer type-Non Back
 Gear Butterfly Valve

型号Modle: 220D37A1X
 口径Diameter: DN25-DN1200
 压力Pressure: PN1. 0-PN1.6Mpa
 适用介质Medium: 淡水, 海水, 空气,
 弱酸性、弱碱性液体, 油, 醇类等
 Freshwater, Seawater, Air, Weak acid,
 alkaline liquid, oil, alcohols etc
 适用温度Temperature: -20℃-140℃
 阀体材质Body Material: 不锈钢Stainless steel
 阀板材质Disc Material: 尼龙板, 不锈钢等
 Nylon plate,Stainless steelCF8,CF8M,CF3M etc



LT对夹式-有靠背手柄蝶阀
 Lug Wafer type- Back Seat
 Handle Butterfly Valve

型号Modle: 320D7L1X
 口径Diameter: DN40-DN200
 压力Pressure: PN1. 0-PN1.6Mpa
 适用介质Medium: 淡水, 海水, 空气,
 弱酸性、弱碱性液体, 油, 醇类等
 Freshwater, Seawater, Air, Weak acid,
 alkaline liquid, oil, alcohols etc
 适用温度Temperature: -20℃-120℃
 阀体材质Body Material: 铸铁、球墨铸铁
 Grey cast iron.Ductile iron
 阀板材质Disc Material: 尼龙板, 不锈钢等
 Nylon plate,Stainless steelCF8,CF8M,
 CF3M etc



全衬四氟对夹式-蜗轮蝶阀
 PTFE Lining Wafer type-
 Gear Butterfly Valve

型号Modle: 320D37A1F4
 口径Diameter: DN40-DN1000
 压力Pressure: PN1. 0-PN1.6Mpa
 适用介质Medium: 淡水海水, 空气,
 酸性, 碱性液体, 油, 醇类等
 Freshwater, Seawater, Air, Acid,
 Alkaline liquid, oil, alcohols etc
 适用温度Temperature: -40℃-150℃
 阀体材质Body Material: 碳钢不锈钢
 Carbon steel, Stainless steel
 阀板材质Disc Material: 碳钢衬四氟、不锈钢等
 WCB Lining F4Stainless steelCF8,CF8M,CF3M etc



对夹式-无靠背手柄蝶阀
 Wafer type-Non Back
 Handle Butterfly Valve

型号Modle: 220D7A1X
 口径Diameter: DN25-DN200
 压力Pressure: PN1. 0-PN1.6Mpa
 适用介质Medium: 淡水, 海水, 空气,
 弱酸性、弱碱性液体, 油, 醇类等
 Freshwater, Seawater, Air, Weak acid,
 alkaline liquid, oil, alcohols etc
 适用温度Temperature: -20℃-140℃
 阀体材质Body Material: 铸铁、球墨铸铁
 Grey cast iron.Ductile iron
 阀板材质Disc Material: 尼龙板, 不锈钢等
 Nylon plate,Stainless steelCF8,CF8M,
 CF3M etc



不锈钢对夹式-无靠背手柄蝶阀
 Stainless steel Wafer type-Non Back
 Handle Butterfly Valve

型号Modle: 220D7A1X
 口径Diameter: DN50-DN200
 压力Pressure: PN1. 0-PN1.6Mpa
 适用介质Medium: 淡水, 海水, 空气,
 弱酸性、弱碱性液体, 油, 醇类等
 Freshwater, Seawater, Air, Weak acid,
 alkaline liquid, oil, alcohols etc
 适用温度Temperature: -20℃-100℃
 阀体材质Body Material: 不锈钢Stainless steel
 阀板材质Disc Material: 不锈钢电泳等
 Stainless steel Electrophoresis etc



对夹式-有靠背手柄蝶阀
 Wafer type- Back Seat
 Handle Butterfly Valve

型号Modle: 320D7A1X
 口径Diameter: DN40-DN200
 压力Pressure: PN1. 0-PN1.6Mpa
 适用介质Medium: 淡水, 海水, 空气,
 弱酸性、弱碱性液体, 油, 醇类等
 Freshwater, Seawater, Air, Weak acid,
 alkaline liquid, oil, alcohols etc
 适用温度Temperature: -20℃-120℃
 阀体材质Body Material: 铸铁、球墨铸铁
 Grey cast iron.Ductile iron
 阀板材质Disc Material: 尼龙板, 不锈钢等
 Nylon plate,Stainless steelCF8,CF8M,
 CF3M etc



衬四氟U型法兰式-有靠背蜗轮蝶阀
 U Flanged type-Back Seat
 Worm Gear Butterfly Valve

型号Modle: 420D34u1F
 口径Diameter: DN50-DN1200
 压力Pressure: PN1. 0-PN1.6Mpa
 适用介质Medium: 淡水, 海水, 空气,
 酸性, 碱性液体, 油, 醇类等
 Freshwater, Seawater, Air, Acid,
 Alkaline liquid, oil, alcohols etc
 适用温度Temperature: -40℃-150℃
 阀体材质Body Material: 铸铁、球墨铸铁、
 碳钢Grey cast iron.Ductile iron, Carbon steel
 阀板材质Disc Material: 尼龙板, 不锈钢等
 Nylon plate,Stainless steelCF8,CF8M,CF3M etc



对夹式-无靠背手柄蝶阀
 Wafer type-Non Back Handle
 Butterfly Valve

型号Modle: 220D7A1X
 口径Diameter: DN25-DN200
 压力Pressure: PN1. 0-PN1.6Mpa
 适用介质Medium: 淡水, 海水, 空气,
 弱酸性、弱碱性液体, 油, 醇类等
 Freshwater, Seawater, Air, Weak acid,
 alkaline liquid, oil, alcohols etc
 适用温度Temperature: -20℃-140℃
 阀体材质Body Material: 铸铁、球墨铸铁
 Grey cast iron.Ductile iron
 阀板材质Disc Material: 尼龙板, 不锈钢等
 Nylon plate,Stainless steelCF8,CF8M,
 CF3M etc



铸铝对夹式-有靠背手柄蝶阀
 Castaluminum Wafer type- Back seat
 Handle Butterfly Valve

型号Modle: 320D7A1X
 口径Diameter: DN40-DN300
 压力Pressure: PN1. 0-PN1.6Mpa
 适用介质Medium: 淡水, 海水, 空气,
 弱酸性、弱碱性液体, 油, 醇类等
 Freshwater, Seawater, Air, Weak acid,
 alkaline liquid, oil, alcohols etc
 适用温度Temperature: -20℃-140℃
 阀体材质Body Material: 铝合金Aluminum alloy
 阀板材质Disc Material: 尼龙板, 不锈钢等
 Nylon plate,Stainless steelCF8,CF8M,
 CF3M etc



对夹式-有靠背手柄蝶阀
 Wafer type- Back Seat
 Handle Butterfly Valve

型号Modle: 320D7A1X
 口径Diameter: DN40-DN200
 压力Pressure: PN1. 0-PN1.6Mpa
 适用介质Medium: 淡水, 海水, 空气,
 弱酸性、弱碱性液体, 油, 醇类等
 Freshwater, Seawater, Air, Weak acid,
 alkaline liquid, oil, alcohols etc
 适用温度Temperature: -20℃-120℃
 阀体材质Body Material: 不锈钢
 Stainless steel
 阀板材质Disc Material: 尼龙板, 不锈钢等
 Nylon plate,Stainless steelCF8,CF8M,
 CF3M etc



脱硫法兰式-手柄蝶阀
 Desulfurization Flanged type-
 Handle Butterfly Valve

型号 Modle: 420D41X
 口径Diameter: DN50-DN200
 压力Pressure: PN1. 0-PN1.6Mpa
 适用介质Medium: 石灰, 石膏, 洗涤浆液,
 烟气, 工业废水等Lime, Gypsum, Washingslurry,
 Flue gas, Industrial waste water etc
 适用温度Temperature: -20℃-120℃
 阀体材质Body Material: 球墨铸铁, 碳钢
 Ductile iron, carbon steel
 阀板材质Disc Material: 双相不锈钢 2507, 超
 级奥氏不锈钢 1.4529 Duplex stainless steel
 2507,Super austenite stainless steel 1.4529



脱硫对夹式-无靠背手柄蝶阀
 Desulfurization Wafer type-Non Back
 Handle Butterfly Valve

型号Modle: 220D7A1X
 口径Diameter: DN25-DN200
 压力Pressure: PN1. 0-PN1.6Mpa
 适用介质Medium: 石灰, 石膏, 洗涤浆液,
 烟气, 工业废水等Lime Gypsum Washing
 slurry Flue gas Industrial waste water
 适用温度Temperature: -20℃-140℃
 阀体材质Body Material: 碳钢carbon steel
 阀板材质Disc Material: 双相不锈钢 2507, 超
 级奥氏不锈钢 1.4529 Duplex stainless steel
 2507,Super austenite stainless steel 1.4529



LT对夹式-无靠背手柄蝶阀
 Lug Wafer type-Non Back
 Handle Butterfly Valve

型号Modle: 220D7L1X
 口径Diameter: DN50-DN200
 压力Pressure: PN1. 0-PN1.6Mpa
 适用介质Medium: 淡水, 海水, 空气,
 弱酸性、弱碱性液体, 油, 醇类等
 Freshwater, Seawater, Air, Weak acid,
 alkaline liquid, oil, alcohols etc
 适用温度Temperature: -20℃-140℃
 阀体材质Body Material: 铸铁、球墨铸铁
 Grey cast iron.Ductile iron
 阀板材质Disc Material: 尼龙板, 不锈钢等
 Nylon plate,Stainless steelCF8,CF8M,CF3M etc



衬四氟对夹式-有靠背手柄蝶阀
 F4 Seat Wafer type- Back Seat
 Handle Butterfly Valve

型号Modle: 320D7A1F
 口径Diameter: DN40-DN150
 压力Pressure: PN1. 0-PN1.6Mpa
 适用介质Medium: 淡水, 海水, 空气,
 弱酸性、弱碱性液体, 油, 醇类等
 Freshwater, Seawater, Air, Weak acid,
 alkaline liquid, oil, alcohols etc
 适用温度Temperature: -40℃-150℃
 阀体材质Body Material: 不锈钢Stainless steel
 阀板材质Disc Material: 不锈钢等
 Stainless steelCF8,CF8M,CF3M etc



法兰式-管网蜗轮蝶阀
 Flanged type-Pipe network
 Worm Gear Butterfly Valve

型号Modle: 420D341X
 口径Diameter: DN50-DN1200
 压力Pressure: PN1. 0-PN1.6Mpa
 适用介质Medium: 淡水, 海水, 空气,
 弱酸性、弱碱性液体, 油, 醇类等
 Freshwater, Seawater, Air, Weak acid,
 alkaline liquid, oil, alcohols etc
 适用温度Temperature: -20℃-120℃
 阀体材质Body Material: 铸铁、球墨铸铁
 碳钢、不锈钢Grey cast iron,Ductile iron,
 carbon steel,Stainless steel
 阀板材质Disc Material: 尼龙板, 不锈钢等
 Nylon plate,Stainless steelCF8,CF8M,CF3M etc

产品总汇 PRODUCT CENTER



法兰式-蜗轮蝶阀
Flanged Type-Worm Gear Butterfly Valve

型号Modle: 420D341X
通径Diameter: DN50-DN1200
压力Pressure: PN0.6-PN1.6Mpa
适用介质Medium: 淡水, 海水, 空气, 弱酸性、弱碱性液体, 油, 醇类等
Freshwater, Seawater, Air, Weak acid、alkaline liquid, oil, alcohols etc
适用温度Temperature: -20℃-120℃
阀体材质Body Material: 铸铁、球墨铸铁
碳钢、不锈钢Grey cast iron,Ductile iron, carbon steel,Stainless steel
阀板材质Disc Material: 尼龙板, 不锈钢等
Nylon plate,Stainless steelCF8,CF8M, CF3M etc



脱硫对夹式-无靠背蜗轮蝶阀
Desulfurization Wafer type-Non Back Worm Gear Butterfly Valve

型号Modle: 220D37A1X
通径Diameter: DN25-DN1200
压力Pressure: PN1.0-PN1.6Mpa
适用介质Medium: 石灰, 石膏, 洗涤浆液, 烟气, 工业废水等Lime Gypsum Washing slurry Flue gas Industrial waste water etc.
适用温度Temperature: -20℃-140℃
阀体材质Body Material: 球墨铸铁, 碳钢
Ductile iron, carbon steel
阀板材质Disc Material: 双相不锈钢 2507, 超级奥氏不锈钢 1.4529 Duplex stainless steel 2507,Super austenite stainless steel 1.4529



对夹式-有靠背蜗轮蝶阀
Wafer type- Back Seat Worm Gear Butterfly Valve

型号Modle: 320D37A1X
通径Diameter: DN40-DN1200
压力Pressure: PN1.0-PN1.6Mpa
适用介质Medium: 淡水, 海水, 空气, 弱酸性、弱碱性液体, 油, 醇类等
Freshwater, Seawater, Air, Weak acid、alkaline liquid, oil, alcohols etc
适用温度Temperature: -20℃-120℃
阀体材质Body Material: 铸铁、球墨铸铁
碳钢、不锈钢Grey cast iron,Ductile iron, carbon steel,Stainless steel
阀板材质Disc Material: 尼龙板, 不锈钢等
Nylon plate,Stainless steelCF8,CF8M, CF3M etc



LT对夹式-无靠背蜗轮蝶阀
Lug Wafer type-Non Back Worm Gear Butterfly Valve

型号Modle: 220D37L1X
通径Diameter: DN50-DN900
压力Pressure: PN1.0-PN1.6Mpa
适用介质Medium: 淡水, 海水, 空气, 弱酸性、弱碱性液体, 油, 醇类等
Freshwater, Seawater, Air, Weak acid、alkaline liquid, oil, alcohols etc
适用温度Temperature: -20℃-140℃
阀体材质Body Material: 铸铁、球墨铸铁
碳钢、不锈钢Grey cast iron,Ductile iron, carbon steel,Stainless steel
阀板材质Disc Material: 尼龙板, 不锈钢等
Nylon plate,Stainless steelCF8,CF8M,CF3M etc

消防信号蝶阀
Fire Signal Butterfly Valve

型号Modle: 220D37A1X
通径Diameter: DN25-DN1200
压力Pressure: PN1.0-PN1.6Mpa
适用介质Medium: 淡水, 海水, 空气, 弱酸性、弱碱性液体, 油, 醇类等
Freshwater, Seawater, Air, Weak acid、alkaline liquid, oil, alcohols etc
适用温度Temperature: -20℃-140℃
阀体材质Body Material: 铸铁、球墨铸铁
碳钢、不锈钢Grey cast iron,Ductile iron, carbon steel,Stainless steel
阀板材质Disc Material: 尼龙板, 不锈钢等
Nylon plate,Stainless steelCF8,CF8M, CF3M etc



船用对夹式-有靠背蜗轮蝶阀
Marine Wafer type- Back Seat Worm Gear Butterfly Valve

型号Modle: 320D37A1X
通径Diameter: DN40-DN1200
压力Pressure: PN1.0-PN1.6Mpa
适用介质Medium: 淡水, 海水, 空气, 弱酸性、弱碱性液体, 油, 醇类等
Freshwater, Seawater, Air, Weak acid、alkaline liquid, oil, alcohols etc
适用温度Temperature: -20℃-120℃
阀体材质Body Material: 铸铁、球墨铸铁
碳钢、不锈钢Grey cast iron,Ductile iron, carbon steel,Stainless steel
阀板材质Disc Material: 铝青铜C954
Aluminum bronze C954



对夹式-无靠背气动蝶阀
Wafer type-Non Back Pneumatic Butterfly Valve

型号Modle: 220D67A1X
通径Diameter: DN25-DN1200
压力Pressure: PN1.0-PN1.6Mpa
适用介质Medium: 淡水, 海水, 空气, 弱酸性、弱碱性液体, 油, 醇类等
Freshwater, Seawater, Air, Weak acid、alkaline liquid, oil, alcohols etc
适用温度Temperature: -20℃-140℃
阀体材质Body Material: 铸铁、球墨铸铁
碳钢、不锈钢Grey cast iron,Ductile iron, carbon steel,Stainless steel
阀板材质Disc Material: 尼龙板, 不锈钢等
Nylon plate,Stainless steelCF8,CF8M, CF3M etc

对夹式-有靠背气动蝶阀
Wafer type- Back Seat Pneumatic Butterfly Valve

型号Modle: 320D67A1X
通径Diameter: DN40-DN1200
压力Pressure: PN1.0-PN1.6Mpa
适用介质Medium: 淡水, 海水, 空气, 弱酸性、弱碱性液体, 油, 醇类等
Freshwater, Seawater, Air, Weak acid、alkaline liquid, oil, alcohols etc
适用温度Temperature: -20℃-120℃
阀体材质Body Material: 铸铁、球墨铸铁
碳钢、不锈钢Grey cast iron,Ductile iron, carbon steel,Stainless steel
阀板材质Disc Material: 尼龙板, 不锈钢等
Nylon plate,Stainless steelCF8,CF8M,CF3M etc



脱硫对夹式-无靠背气动蝶阀
Desulfurization Wafer type- Non Back Pneumatic Butterfly Valve

型号Modle: 220D67A1X
通径Diameter: DN25-DN1200
压力Pressure: PN1.0-PN1.6Mpa
适用介质Medium: 石灰, 石膏, 洗涤浆液, 烟气, 工业废水等Lime Gypsum Washing slurry Flue gas Industrial waste water etc.
适用温度Temperature: -20℃-140℃
阀体材质Body Material: 球墨铸铁, 碳钢
不锈钢Ductile iron, carbon steel
Stainless steel
阀板材质Disc Material: 双相不锈钢 2507, 超级奥氏不锈钢 1.4529 Duplex stainless steel 2507,Super austenite stainless steel 1.4529.

法兰式-粉末气动蝶阀
Flanged type- Powder Pneumatic Butterfly Valve

型号Modle: 420D641X
通径Diameter: DN100-DN300
压力Pressure: PN1.0-PN1.6Mpa
适用介质Medium: 粉末, 颗粒, 空气等
Powder, Particles, Air etc.
适用温度Temperature: -20℃-100℃
阀体材质Body Material: 铝合金Aluminum alloy
阀板材质Disc Material: 钢衬丁腈胶
Steel lining NBR



对夹式-气动印染（特氟龙）蝶阀
Wafer type- Pneumatic Dipdye (Teflon) Butterfly Valve

型号Modle: 220D67A1X
通径Diameter: DN50-DN200
压力Pressure: PN1.0-PN1.6Mpa
适用介质Medium: 淡水, 海水, 空气, 酸性、碱性液体, 油, 醇类等
Freshwater, Seawater, Air, Acid, Alkaline liquid, oil, alcohols etc
适用温度Temperature: -40℃-180℃
阀体材质Body Material: 铸铁、球墨铸铁
Grey cast iron.Ductile iron
阀板材质Disc Material: 不锈钢等
Stainless steelCF8,CF8M,CF3M etc



对夹式-气动调节阀
Wafer type- Pneumatic Contorl Valve

型号Modle: 320D67A1F4
通径Diameter: DN40-DN1000
压力Pressure: PN1.0-PN1.6Mpa
适用介质Medium: 淡水, 海水, 空气, 弱酸性、弱碱性液体, 油, 醇类等
Freshwater, Seawater, Air, Weak acid、alkaline liquid, oil, alcohols etc
适用温度Temperature: -20℃-120℃
阀体材质Body Material: 碳钢、不锈钢
carbon steel, Stainless steel
阀板材质Disc Material: 钢衬F46, 钢衬F4
不锈钢 Steel liner F46,Steel liner F4, Stainless steelCF8,CF8M,CF3M etc



对夹式-无靠背电动蝶阀
Wafer type-Non Back Electric Butterfly Valve

型号Modle: 220D97A1X
通径Diameter: DN25-DN1200
压力Pressure: PN1.0-PN1.6Mpa
适用介质Medium: 淡水, 海水, 空气, 弱酸性、弱碱性液体, 油, 醇类等
Freshwater, Seawater, Air, Weak acid、alkaline liquid, oil, alcohols etc
适用温度Temperature: -20℃-140℃
阀体材质Body Material: 铸铁、球墨铸铁
碳钢、不锈钢Grey cast iron,Ductile iron, carbon steel,Stainless steel
阀板材质Disc Material: 尼龙板, 不锈钢等
Nylon plate,Stainless steelCF8,CF8M, CF3M etc

对夹式-有靠背电动蝶阀
Wafer type-Back Seat Electric Butterfly Valve

型号Modle: 320D97A1X
通径Diameter: DN40-DN1200
压力Pressure: PN1.0-PN1.6Mpa
适用介质Medium: 淡水, 海水, 空气, 弱酸性、弱碱性液体, 油, 醇类等
Freshwater, Seawater, Air, Weak acid、alkaline liquid, oil, alcohols etc
适用温度Temperature: -20℃-120℃
阀体材质Body Material: 铸铁、球墨铸铁
碳钢、不锈钢Grey cast iron,Ductile iron, carbon steel,Stainless steel
阀板材质Disc Material: 尼龙板, 不锈钢等
Nylon plate,Stainless steelCF8,CF8M, CF3M etc



脱硫对夹式-无靠背电动蝶阀
Desulfurization Wafer type-Non Back Worm Electric Butterfly Valve

型号Modle: 220D97A1X
通径Diameter: DN25-DN1200
压力Pressure: PN1.0-PN1.6Mpa
适用介质Medium: 石灰, 石膏, 洗涤浆液, 烟气, 工业废水等Lime Gypsum Washing slurry Flue gas Industrial waste water etc.
适用温度Temperature: -20℃-140℃
阀体材质Body Material: 球墨铸铁, 碳钢
Ductile iron, carbon steel
阀板材质Disc Material: 双相不锈钢 2507, 超级奥氏不锈钢 1.4529 Duplex stainless steel 2507,Super austenite stainless steel 1.4529

法兰式-电动调节阀
Flanged type-Electric Contorl Valve

型号Modle: 420D941X
通径Diameter: DN50-DN1200
压力Pressure: PN0.6-PN1.6Mpa
适用介质Medium: 淡水, 海水, 空气, 弱酸性、弱碱性液体, 油, 醇类等
Freshwater, Seawater, Air, Weak acid、alkaline liquid, oil, alcohols etc
适用温度Temperature: -20℃-120℃
阀体材质Body Material: 铸铁、球墨铸铁
碳钢、不锈钢Grey cast iron,Ductile iron, carbon steel,Stainless steel
阀板材质Disc Material: 尼龙板, 不锈钢等
Nylon plate,Stainless steelCF8,CF8M,CF3M etc





对夹式-气动膨胀蝶阀
Wafer type -Pneumatic Dilation
Butterfly Valve

型号Modle: 220D671X
通径Diameter: DN100-DN300
压力Pressure: PN1.0-PN1.6Mpa
适用介质Medium: 石灰, 石膏, 洗涤浆液, 烟气, 工业废水等Lime, Gypsum, Washing slurry, Flue gas, Industrial waste water etc
适用温度Temperature: -20℃-120℃
阀体材质Body Material: 球墨铸铁
Ductile iron
阀板材质Disc Material: 不锈钢等
Stainless steel CF8,CF8M,CF3M etc



型号 Modle:
通径Diameter:
压力Pressure: PN0.25-PN0.6Mpa
适用介质Medium: 空气, 烟气等
Air, Flue gas etc
适用温度Temperature: -40℃-425℃
阀体材质Body Material: 碳钢, 不锈钢
Barbon steel, Stainless steel
阀板材质Disc Material: 碳钢、不锈钢等
Carbon steel Stainless steel
CF8,CF8M,CF3M etc



对夹式-三偏心蝶阀
Wafer type- Triple offset Butterfly Valve

型号Modle: 330D373H/F
通径Diameter: DN40-DN1000
压力Pressure: PN1.0-PN6.4Mpa
适用介质Medium: 淡水, 海水, 空气, 弱酸性、弱碱性液体, 油, 醇类等
Freshwater, Seawater, Air, Weak acid、alkaline liquid, oil, alcohols etc
适用温度Temperature: -40℃-425℃
阀体材质Body Material: 碳钢, 不锈钢
Barbon steel, Stainless steel
阀板材质Disc Material: 碳钢、不锈钢等
Carbon steel Stainless steel
CF8,CF8M,CF3M etc



法兰式-三偏心蝶阀
Flanged type- Triple offset
Butterfly Valve

型号Modle: 430D343H/F
通径Diameter: DN40-DN1200
压力Pressure: PN1.0-PN6.4Mpa
适用介质Medium: 淡水, 海水, 空气, 弱酸性、弱碱性液体, 油, 醇类等
Freshwater, Seawater, Air, Weak acid、alkaline liquid, oil, alcohols etc
适用温度Temperature: -40℃-425℃
阀体材质Body Material: 碳钢, 不锈钢
Barbon steel, Stainless steel
阀板材质Disc Material: 碳钢、不锈钢等
Carbon steel Stainless steel
CF8,CF8M,CF3M etc



双偏心法兰蜗轮蝶阀
Double Flange Eccentric Worm Gear
Butterfly Valve

型号 Modle: 430D341X-10
通径Diameter: DN100-DN2000
压力Pressure: PN1.0Mpa
适用介质Medium: 淡水, 空气, 等
Freshwater, Air, etc
适用温度Temperature: -10℃-80℃
阀体材质Body Material: 球铁、碳钢
QT450, WCB
阀板材质Disc Material: 球铁、碳钢
QT450, WCB



双偏心法兰电动蝶阀
Double Flange Eccentric Electric
Butterfly Valve

型号 Modle: 430D941X-10
通径Diameter: DN100-DN2000
压力Pressure: PN1.0Mpa
适用介质Medium: 淡水, 空气, 等
Freshwater, Air, etc
适用温度Temperature: -10℃-80℃
阀体材质Body Material: 球铁、碳钢
QT450, WCB
阀板材质Disc Material: 球铁、碳钢
QT450, WCB

气动UPVC蝶阀
Pneumatic UPVC Butterfly Valve

型号Modle: 220D671u
通径Diameter: DN40-DN300
压力Pressure: PN1.0Mpa
适用介质Medium: 淡水, 海水, 空气, 弱酸性、弱碱性液体, 油, 醇类等
Freshwater, Seawater, Air, Weak acid、alkaline liquid, oil, alcohols etc
适用温度Temperature: -20℃-100℃
阀体材质Body Material: UPVC、PVDF、FRP、PP



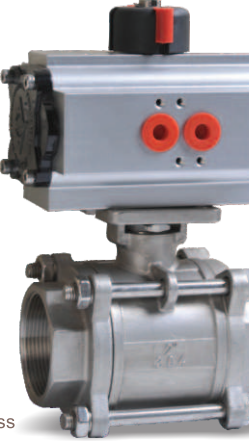
气动UPVC球阀
Pneumatic UPVC Ball Valve

型号Modle: 540Q611F
通径Diameter: DN15-DN150
压力Pressure: PN1.0-PN1.6Mpa
适用介质Medium: 淡水, 海水, 空气, 弱酸性、弱碱性液体, 油, 醇类等
Freshwater, Seawater, Air, Weak acid、alkaline liquid, oil, alcohols etc
适用温度Temperature: -20℃-80℃
阀体材质Body Material: UPVC、PVDF、FRP、PP



气动螺纹球阀
Pneumatic Thread Ball Valve

型号Modle: 540Q611F
通径Diameter: DN15-DN100
压力Pressure: PN1.0-PN4.0Mpa
适用介质Medium: 淡水, 海水, 空气, 弱酸性、弱碱性液体, 油, 醇类等
Freshwater, Seawater, Air, Weak acid、alkaline liquid, oil, alcohols etc
适用温度Temperature: -20℃-140℃
阀体材质Body Material: 不锈钢Stainless steel



电动法兰球阀
Electric Flanged Ball Valve

型号Modle: 540Q941F
通径Diameter: DN25-DN350
压力Pressure: PN1.0-PN4.0Mpa
适用介质Medium: 淡水, 海水, 空气, 弱酸性、弱碱性液体, 油, 醇类等
Freshwater, Seawater, Air, Weak acid、alkaline liquid, oil, alcohols etc
适用温度Temperature: -20℃-140℃
阀体材质Body Material: 碳钢, 不锈钢
Barbon steel, Stainless steel



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蝶阀安装要点Main points of installing Butterfly Valve

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1	企业产品代号：220D 320D 420D 330D 430D 120H 140H 520Q 640Z 710J 810GL 910G等
2	类型代号：D-蝶阀、H-止回阀、Q-球阀、GL-过滤器、Z-闸阀、J-截止阀、G-隔膜阀
3	传动方式代号：3-蜗轮传动、6-气动传动、9-电动传动，手柄代号省略。
4	连接形式代号：7A-对夹式、7L-单夹式、4-法兰式、6-焊接式、1-螺纹式
5	结构形式代号：1-中线蝶阀。3-双偏心
6	阀座密封面材料代号：X3-乙丙橡胶、X5-丁腈橡胶、X6-耐磨橡胶、X7-氟橡胶、X8 硅橡胶、X9-耐热乙丙橡胶、F-聚四氟乙烯、
7	阀板表面密封材料代号：N-尼龙、D-镀镍、P-304SS R-316SS、RL-316LSS、H-双相不锈钢、T-铝青铜、J-衬胶、F-衬氟
8	公称压力代号：6=0.6MPa、10=1.0MPa、16=1.6MPa、25=2.5MPa、40=4.0MPa、64=6.4MPa、100=10.0MPa.
9	阀体材料代号：Z-灰铸铁、Q-球墨铸铁、C-碳钢、P-304SS R-316SS、RL-316LSS、T-铝青铜、S-塑料
10	阀轴与阀板连接形式代号：1-有销连接，无销代号省略。

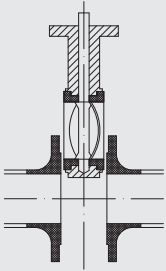
编号示例：220D7A1XN-16Z 表示对夹式无靠背中线蝶阀,压力等级16公斤,灰铸铁阀体。
420D341KH-16Q 表示法兰式中线蝶阀,压力等级16公斤,球墨铸铁阀体,蜗轮传动。

●不可忽视的蝶阀安装要点

1. 要求使用对焊法兰, 不建议采用平焊法兰, 因为钢管伸进平焊法兰, 容易碰到阀板, 影响阀板自由启闭。
2. 确认法兰尺寸必须允许阀板自由转动, 法兰内径不能过小或过大, 见下图。
3. 蝶阀装上后不允许再焊接法兰, 以免烫伤衬圈。

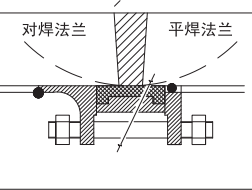
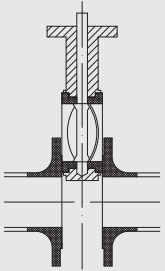
正确的安装方法：

将两片法兰撑开至于最大距离，以便于去将整个阀体插进去（阀板小角度开启）。较好的方法是先挂住底部一个螺栓，然后将整个蝶阀向上旋转插进二片法兰之间。

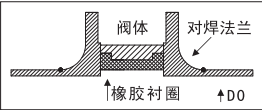


不正确的安装方法：

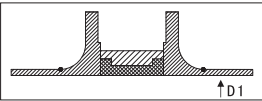
如未将两片法兰撑开足够距离可能损伤或卷起衬圈。



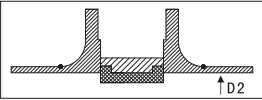
对法兰内径尺寸的要求



D0 能够让蝶板自由启闭的最小法兰(内)直径(在蝶阀完全对中的情况下)过小将影响蝶板自由启闭



D1 最佳法兰(内)直径



D2 低压情况下的最大法兰(内)直径法兰直径过大，将导致渗漏量增大，密封性能降低。

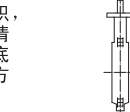
蝶阀安装方向

最好水平横装
(阀轴水平)

推荐方向：阀轴水平放置

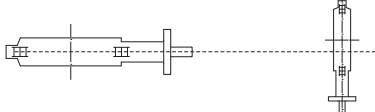


杂质不易在阀底沉积，且阀板开启时有自清扫作用。要求阀板底部开启方向与水流方向一致

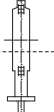


可接受方向

可接受方向



不建议



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1	Product Code: 220D 320D 420D 330D 430D 120H 140H 540Q 640Z 710J 810GL 910G, etc.
2	Code Name of Style: D-Butterfly Valve H-Check Valve, Q-Ball Valve, GL-Strainer, Z-Gate Valve, J-Globe Valve, G-Diaphragm Valve,
3	Code Name of Operation: 3-Gearbox, 6-Penumatic, 9-Motorized, The Code Name of Handie is omitted.
4	Code Name of Connection: 7A-Wafer, 7L-Lug Type, 4-Flanged, 6-Welded Type, 1-Threaded Type.
5	Code Name of Construction: 1-Center Line Butterfly Valve, 3-Double-eccentric center Butterfly Valve
6	Code Name of Seat and Stem bushing: X3-EPDM, X5-NBR, X6-Wear-resistant Rubber, X7-Fluorine Rubber, X8-Silicone Rubber, X9-Heat Proof EPDM, F-PTEE
7	Code Name of Material of Disc: N-Coated Nylon, D-Coated Nickel, P-SS304, R-SS316, RL-SS316L, H-Duplex Stainless Steel, T-Aluminum Bronze, J-Rubber lining, F
8	Code Name of Normal Pressure: 6=0.6MPa、10=1.0MPa、16=1.6MPa、25=2.5MPa、40=4.0MPa、64=6.4MPa、100=10.0MPa.
9	Code Name of Material of Body: Z-Cast Iyon, Q-Ductile Iron, C-Carbon Steel, P-SS304, R-SS316, RL-SS316L, T-Aluminum Bronze, S-Plastic.
10	Code Name of Connection Between Stem and Disc: 1-With Pin, The Code Name of without Pin is omitted

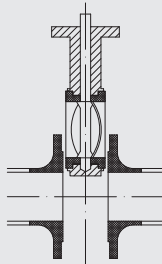
For Example 220D7A1XN 16Z means No-Back Middle Stem Butterfly Valve wafer style Normal pressure is 1.6MPa The material of body is Cast Iron 420D7341XN 16Q means Middle Stem Flanged Butterfly Valve Normal pressure is 1.6MPa The Material of body is Ductile Iron Operated by Gearbox

● Main points of installing Butterfly Valve

- 1.Recommend to use Butt welding flange. Do not Use flat welding flange because steel pipe can easily meet disc to affect opening and closing freely disc if steel pipe enter flat welding flange
- 2.The inner diameter of flange can' t be too small or too big and must confirm the dimension of flange so that the disc can turn free
- 3.For avoiding scalding the seat, do not weld flange after the butterfly valve was installed in pipe

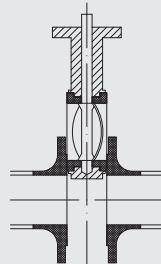
Correct installation

keeping the biggest space between two flanges so that the whole valve can enter this space (please open valve a little bit) the better way will be that one bolt was hung at the bottom of valve at first , then turn up and put whole valve into the space between two flanges



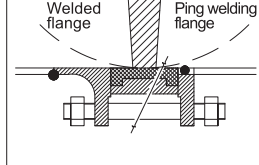
Incorrect installation

If have not kept the biggest space between two flanges, perhaps the seat can be damaged or rolled up by flanges

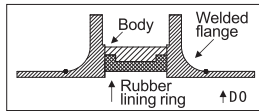


Flange diameter size of the request

Welded flange
Ping welding flange

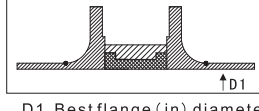


Body
Welded flange
Rubber lining ring
D0

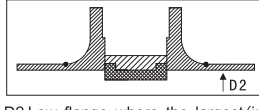


D0 Butterfly board to allow freedom of the small set gate flange (in) in diameter (in the butterfly in full on the circumstances) influence over young butterfly plate free gate

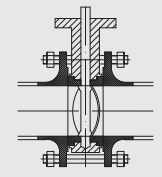
D1 Best flange (in) diameter



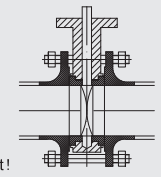
D2 Low flange where the largest (in) diameter flange diameter is too large, will lead to the increased amount of leakage, sealing performance



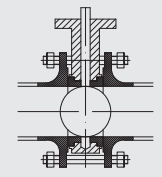
In the disc to be opened in a small angle (not completely closed) state, put all the bolts, but do not tightened



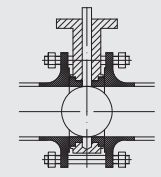
tightening of the bolt would cause over compressed seat In the butterfly valve to be closed completely state, leading to excessive torque of opening and closing and affecting the normal opening and closing or damaging seat perhaps Must pay attention to this point!



Fully open the butterfly valves, and confirmed butterfly valve has been in the middle of pipeline ,and freedom to operate, and then tightening bolts one by one according to diagonal of flange.



Do not need to use gaskets for sealing and grease



Directions of installing butterfly valve

The best way is installation horizontally (the stem is in the level state)



Recommended Direction
The stem is in level state

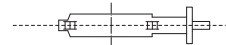
impurities is not easy to be deposited at the bottom of valve, and when opening the disc, the valve will have the function of self cleaning.
Demand to have same directions between opening the bottom of valve and flow.



Acceptable direction

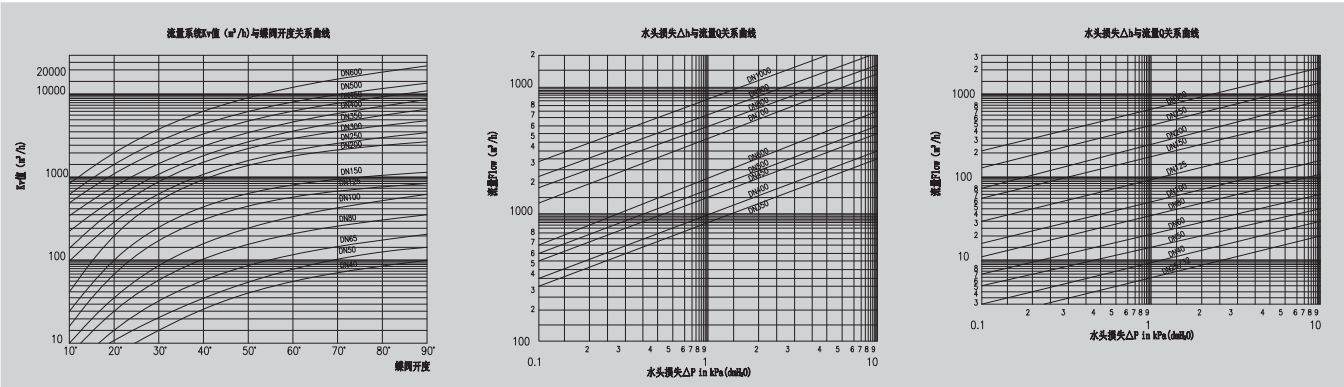


Acceptable direction



Un-recommended Direction:





规格DN		阀门开启角度流量Cv值								90° 开启时 Cv值
DN(mm)	(inch)	10°	20°	30°	40°	50°	60°	70°	80°	
50	2	0.1	5	12	24	45	64	90	125	135
65	2.5	0.2	8	20	37	65	98	144	204	220
80	3	0.3	12	22	39	70	116	183	275	302
100	4	0.5	17	36	78	139	230	364	546	600
125	5	0.8	29	61	133	237	392	620	930	1022
150	6	2	45	95	205	366	605	958	1437	1579
200	8	3	89	188	408	727	1202	1903	2854	3136
250	10	4	151	320	694	1237	2047	3240	4859	5340
300	12	5	234	495	1072	1911	3162	5005	7507	8250
350	14	6	338	715	1549	2761	4568	7230	10844	11917
400	16	8	464	983	2130	3797	6282	9942	14913	16388
450	18	11	615	1302	2822	5028	8320	13168	19752	21705
500	20	14	791	1674	3628	6465	10698	16931	25396	27908
600	24	22	1222	2587	5605	9989	14949	22769	34898	43116

非常适用 Very suit

有限适用 Limited suit

适用 Suitbale

不适用 Not suit

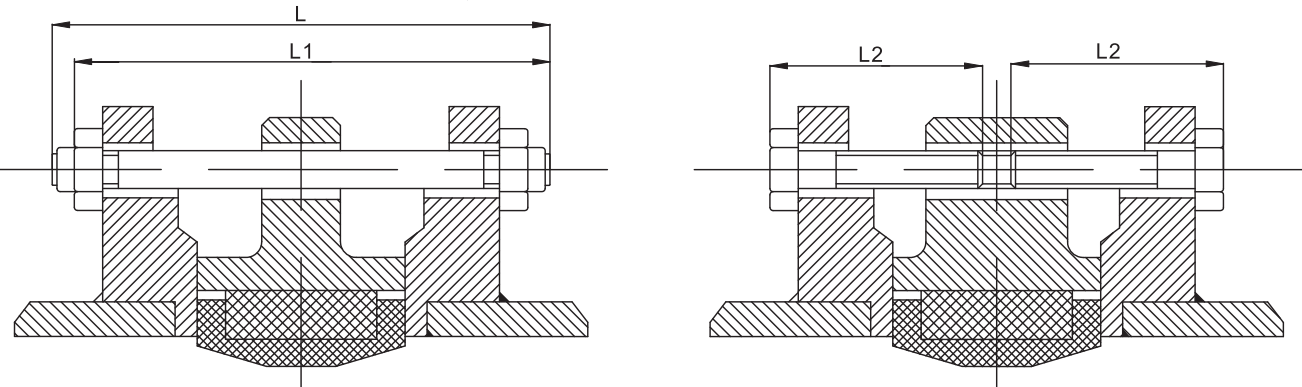
密封副材质 Material of sealing pair		适用温度 Suitable temperature	介质类型及适用程度 Kinds of media&suitable degree												突出特点 Main feature		价格 Price
			淡水 Fresh water	海水 Sea water	盐类 Salt	强碱 Strong soda	弱碱 Light soda	强酸 Strong Acid	弱酸 Light Acid	天然气 Gas	醇类 Alcohol	空气 Air	蒸汽 Steam	油类 Oil	食品 Food		
阀座 Seat	丁腈NBR	-10~93℃														耐油Oil resisting	低Low
	三元乙丙EPDM	-50~135℃														耐老化Ageing Resisting	较低Lower
	天然橡胶NR	-20~80℃														耐弹性High spring	低Low
	氯丁橡胶CR	-40~82℃														耐光、耐老化 Light&Ageing resisting	低Low
	硅橡胶SI	-65~220℃														耐高温 High temperature resisting	高High
	氟橡胶FPM	-23~200℃														耐高温、耐腐蚀High temper- ature&Corrosion resisting	昂贵 Very high
蝶板 Disc	聚四氟乙烯PTFE	-210~180℃														耐强腐蚀、耐热Corrosion &high temperature resisting	昂贵 Very high
	球铁电镀Plated ductile iron	-30~350℃														耐热High resisting	低Low
	球铁尼龙覆层 Ductile iron nylon coating	-30~95℃														抗蚀、耐磨、减摩Corrosion& wear resisting fricton relieving	较低Lower
	球铁氯化聚醚覆层Ductie chloropoly there coating	-30~130℃														耐强腐蚀、耐磨Wear& corrosion resisting	较低Lower
	球铁四氟覆层 Ductile iron PTFE coating	-30~160℃														耐强腐蚀、耐热Corrosion &high temperature resisting	昂贵 Very high
	铝青铜Alumium bronze	-273~232℃														耐热、耐腐蚀Heat& Corrosionr resisting	高High
	不锈钢Stainless steel	-268~538℃														耐高温、耐腐蚀Heat Reaisti ong& Corrosionr resisting	高High
	碳钢电镀Plated carbon steel	-29~425℃														耐高温Heat Reaisting	较低Lower
	双相不锈钢2507 Duplex stainless steel	-268~538℃														耐高温、耐腐蚀Heat Reaisti ong& Corrosionr resisting	昂贵 Very high
脱硫脱硝合金钢 1.4529		-268~538℃														耐高温、耐腐蚀Heat Reaisti ong& Corrosionr resisting	昂贵 Very high

1. 本表仅供参考，客户订货时应详告介质、名称、浓度、温度、压力，我们帮您作出最佳选择。 This sheet is for reference, customer must tell names,thickness,temperature,pressure in order.So that we can give you the best advice.
2. 表中: ▲流速大于1.5M/S不适用Sheet: Current velocity over 1.5M/S not suit 氢氧化钾不适用 Potassium hydroxide not suit

技术参数 Technical Parameters

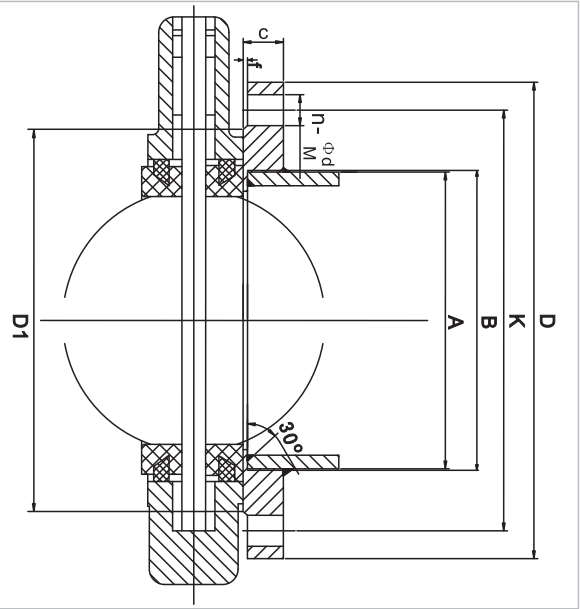
● 采标目录 Adopting Standard List

项目名称 Subject	采用标准 Adopting Standard	可选标准 Optional Standard
设计制造验收 Design & Manufacture & Acceptance	ISO 10631-1991	GB/T 12238-2008
阀门结构长度 Face to Face Dimesion	ISO 5752-1988	GB/T 12221-2005
阀门法兰连接 Flange Connection Standard	ISO 7005.2	GB 9113.1-2010
阀门检验 Inspection Standard	ISO/DIN 5208-1987	GB/T 13927-2008
阀门标志 Valve Sign	ISO 5209-1987	GB 12220-1989
驱动装置连接 Operation Connection Standard	ISO/DIN 5211-1982	GB 12223-1989
阀门供货要求 Delivery Standard	-	GB/T 12252



注： 1. 双头螺栓采用标准为GB898-88bm=1. 25d 2. 六角螺栓采用标准为GB580-86
3. DN900 (36″), DN1000 (40″) PN1. 0MPa及DN700 (28″) PN1. 6MPa“ A ”型阀体二脖颈处采用六角螺栓连接。数量分别为4x2, 列于六角螺栓栏中。

Note: 1. The bolts are in accordance with GB898-88bm=1. 25d. 2. Hexagon bolts are in accordance with GB580-86.
3.Hexagon bolts are also use for neck connection of “A” type valve body of DN900(36″), DN1000(40″)PN1.0MPa and DN700(28″)PN1.6MPa.The quantities of hexagon bolts are 4X2 and it will be listed in the column of hexagon bolts.



注：
1、法兰连接尺寸符合GB/T9113.1-2010 (ISO 7005. 2: 1998) 的规定。
2、管子外径尺寸 “A” 符合GB8163 - 87 《热轧无缝钢管标准》，DN700 (28″)-1000 (40″) 大口径钢管外径尺寸由设计者自定。
3、用户自配法兰时，内凸圆直径B应按下表提供的尺寸执行。

Note
1.Connection dimensions of valve flange is designed in accordance with GB/T9113.1-2010 (ISO 7005.2: 1998)
2.Outer diameter “A” of pipe is in accordance with GB88163-87 of 《Hot-rolled Seamless Steel Tube Standards》. For larger diameter steel pipe, the outer diameter is specified by designers.
3.In case of the flange is provided by user self, the diameter B should be in accordance with the sizewhich are listed in HDV’s catalogue.

► 国标法兰尺寸表PN10 Flange SIZE PN10 “A”, “LT”, “Flange”
中线蝶阀 Center line Butterfly Valve

		注:带*作参考With* for reference 单位Unit: mm																	
规格 Size	mm	DN	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600
	In		1. 0	1. 2	1. 5	2	2. 5	3	4	5	6	8	10	12	14	16	18	20	24
管子外径 Outer diameter of pipe	A		32	38	45	57	73	89	108	133	159	219	273	325	377	426	480	530	630
法兰外径 Outer diameter of flange	D		115	140	150	165	185	200	220	250	285	340	395	445	505	565	615	670	780
中心圆直径 Diameter of center circle	K		85	100	110	125	145	160	180	210	240	295	350	400	460	515	565	620	725
密封面外径 Outer diameter of sealing face	D1		68	78	88	102	122	138	158	188	212	268	320	370	430	482	532	585	685
法兰内径 Inner diameter of flange	B		33	39	46	59	75	91	110	135	161	222	276	328	380	430	484	534	634
密封面厚度 Thickness of sealing face	f		2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	5
法兰厚度 Flange thickness	C		18	18	18	18	18	20	20	22	22	24	26	26	26	26	28	28	34
螺栓数量, 孔、规格 Number of boltf, hole, Inch	n- $\frac{\Phi d}{M}$		4- $\frac{14}{12}$	4- $\frac{18}{16}$	4- $\frac{18}{16}$	4- $\frac{18}{16}$	4- $\frac{18}{16}$	8- $\frac{18}{16}$	8- $\frac{18}{16}$	8- $\frac{18}{16}$	8- $\frac{22}{20}$	8- $\frac{22}{20}$	12- $\frac{22}{20}$	12- $\frac{22}{20}$	16- $\frac{23}{20}$	16- $\frac{26}{24}$	20- $\frac{26}{24}$	20- $\frac{26}{24}$	24- $\frac{30}{27}$
A 型单、双头螺栓 * A Type Double end bolt	L1 L		85 98	85 98	87 101	110 130	120 140	120 140	130 150	130 150	140 165	150 175	160 185	170 195	170 195	190 220	220 250	260 290	290 324
LT 型六角螺栓 * Lug Type Hexagon bolt	L2				32	40	45	45	50	50	50	55	60	65	65	75	80	90	100
法兰式六角螺栓 * Flange Type Hexagon bolt			55	55	55	60	60	60	65	65	75	75	80	80	80	85	90	90	100

► 国标法兰尺寸表PN16 Flange SIZE PN16 “A”, “LT”, “Flange”
中线蝶阀 Center line Butterfly Valve

		注:带*作参考With* for reference 单位Unit: mm																	
规格 Size	mm	DN	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600
	In		1. 0	1. 2	1. 5	2	2. 5	3	4	5	6	8	10	12	14	16	18	20	24
管子外径 Outer diameter of pipe	A		32	38	45	57	73	89	108	133	159	219	273	325	377	426	480	530	630
法兰外径 Outer diameter of flange	D		115	140	150	165	185	200	220	250	285	340	405	460	520	580	640	715	840
中心圆直径 Diameter of center circle	K		85	100	110	125	145	160	180	210	240	295	355	410	470	525	585	650	770
密封面外径 Outer diameter of sealing face	D1		68	78	88	102	122	138	158	188	212	268	320	378	438	490	550	610	725
法兰内径 Inner diameter of flange	B		33	39	46	59	75	91	110	135	161	222	276	328	380	430	484	534	634
密封面厚度 Thickness of sealing face	f		2	2	3	3	3	2	2	3	3	3	3	4	4	4	4	4	5
法兰厚度 Flange thickness	C		18	18	18	18	18	20	22	22	22	24	26	28	30	32	40	44	54
螺栓数量, 规格 Number of boltf, Inch	n- $\frac{\Phi d}{M}$		4- $\frac{14}{12}$	4- $\frac{18}{16}$	4- $\frac{18}{16}$	4- $\frac{18}{16}$	4- $\frac{18}{16}$	8- $\frac{18}{16}$	8- $\frac{18}{16}$	8- $\frac{18}{16}$	8- $\frac{22}{20}$	12- $\frac{22}{20}$	12- $\frac{26}{24}$	12- $\frac{26}{24}$	16- $\frac{26}{24}$	16- $\frac{30}{27}$	20- $\frac{30}{27}$	20- $\frac{33}{30}$	24- $\frac{36}{33}$
A 型单、双头螺栓 * A Type Double end bolt	L1 L		85 98	85 98	87 101	110 130	120 140	120 140	130 150	130 150	140 165	150 175	160 185	170 200	170 200	200 230	220 254	260 294	290 334
LT 型六角螺栓 * Lug Type Hexagon bolt	L2				32	40	45	45	50	50	50	55	60	65	65	75	80	90	100
法兰式六角螺栓 * Flange Type Hexagon bolt			55	55	55	60	60	60	65	65	75	75	80	90	90	100	110	120	150

无靠背蝶阀特点 Features of No Back Butterfly Valve

标准顶部法兰孔符合ISO5211标准，适合于装配手柄、蜗轮、电动头和气动头等驱动装置。
Top flange is according to the standard of ISO5211, and it fit for kinds of actuating devices. Such as handle, gearbox, electric and pneumatic actuators. etc.

法兰连接孔符合ISO7005.2标准. 国标. 德标. 美标150lbs. 日标5K/10K
Flange connection meets the standard of ISO7005.2, GB, DIN, ANSI 150LBS JIS5K/10K

阀杆: 采用高强度单杆设计，阀杆与阀板的连接采用双扁精密咬合设计，无需螺丝和销钉，避免与管线内的流体接触，防止泄露及腐蚀，而且拆卸上只需把阀杆从阀板拔出，安装及维修非常方便。
Stem: Adopting high strength single rod design, and double flat precision occlusion design for the connection of stem and disc. This design is to connect without screws and pins. To avoid contact of the fluid in pipe line, and to prevent leakage and corrosion, meanwhile it make convenient installation and maintenance.
可选材料 Optional Material:
1. 45#钢 Steel 45# (Chinese Standard)
2. 不锈钢 Stainless iron 410/416
3. 不锈钢 304/316/316L 17-4(630)
Stainless Steel 304/316/316L 17-4(630)

阀座: 采用舌槽接合式阀座设计，能够完全把阀体与管内介质隔离，具有更低的扭矩，阀座密封面有凸起O型环，无需在安装时另加法兰垫片。
Seat: The design of valve seat is adopted the tongue-and-groove joint type, which can completely isolating medium body with tube, and it has a lower torque, the sealing side of valve seat has convex o-rings to save flange gasket of valve installation.
可选材料: Optional Material:
1. 丁腈橡胶 NBR
2. 三元乙丙胶 EPDM
3. 氟橡胶 Viton
4. 硅橡胶 Silicon rubber
5. 耐热EPDM High-temperature EPDM
6. 耐磨EPDM Wear resistance EPDM
7. 特氟龙 Teflon

阀杆保持圆环: 保持圆环把阀杆固定在阀体内一个止推垫圈和“C”型垫片，用专用小工具就可拆卸，可防止阀杆无意识拔出。
Stem keep ring: Valve stem can be fixed in the valve body by keep ring. With a thrust washer and “C” type gasket to prevent the valve stem not pulled out, and with special tiny tool can remove.

密封圈: 自调式双“U”环形设计的密封圈保证双向零泄露，并防止异物进入阀杆腔内。
Seal: Automatic regulated double “U” annular seal ring to make sure two-way zero leakage, and to prevent impurity into the stem cavity
材料 Material: NBR

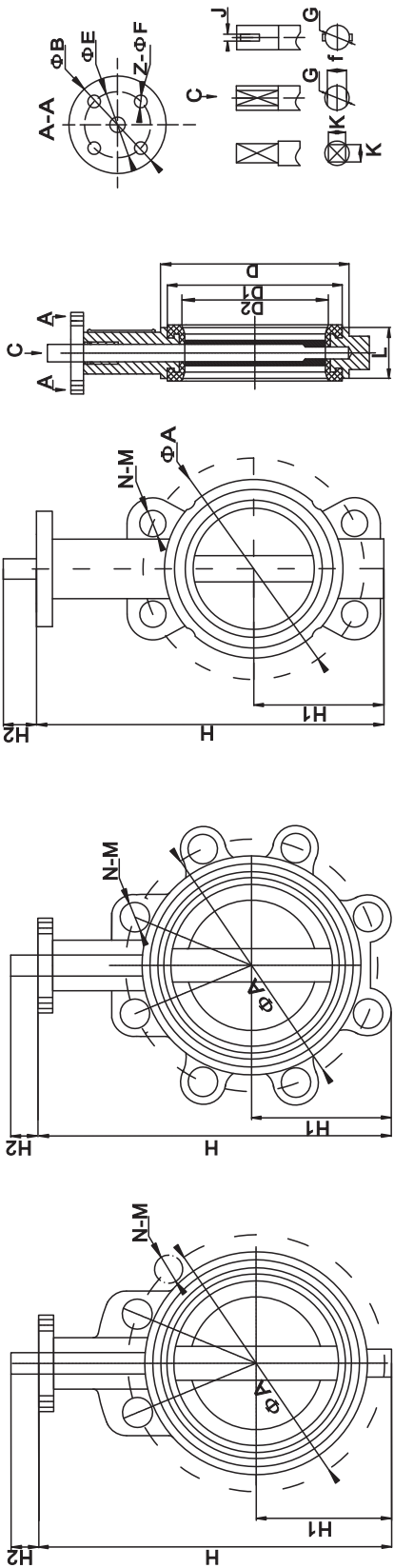
阀杆套: 四氟轴套，抗腐蚀，阻尼小，抗压能力强。
Stem collar: PTEF collar, corrosion, resistant, small damping, compressive ability.

阀板: 铸件边缘经过球面加工和手工抛光，使用寿命长，操作扭矩低，气泡密封双向零泄露。
Disc: After spherical surface processing and manual polishing of the casting edge, it can provide longer service life and lower operating torque, and two-way zero leakage.
可选材料 Optional Material:
1. 球墨铸铁镀镍 Ductile Iron Coated by Nickel
2. 球墨铸铁覆尼龙 Ductile Iron Coated by Nylon
3. 球墨铸铁覆橡胶 Ductile Iron Coated by Vulcanized Rubber
4. 不锈钢 Stainless Steel 304SS 316SS 316LSS
5. 双相不锈钢 Duplex Stainless Steel 2507, 1.4529, 1.4469 Special for Desulfurization.
6. 铝青铜 Aluminum Bronze

铸造阀体
1. CI/HT200/GG20 灰铸铁 (PN10/16)
2. DI/QT450/GGG40 球墨铸铁 (PN10/16)
3. 碳素铸钢 (WCB)
4. 不锈钢精铸, 304SS, 316SS, 316LSS
Optional material of Body:
1. Cast Iron GG20/GG25
2. Ductile Iron GGG40/GGG45/GGG50
3. Cast steel
4. Stainless steel 304/316/316L
5. Special material according to your inquiry

阀体结构长度符合ISO5752-1998标准，通用互换性强。
Face to face dimension meets the standard of ISO5752-1998.

通径 mm	L	国标 (10/16)		美标 (150LBS)		日标 (5K/10K)		单位Unit:mm											
		ΦA	N-M	ΦA	N-M	ΦA	N-M	ΦB	H	H1	G*f/K	J	H2	ΦE #	Z-Φ	ΦD	ΦD1	ΦD2	
25	33	85	4-12	79.5	4-14	75/90	4-10/12	55/65	140	46	9.5*7/11	/	15/27	45/50	4-5.2/7.5	69	59	34	
32	33	100	4-16	88.9	4-14	90/100	4-12/16	55/65	140	46	9.5*7/11	/	15/27	45/50	4-5.2/7.5	69	59	34	
40	33	110	4-16	98.5	4-14	95/105	4-12/16	55/65	147	53	9.5*7/11	/	15/27	45/50	4-5.2/7.5	80	68	44	
50	42	125	4-16	120.7	4-16	105/120	4-12/16	65/90	195	55	14*10/11	1-3	15/27	50/70	4-7.5/10	95	82	55	
65	44	145	4-16	139.7	4-16	130/140	4-12/16	65/90	217	64	14*10/11	1-3	15/27	50/70	4-7.5/10	114	97	69	
80	44	160	8-16	152.4	4-16	145/150	4/8-16	65/90	232	73	14*10/11	1-3	15/27	50/70	4-7.5/10	126	113	81	
100	50	180	8-16	190.5	8-16	165/175	8-16	90	270	88	16*11/11	1-5	20/27	70	4-10	154	139	108	
125	56	210	8-16	215.9	8-20	200/210	8-16/20	90	292	102	19*13/14	1-5	20/27	70	4-10	180	163	135	
150	56	240	8-20	241.3	8-20	230/240	8-16/20	90	318	115	19*13/14	1-5	20/27	70	4-10	206	195	154	
200	60	295	8-20/12-20	298.5	8-20	280/290	8/12-20	120/150	390	149	22*16/17	1-5	25/40	102	4-12	264	250	205	
250	68	350/355	12-20/12-24	362	12-24	345/355	12-20/22	120/150	457	184	30*22/22	1-8	30/45	102	4-12	320	305	255	
300	78	400/410	12-20/12-24	431.8	12-24	390/400	12-20/16-22	150	518	207	30*22/22	1-8	30/50	102/125	4-12/14	370	352	302	
350	78	460/470	16-20/16-24	476.3	12-27	435/445	12/16-22	150	610	247	35/27	1-8	35/55	102/125	4-12/14	430	405	345	
400	102	515/525	16-24/16-27	539.8	16-27	495/510	16-22/24	150/200	650	275	40/27	1-10	35/64	125/140	4-14/18	480	455	395	
450	114	565/585	20-24/20-27	577.9	16-30	555/565	16-22/20-24	210	713	307	50/36	1-12	50/80	140/165	4-18/22	550	515	450	
500	127	620/650	20-24/20-30	635	20-30	605/620	20-22/24	210	768	330	50/36	1-12	50/80	165	4-22	590	565	500	
600	151	725/770	20-27/20-33	749.3	20-33	715/730	20-24/24-30	210	919	400	60/46	2-16	50/80	165	4-22	695	674	585	
700	163	840	24-27/24-33	863.6	28-33	820/840	24-24/30	300	1144	520	60/46	2-18	55/82	254	8-18	787	760	705	
800	190	950	24-30/24-36	977.9	28-39	830/850	24/28-30	300	1263	591	60/46	2-20	55/82	254	8-18	905	878	810	
900	203	1050	28-30/28-36	1085.8	32-39	1030/1050	24/28-30	300	1376	656	75/55	2-22	55/118	254	8-18	970	955	885	



侧法兰D1、N-M连接标准依据GB9113.1, 2010, DIN2501, ASNI B16.5 (DN700以上依据ASME B16.47)日标5K/10K. 上法兰标准连接符合ISO5211标准, 也可依据客户要求尺寸加工!
The connection standard of side flange D1, N-M is according to GB9113.1, 2010, DIN2501, ASNI B16.5. (Remarks: It would according to ASME B16.47 when the valve size is bigger than DN700.)
JIS 5K/10K, The flange connection standard is according to ISO5211 or as customer's requirements.

软密封蝶阀 Sofe Sealing Butterfly Valve

各类参考数据 All kinds of reference date

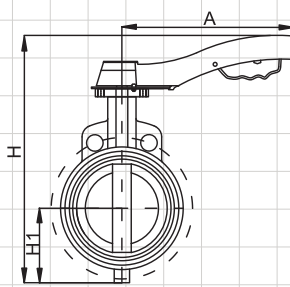
选配执行器时，扭矩应加20%的安全系数 When equipped with actuators, Torque increase 20% safety coefficient

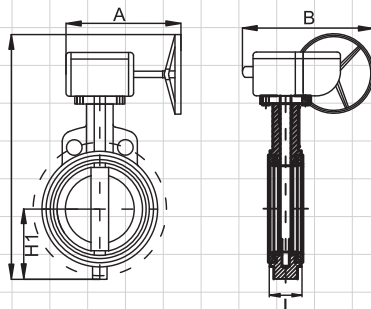
口径 DN	扭矩 N . M				重量 (KG)			手柄重量 (KG)		蜗轮 型号	蜗轮重量 (KG)		气动执行器 Pneumatic		电动执行器 Electric	
	PN3	PN6	PN10	PN16	A型 Wafer	LT Wafer	法兰式 Flange	铁手柄 Iron	铝手柄 Aluminum		铁蜗轮 Iron	铝蜗轮 Aluminum	型号 Type	重量 KG	型号 Type	重量 KG
mm	PN3	PN6	PN10	PN16	A型 Wafer	LT Wafer	法兰式 Flange	铁手柄 Iron	铝手柄 Aluminum	Gear Type	铁蜗轮 Iron	铝蜗轮 Aluminum	型号 Type	重量 KG	型号 Type	重量 KG
32	12	12	12	12	1.1	/	/	/	0.1	HDA24	4.2	1.15	HDG45	0.69	HD05	2.5
40	12	12	12	12	1.2	/	/	/	0.1	HDA24	4.2	1.15	HDG45	0.9	HD05	2.5
50	14	15	15	16	2.6	3.8	4.7	1.07	0.37	HDA24	4.2	1.15	HDG52	1.5	HD05	2.5
65	22	23	24	25	3.4	4.7	7.7	1.07	0.37	HDA24	4.2	1.15	HDG63	1.5	HD05	2.5
80	30	31	33	34	4.0	5.2	8.9	1.07	0.37	HDA24	4.2	1.15	HDG75	1.5	HD05	2.5
100	45	48	51	53	4.6	7.9	11.3	1.17	0.37	HDA24	4.2	1.15	HDG83	2.6	HD10	4.3
125	70	76	82	88	7.0	9.5	15.7	1.28	0.67	HDA24	4.2	1.75	HDG92	6.1	HD10	4.3
150	91	104	114	119	8.0	12.2	18.6	1.28	0.67	HDA24	4.2	1.75	HDG105	6.1	HD20	7.3
200	168	187	207	217	14.0	19.0	27	1.9	/	HDA30	10.8	4.6	HDG125	9.2	HD20	7.3
250	254	286	318	334	21.5	28.8	45	/	/	HDA30	10.8	4.6	HDG140	12.1	HD40	8.0
300	388	440	491	516	30.7	49.9	54.4	/	/	HDA50	14.2	6.8	HDG160	16.7	HD100	12.2
350	562	647	733	780	44.5	63.0	79.1	/	/	HDA50	14.2	/	HDG190	27.1	HD100	12.2
400	727	875	1022	1280	62.0	105	96	/	/	HDB13	25	/	HDG210	32.2	HD200	12.2
450	897	1124	1352	1450	95	117	131	/	/	HDB13	25	/	HDG210	32.2	Z20	55
500	1170	1465	1760	1900	120	146	159	/	/	HDB13	25	/	HDG240	45.5	Z30	58
600	2000	2165	2300	2500	170	245	218	/	/	HDB13	76	/	HDG270	69.3	Z45	110
700	/	/	5200	/	284	/	331	/	/	HDB26	76	/	AW25	49	Z60	120
800	/	/	7000	/	368	/	528	/	/	HDB26	76	/	AW28	73	Z90	139
900	/	/	9000	/	713	/	593	/	/	HDB50	88	/	AW35	148	Z90	139
1000	/	/	12000	/	864	/	685	/	/	HDB50	88	/	AW35	148	Z120	142

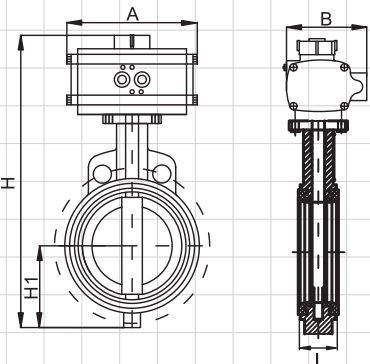
HDA24:一级蜗轮；HDB13:二级蜗轮；HDG52:双作用气缸；AW25:双作用推拉气缸；HD10:精小型电装；Z20:多回转电装,衬氟蝶阀配气动执行器和电动执行器,应相应配大一档。
HDA24: First class worm-gear actuator; HDB13: Second class worm-gear actuator; HDG52: Double-acting pneumatic actuator; AW25: Double-acting push-and-pull pneumatic actuator; HD10: Delicate electric actuator; Z20: Multi-turn electric actuator. The pneumatic and electric actuator of PTFE butterfly valve should be one class bigger than soft seal butterfly valve.

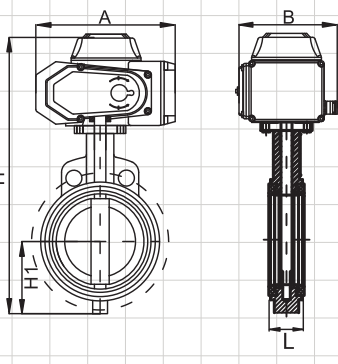
无靠背蝶阀 No Back Butterfly Valve

安装尺寸参考数据 Installation size reference data









DN	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	900
H1	46	46	53	55	64	73	88	102	115	145	184	207	247	275	307	330	400	520	591	656
H	170	170	177	265	287	302	350	372	398	420										
A	115	115	115	170	170	170	215	215	215	355										

单位Unit: mm

DN	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	900
H1	46	46	53	55	64	73	88	102	115	145	184	207	247	275	307	330	400	520	591	656
H	253	253	260	308	330	345	383	405	431	584	651	712	804	920	983	1048	1199	1470	1603	1741
A	208	208	208	208	208	208	208	208	299	299	294	294	361	361	361	417	485	485	534	
B	174	174	174	174	174	174	174	174	292	292	308	308	426	426	426	479	578	578	650	
L	33	33	33	42	44	44	50	56	56	60	68	78	78	102	114	127	151	163	190	203

注：DN400 (含) 以上为二级蜗轮
Remarks: DN400 or bigger than DN400 should use second class worm-gear actuator.

DN	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	900
H1	46	46	53	55	64	73	88	102	115	145	184	207	247	275	307	330	400	520	591	656
H	222	222	241	289	325	360	398	452	478	570	657	746	867	935	1013	1230	1429	1668	1847	1976
A	104	104	130	130	140	140	186	254	254	296	384	384	501	533	589	589	638	1330	1380	1860
B	50	50	59	59	70	70	91	120	120	137	173	173	208	224	274	274	322	320	360	440
L	33	33	33	42	44	44	50	56	56	60	68	78	78	102	114	127	151	163	190	203

注：DN25-600可选配GT、AT气缸, DN700以上配AW系列双作用气缸
Remarks: DN25-DN600 use GT、AT pneumatic actuator. AW series double-acting pneumatic actuator will be used for valve size which is bigger than DN700.

DN	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	900
H1	46	46	53	55	64	73	88	102	115	145	184	207	247	275	307	330	400	520	591	656
H	277	277	284	332	354	400	438	501	521	593	660	747	839	879	1288	1353	1504	1775	1908	2104
A	165	165	165	165	212	212	212	259	259	259	259	259	284	284	644	644	644	803	803	887
B	140	140	140	140	154	154	154	186	186	186	186	186	193	193	495	495	495	671	671	693
L	33	33	33	42	44	44	50	56	56	60	68	78	78	102	114	127	151	163	190	203

注：DN25-400可选配Q型部分回转或精小型电动执行器, DN450以上配多回转Z型电动执行器
Remarks: Delicate electric actuator will be used for DN25-400, and Z type multi-turn electric actuator will be used for valve size which bigger than DN450.

有靠背蝶阀特点 Features of Back Seat Butterfly Valve

采用无销扁轴连接,传动和双向可靠密封性加强
允许阀板自由对中,减少了阀门启闭时的扭矩与
介质完全隔离,消除内部渗漏和锈蚀机会。
Using falt stem without pin of connection,dring
reliable sealing of double direction were streng
thened and allowing the disc standing freely in
the middle of

Stem:可选材料OptionalMaterial:
1.45#钢 Steel45#(ChineseStandard)
2.不锈钢 Stainlessiron 410/416
3.不锈钢 304/316/316L 17-4(630)
Stainless Steel 304/316/316L17-4(630)



铸造阀体
1. C1/HT200/GG20灰铸铁(PN10/16)
2. DI/QT450/GG40球墨铸铁(PN10/16)
3. 碳素铸钢(WCB)
4. 不锈钢精铸, 304SS、316SS、316LSS

Optional material of Body:
1.Cast Iron Gg20/GG25
2.Ductile lyon GGG40/GGG45/GGG50
3.Cast steel
4.Stainless steel 304/316/316L
5.Special material according
to your inquiry

标准顶部法兰孔符合ISO5211标准, 适合于
装配手柄、蜗轮、电动头和气动头等驱动装置。
Top flange meets the standard of ISO5211
and is fit fitting driving devices such as
handle,gearbox,motorized and pneumatic
actuators etc.

四氟衬套:抗腐蚀,能吸收侧向推力
PTFE Lubrication:

阀座:采用热固性聚酯塑料涂层,有效防腐
蚀.可按客户要求提供:环氧树脂粉末,尼龙
11涂层等.可选对夹式或支耳式结构形式。
Boby:Toensure the effectively anti-corrosion
it used thermosetting polyester plastic
powder coating. Also,nylon 11 coating can
be provided.Wafer and Lug type are both
available.

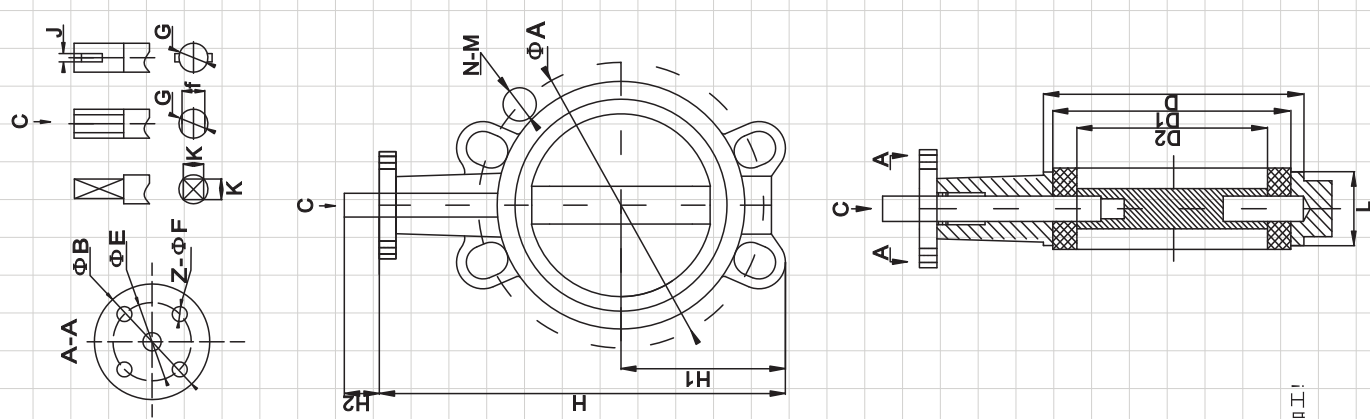
阀座:采用三元乙丙胶,光洁度好,柔韧性强,增强
了阀板与阀座的密封性,使用范围广,易于更换,
延长了阀座的使用寿命。
Seat: Using EPDM for seat,can enhance tightness
between disc and seat. At the same time,it has
a lot of advantages as follows:
1.Good finish 2.Strong flexibility 3.Widely used
4.Easy to replace 5.To extend the service life
可选材料Optional Materia:
1.丁腈橡胶 NBR
2.三元乙丙胶 EPDM
3.氟橡胶 Viton
4.硅橡胶 Silicon rubber
5.耐热EPDM High-temperature EPDM
6.耐磨EPDM Wear resistance EPDM
7.特氟龙 Teflon

阀板:铸件边缘经过球面加工
和手工抛光,使用寿命长,操作
扭矩低,气泡密封双向零泄露。
Disc:After spherical surface
processing and manual polishing
of the casting edge,it can provide
longer service life and lower
operating torque,and two-way
zero leakage.
可选材料Optional Material:
1.球墨铸铁镀镍
Ductile Iron Coated by Nickel
2. 球墨铸铁覆尼龙
Ductile Iron Coated by Nylon
3. 球墨铸铁覆尼龙
Ductile Iron Coated byVulcanized
Rubber
4.不锈钢
Stainless Steel 304SS 316SS.
316LSS
5.双相不锈钢
Duplex Stainless Steel 2507,
1.4529, 1.4469 Special for
Desulfurization.
6.铝青铜Aluminum Bronze

单根整体式无销下阀轴与上轴自动对中,
避免了碟板的对称度误差造成的密封泄漏
One piece underlying stem and above
stem can stand automatically in the
middle of line to avoid causing leakage
because of the error of disc s symmetry

法兰连接孔符合ISO7005.2标准.国标.德标.
美标150lbs.日标5K/10K
Flange connection meets the standard of
ISO7005.2.GB.DIN.ANSI 150LBS JIS5K/10K

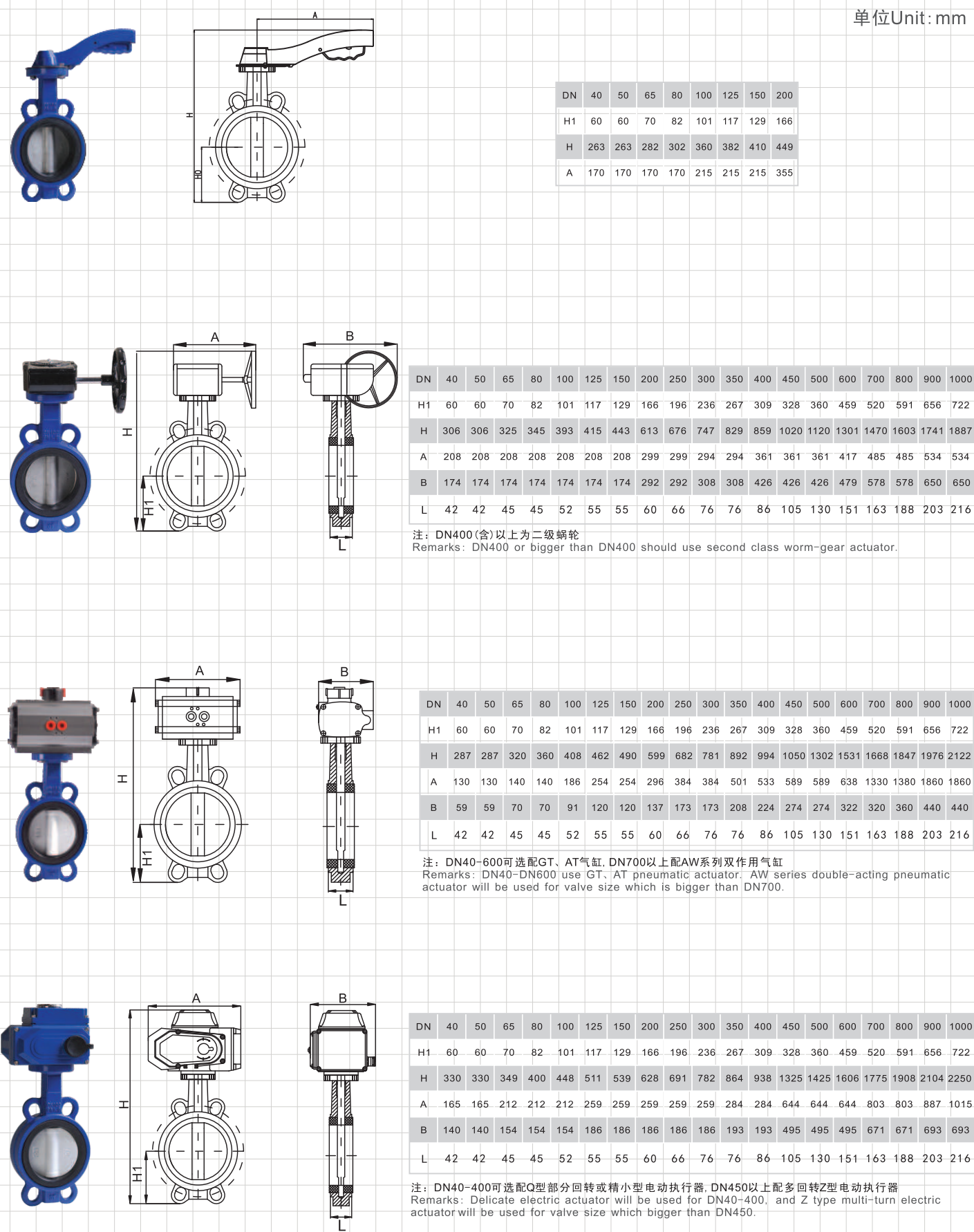
阀体结构长度符合ISO5752-1998标准, 通用互换性强。
Face to face dimension meets the standard of ISO5752-1998.



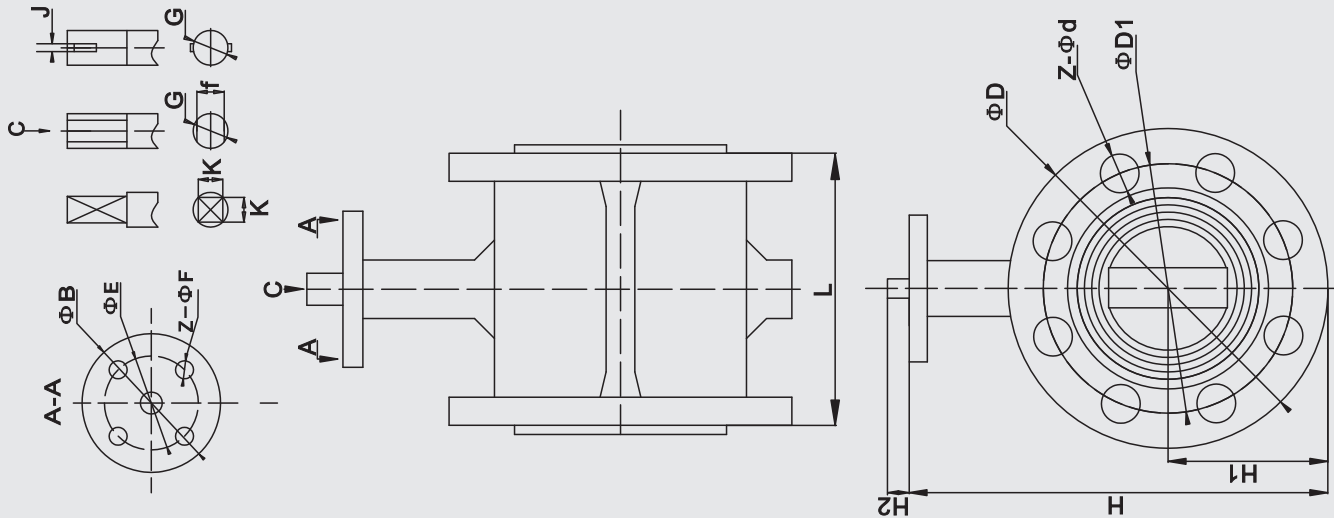
通径		国标 (PN10/16)		美标 (150LBS)		日标 (5K/10K)												单位Unit: mm	
L		ΦA	N-M	ΦA	N-M	ΦA	N-M	ΦB	H	H1	G*H/K	J	H2	ΦE	#	Z-Φ	ΦD	ΦD1	ΦD2
mm																			
40	42	110	4-16	98.6	4-14	95/105	4-12/16	65/90	193	60	12.6*9/11	1-3	27				101	76	48
50	42	125	4-16	120.7	4-16	105/120	4-12/16	65/90	193	60	12.6*9/11	1-3	27				101	76	48
65	45	145	4-16	139.7	4-16	130/140	4-12/16	65/90	212	70	12.6*9/11	1-3	27				117	89	62
80	45	160	8-16	152.4	4-16	145/150	4/8-16	65/90	232	82	12.6*9/11	1-3	27				127	103	77
100	52	180	8-16	190.5	8-16	165/175	8-16	90	280	101		1-5	27	70		4-10	157	135	98
125	55	210	8-16	215.9	8-20	200/210	8-16/20	90	302	117	18.9*13/14	1-5	27	70		4-10	181	159	121
150	55	240	8-20	241.3	8-20	230/240	8-16/20	90	330	129	18.9*13/14	1-5	27	70		4-10	214	188	148
200	60	295	8-20/12-20	298.5	8-20	280/290	8/12-20	120	419	166	22*16/17	1-5	40			4-12	266	238	200
250	66	350/355	12-20/12-24	362	12-24	345/355	12-20/22	120	482	195	28.5*22/22	1-8	45			4-12	318	292	248
300	76	400/410	12-20/12-24	431.8	12-24	390/400	12-20/16-22	150	553	236	31.6/22	1-8	50			374	344	299	
350	76	460/470	16-20/16-24	476.3	12-27	435/445	12/16-22	150	635	267	31.6/22	1-8	50			436	375	331	
400	86	515/525	16-24/16-27	539.8	16-27	495/510	16-22/24	197	709	309	33.3/2	1-10	64			488	439	387	
450	105	565/585	20-24/20-27	577.9	16-30	555/565	16-22/20-24	197	750	328	38/27	1-12	64			539	490	438	
500	130	620/650	20-24/20-30	635	20-30	605/620	20-22/24	197	840	360	41/	1-12	64			594	535	489	
600	151	725/770	20-27/20-33	749.3	20-33	715/730	20-24/24-30	276	1021	459	50.5/36	2-16	70			4-22	653	590	
700	163	840	24-27/24-33	863.6	28-33	820/840	24-24/30	300	1140	520	60/46	2-18	82	254		8-18	744	692	
800	188	950	24-30/24-36	977.9	28-39	930/950	24/28-30	300	1263	591	60/46	2-20	82	254		8-18	849	792	
900	203	1050	28-30/28-36	1085.8	32-39	1030/1050	24/28-30	300	1376	656	75/55	2-22	118	254		8-18	947	861	
1000	216	1160/1170	28-33/28-39	1200.2	36-39	1130/1160	28-30/36	300	1522	722	85/55	2-25	148	254		8-18	1053	961	

侧法兰D1、N-M连接标准依据GB9113.1 2010,DIN2501,ASNI B16.5(DN700以上 依据ASME B16.47)日标5K/10K.上法兰标准连接符合ISO5211标准.也可依据客户要求尺寸加工!
The connection standard of side flange D1、N-M is according to GB9113.1 2010,DIN2501,ASNI B16.5 (Remarks: It would according to ASME B16.47 when the valve size is bigger than DN700).JIS 5K/10K.The flange connection standard is according to ISO5211 or as customer's requirements.

有靠背蝶阀 Back Seat Butterfly Valve
安装尺寸参考数据 Installation size reference data



法兰式蝶阀 Flange Butterfly Valve

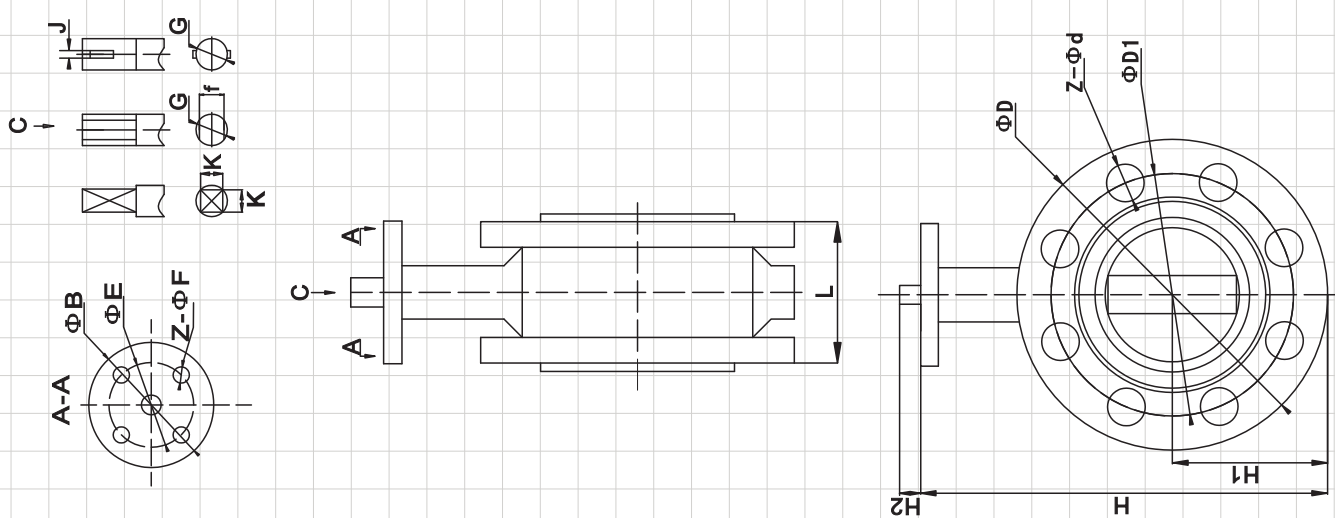


单位Unit: mm

公称通径 DN(mm)	外形尺寸(mm)												扭矩 Torque
	L	D1	D	Z-Φd	H	H1	G*f/K	J	B	E	4-ΦF	H2	N. m
		0.6/1.0/1.6	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	12.6*9/11	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	12.6*9/11	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	12.6*9/11	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	16*11/11	1-5	90	70	4-10	27	69
125	140	200/210/210	240/250/250	8-18/8-18/8-18	295	125	18.9*13/14	1-5	90	70	4-10	27	114
150	140	225/240/240	265/285/285	8-18/8-22/8-22	330	142	18.9*13/14	1-5	90	70	4-10	27	155
200	152	280/295/295	320/340/340	8-18/8-22/12-22	375	170	22*16/17	1-5	125	102	4-12	45	282
250	165	335/350/355	375/395/405	12-18/12-22/12-26	433	198	28.5*22/22	1-8	125	102	4-12	45	434
300	178	395/400/410	440/445/460	12-22/12-22/12-26	503	223	31.6/22	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	31.6/22	1-8	150	102/125	4-12/14	50	1000
400	216	495/515/525	540/565/580	16-22/16-26/16-30	660	290	33.3/27	1-10	197	125/140	4-14/18	64	1664
450	222	550/565/585	595/615/640	16-22/20-26/20-30	720	320	38/27	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	50.5/36	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	60/46	2-18	300	254	8-18	82	5600
800	318	920/950/950	975/1015/1025	24-30/24-33/24-39	1155	525	60/46	2-20	300	254	8-18	82	7300
900	330	1020/1050/1050	1075/1115/1125	24-30/28-33/28-39	1260	570	75/55	2-22	300	254	8-18	118	10000
1000	410	1120/1160/1170	1175/1230/1255	28-30/28-36/28-42	1390	645	85/55	2-25	300	254	8-18	148	13000
1200	470	1340/1380/1390	1405/1455/1485	32-33/32-39/32-48	1710	785	105/75	2-28	350	298	8-22	160	20000

侧法兰D1、Z-Φd连接标准依据GB9113.1.2010,也可依据客户要求尺寸加工,美标ASNI B16.5、日标5K/10K/16K!
The connection standard of side flange D1、Z-Φd is according to GB9113.1.2010,it could be manufactured according to customer's requirements.ASNI B16.5 ,JIS!

"U"型法兰式蝶阀 "U" Type Flange Butterfly Valve



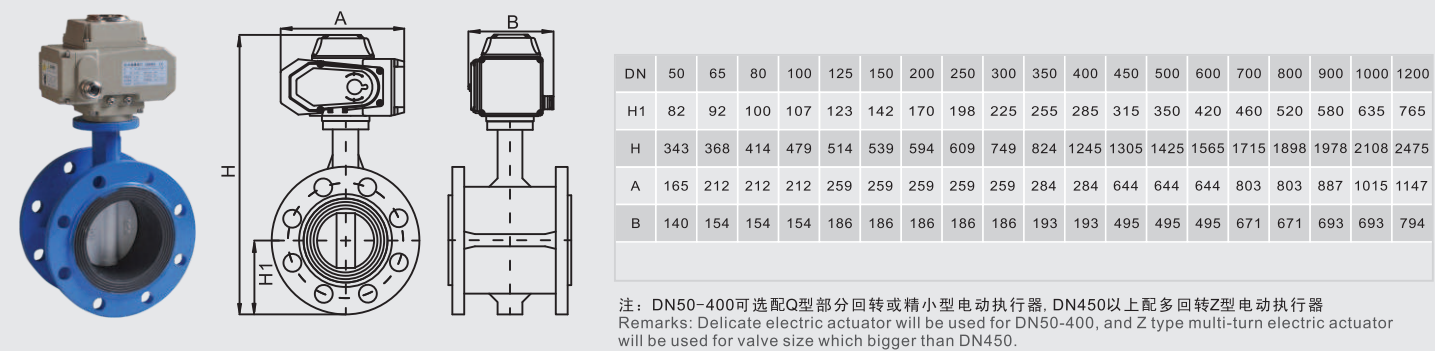
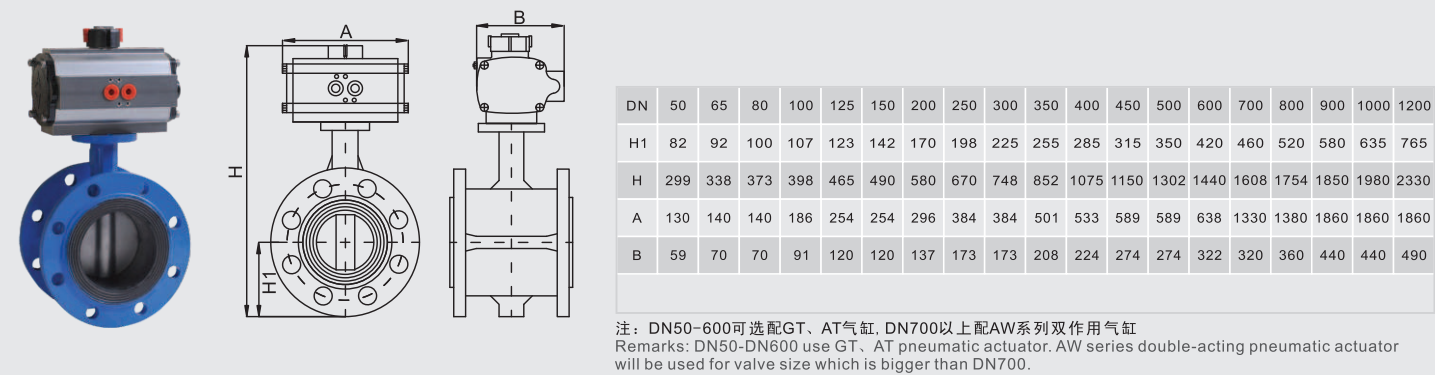
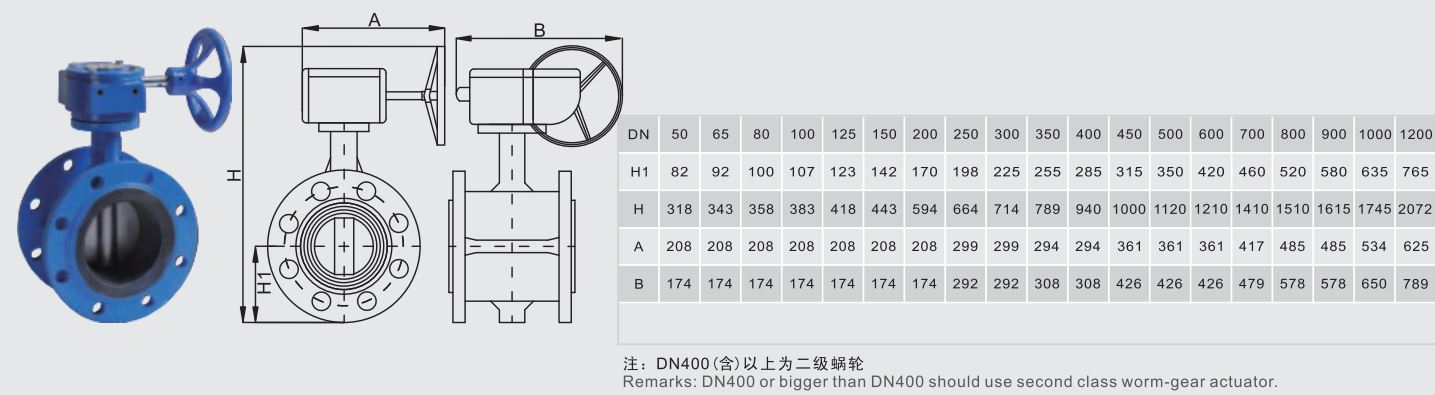
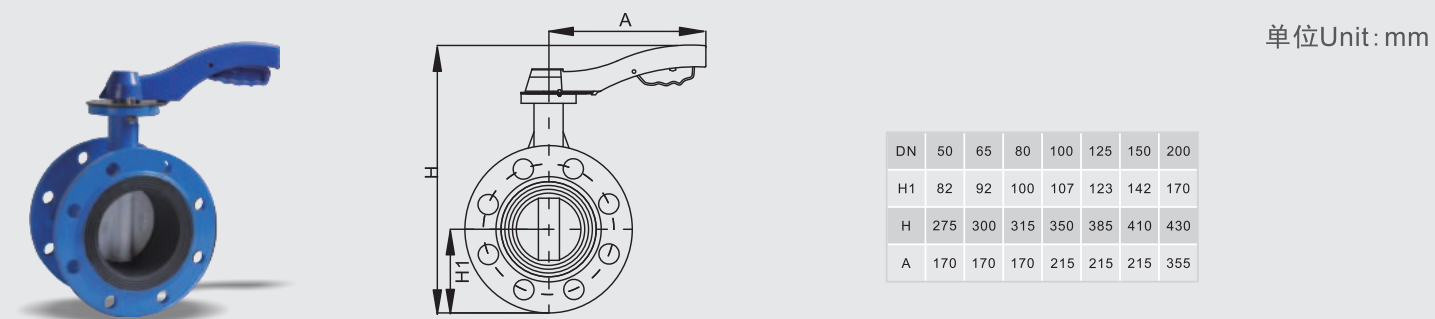
单位Unit: mm

公称通径 DN(mm)	外形尺寸(mm)												扭矩 Torque
	L	D1	D	Z-Φd	H	H1	G*f/K	J	B	E	4-ΦF	H2	N. m
		0.6/1.0/1.6	0.6/1.0/1.6	0.6/1.0/1.6						#			
50	42	110/125/125	140/165/165	4-14/4-18/4-18	205	82	12.6*9/11	1-3	75	50	4-7.5	27	22
65	45	130/145/145	160/185/185	4-14/4-18/4-18	230	92	12.6*9/11	1-3	75	50	4-7.5	27	28
80	45	150/160/160	190/200/200	4-18/8-18/8-18	245	100	12.6*9/11	1-3	75	50	4-7.5	27	44
100	52	170/180/180	210/220/220	4-18/8-18/8-18	270	107	16*11/11	1-5	90	70	4-10	27	69
125	55	200/210/210	240/250/250	8-18/8-18/8-18	305	123	18.9*13/14	1-5	90	70	4-10	27	114
150	55	225/240/240	265/285/285	8-18/8-22/8-22	374	144	18.9*13/14	1-5	90	70	4-10	27	155
200	60	280/295/295	320/340/340	8-18/8-22/12-22	436	176	22*16/17	1-5	120	102	4-12	45	282
250	66	335/350/355	375/395/405	12-18/12-22/12-26	500	200	28.5*22/22	1-8	120	102	4-12	45	434
300	76	395/400/410	440/445/460	12-22/12-22/12-26	583	233	31.6/22	1-8	150	102/125	4-12/14	50	670
350	76	445/460/470	490/505/520	12-22/16-22/16-26	640	270	31.6/22	1-8	150	102/125	4-12/14	50	1000
400	86/102	495/515/525	540/565/580	16-22/16-26/16-30	700	290	33.3/27	1-10	197	125/140	4-14/18	64	1664
450	105/114	550/565/585	595/615/640	16-22/20-26/20-30	750	320	38/27	1-12	197	140/165	4-18/22	64	1890
500	130	600/620/650	645/670/715	20-22/20-26/20-33	854	364	41/36	1-12	197	165	4-22	64	2440
600	151	705/725/770	755/780/840	20-26/20-30/20-36	1030	450	50.5/36	2-16	210/276	165	4-22	70	3350
700	163	810/840/840	860/895/910	24-26/24-30/24-36	1160	520	60/46	2-18	300	254	8-18	82	5600
800	188	920/950/950	975/1015/1025	24-30/24-33/24-39	1265	565	60/46	2-20	300	254	8-18	82	7300
900	203	1020/1050/1050	1075/1115/1125	24-30/28-33/28-39	1380	620	75/55	2-22	300	254	8-18	118	10000
1000	216	1120/1160/1170	1175/1230/1255	28-30/28-36/28-42	1525	705	85/55	2-25	300	254	8-18	148	13000
1200	254	1340/1380/1390	1405/1455/1485	32-33/32-39/32-48	1734	810	105/75	2-28	350	298	8-22	160	20000

侧法兰D1、Z-Φd连接标准依据GB9113.1.2010,也可依据客户要求尺寸加工,美标ASNI B16.5、日标5K/10K/16K!碳钢阀体尺寸参考法兰式尺寸!
The connection standard of side flange D1、Z-Φd is according to GB9113.1.2010,it could be manufactured according to customer's requirements.ASNI B16.5 ,JIS!
Carbon steel body size reference flange size

法兰蝶阀 Flange Butterfly Valve

安装尺寸参考数据 Installation size reference data



建筑行业 Construction Industry

广泛用于水泥工业、混凝土、干性粉料等生产、输送领域

Widely used in the production and transportation area. Such as cement industry, concrete, dry powder material, etc.

阀体可选材质: 铸铁、球墨、铸钢等
Boby material: Cast iron、Ductile Iron、Carbon steel etc
高耐磨镀锌球墨铸铁阀板或者不锈钢阀板
Disc material: galvanized ductile iron with high wear resistance and stainless steel are available.

选用汽车工业轮胎类高耐磨丁腈橡胶阀座，结合无靠背设计，更低扭矩，更长的使用寿命
Adopting high wear-resistant nitrile rubber which quality is as same as automobile tire, and combining with no back design of valve seat to provide less torque and longer service life.

尺寸从DN25到DN1200，更大尺寸可根据客户要求制造。
Valve sizes are from DN25 to DN1200, and bigger sizes can be manufactured according to customer's requirements.



针对电厂烟气湿式脱硫系统,如石灰浆脱硫,印染废水中和脱硫法等

Aim at the wet flue gas desulfurization system of power plant,for example:desulfurization of lime slurry and printing waste water.

为适应石灰石浆液和石膏浆液的腐蚀,阀板和阀杆采用了特殊的耐腐蚀合金,阀座采用高耐磨的橡胶,适用于液体中的大量悬浮颗粒物对阀座的冲蚀。
To adapt the corrosion of lime and cypsum slurry,we use special anti-corrosion alloy of valve disc and stem.Meanwhile,high wear resistance rubber seat are used to avoid the erosion of amass of suspended particles in the liquid.

阀体可选球墨铸碳,碳素铸钢,不锈钢等。
Valve body material: Ductile steel, Carbon steel casting and stainless steel etc.

阀杆:20Cr13,316、2507、17-4不锈钢。
Valve stem: 20Cr13,316,2507,17-4 stainless steel

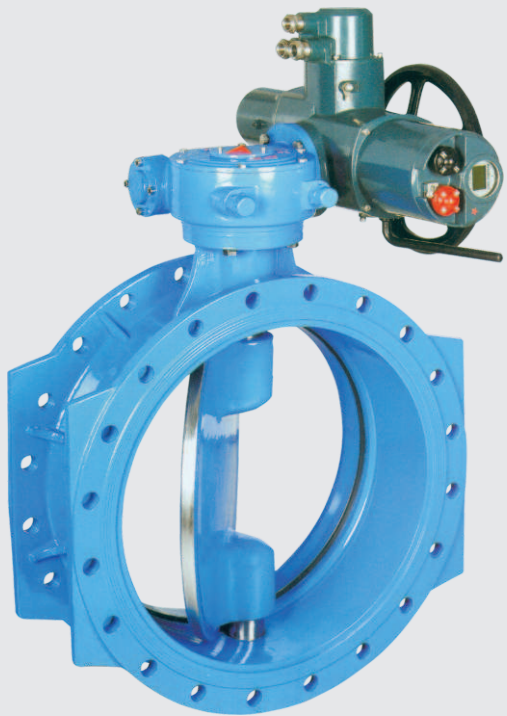
阀座采用特种高耐磨耐腐耐温三元乙丙橡胶,丁腈橡胶、氟胶。
Valve seat material can use EPDM,NBR and PTFE which with special high wear resistance, corrosion and heat resistance.

产品尺寸DN25-DN1400,更大的尺寸可根据客户要求制造
Valve sizes are from Dn25 to Dn1400, and bigger sizes can be manufactured according to customer's requirements.

广泛用于城市污水处理及输送系统,性能稳定使用寿命长.

With stability performance and long service life, it widely use for treatment and transportation system of urban sewage.

尺寸:DN100–DN2000,PN0.6–PN1.6
Sizes:DN100–DN2000,PN0.6–PN1.6



良好的耐油性能,绝缘性能,用于超高变压器组上冷却油的管路系统中

Excellent oil resistance and insulating property allowed this kind of valves are use for cooling oil pipeline system of ultra–high transformer group.

阀体材料:球墨铸铁(QT450)不锈钢(304)
Boby material: Ductile steel、Stainless Steel(304)

阀座材料:变压器油专用耐油丁腈胶。
Valve seat material: dedicated oil resistant NBR which for transformer oil.



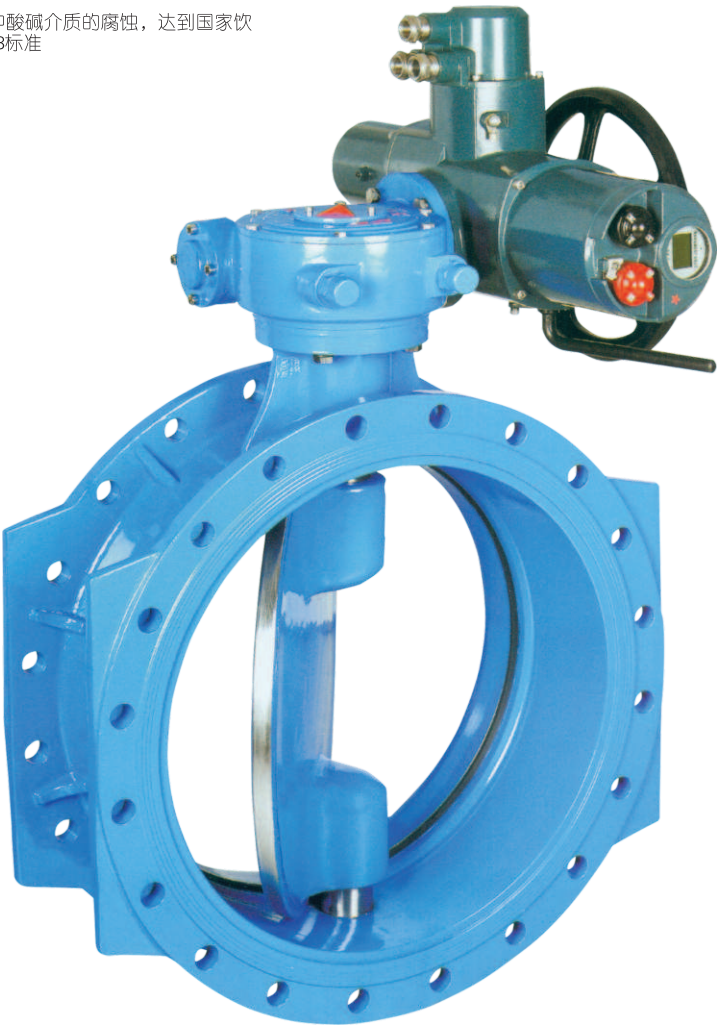
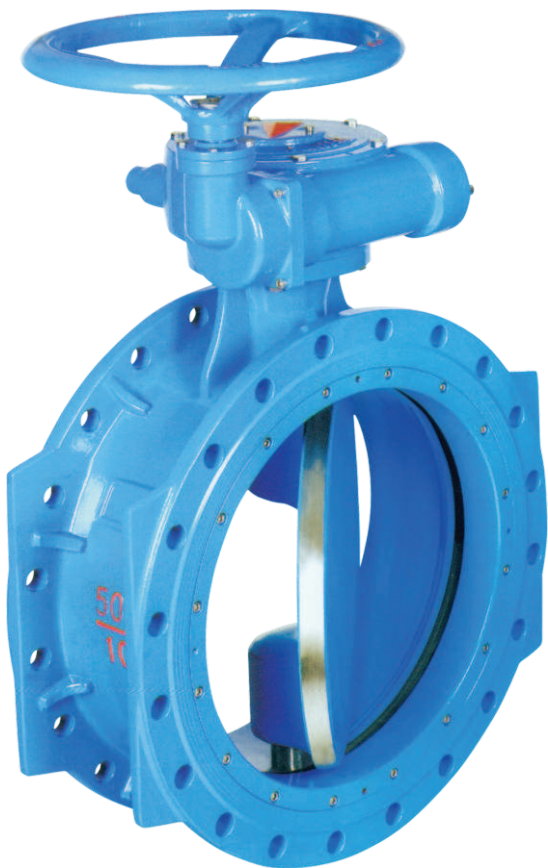
“内嵌式阀轴大平键(销)”专利设计:蝶阀主要是通过蜗轮等传动机构带动“阀轴”旋转90度二开启。而“阀轴”与“蝶板”的连接主要依靠“销子”来固定,传统的销子不管是“锥销”“穿销”“骑缝销”“斜销”等其扭力的大小,大部分都由“销子”的直径来决定。由于阀板受到水力长期的冲击、震动,会导致销子从阀板中脱落或折断,从而使阀门无法启闭。我公司设计的“内嵌式阀轴大平键(销)”是在传统的设计基础上,增加了在阀轴和阀板结合的“轴孔”中嵌入一块长方形的平面键,比传统的销子直径增加3倍扭力面积,而又不削弱阀轴的强度,从而使阀轴与阀板的永久连接。

“龙骨式法兰加强筋”专利设计:蝶阀法兰与管道法兰的连接会受到地面沉降、管道的热胀冷缩和安装时拧法兰螺栓不均等环境、物理因素和安装的影响,有可能会致蝶阀法兰的开裂,我公司设计的“龙骨式法兰加强筋”利用船身龙骨原理和铸件在浇铸冷却过程中的收缩原理,在法兰与体的结合处增加了“三角式”的加强筋,从而大大提高了法兰与体的牢固强度。

“阀轴花键”的连接设计:阀轴与蜗轮箱等传动机构传统上均采用“平键”连接,其缺点是长期启闭受力过程中平键会被挤压变形,导致间隙过大造成阀门不能完全关闭、我公司采用的“花键”连接设计其优点是:1、由于花键齿数多、接触面积大、所以承载能力大。2、蜗轮等传动机构与轴的对中性好,配合间隙小。3、传动机构的操作方向可以按用户的需求来随意调整蜗轮箱位置。花键连接一般都被飞机、汽车、机床制造业采用。

“全防水蜗轮箱”设计:由于管线阀门通常安装在野外环境下,阀门井内积水、长期受潮后导致蜗轮箱进水锈死。我公司设计“全防水蜗轮箱”在零部件连接处采用“O”型密封圈。每台蜗轮箱均经过气密封试压检验后出厂,保证在5米水位下密封。特别适用于海边、盐碱地、地下污染等环境恶劣条件下使用。

“喷塑”工艺:阀门的内腔和外部均采用环氧树脂喷塑处理,有效地防止各种酸碱介质的腐蚀,达到国家饮用水的《生活饮用水输配水设备及防护材料的安全性评价标准》GB/T17219–1998标准

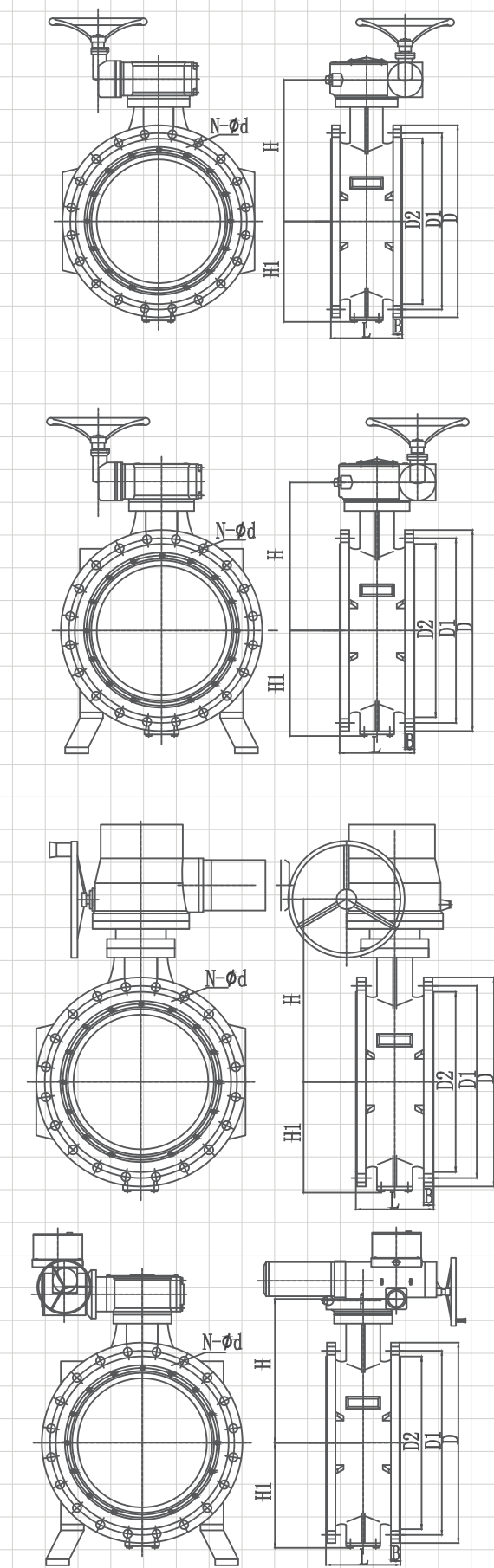


零部件选用材料 Optional material parts

零件名称Parts	材料名称	
阀体、接头Body	球铁、碳钢	QT450、Q235、WCB
阀板Disc	普铁、球铁、碳钢	QT450、WCB
阀轴Stem	不锈钢	20Cr13、304
密封副Seal	橡胶、不锈钢	EPDM、NBR/20Cr13、304、316
填料软密封Packing	柔性石墨、橡胶	

双法兰偏心蝶阀 Double Flanged Eccentric Butterfly Valve

主要外形和连接尺寸The main form and the connection size



公称通径 DN(mm)	D	D1	D2	B	N-d	L	H	H1	总重 kg
100	220	180	156	19	8-18	127	212	120	36
150	285	240	211	19	8-23	140	257	155	45
200	340	295	266	20	8-23	152	297	185	75
250	395	350	319	22	12-23	165	332	215	104
300	445	400	370	25	12-23	178	375	240	117
350	505	460	429	25	16-23	190	420	270	167
400	565	515	480	25	16-26	216	475	300	207
450	615	565	530	26	20-26	222	510	330	230
500	670	620	582	27	20-28	229	560	355	313
600	780	725	682	30	20-30	267	620	410	404

公称通径 DN(mm)	D	D1	D2	B	N-d	L	H	H1	总重 kg
700	895	840	794	33	24-30	292	705	500	466
800	1015	950	901	35	24-34	318	785	550	615
900	1115	1050	1001	38	28-34	330	855	630	825
1000	1230	1160	1112	40	28-37	410	925	680	1000
1200	1455	1380	1328	45	32-40	360	1205	840	1660
1400	1675	1590	1530	46	36-43	390	1395	955	2730
1600	1915	1820	1750	49	40-49	440	1520	1093	3650
1800	2115	2020	1950	52	44-49	490	1665	1260	4100
2000	2325	2230	2150	55	48-49	540	1825	1360	4700

公称通径 DN(mm)	D	D1	D2	B	N-d	L	H	H1	总重 kg
100	220	180	156	19	8-18	127	248	120	40
150	285	240	211	19	8-23	140	293	155	49
200	340	295	266	20	8-23	152	408	185	80
250	395	350	319	22	12-23	165	443	215	110
300	445	400	370	25	12-23	178	488	240	125
350	505	460	429	25	16-23	190	533	270	175
400	565	515	480	25	16-26	216	588	300	215
450	615	565	530	26	20-26	222	623	330	240
500	670	620	582	27	20-28	229	560	355	313
600	780	725	682	30	20-30	267	620	410	404

公称通径 DN(mm)	D	D1	D2	B	N-d	L	H	H1	总重 kg
700	895	840	794	33	24-30	292	705	500	466
800	1015	950	901	35	24-34	318	785	550	615
900	1115	1050	1001	38	28-34	330	855	630	825
1000	1230	1160	1112	40	28-37	410	925	680	1000
1200	1455	1380	1328	45	32-40	360	1205	840	1660
1400	1675	1590	1530	46	36-43	390	1395	955	2730
1600	1915	1820	1750	49	40-49	440	1520	1093	3650
1800	2115	2020	1950	52	44-49	490	1665	1260	4100
2000	2325	2230	2150	55	48-49	540	1825	1360	4700

三偏心硬密封蝶阀 Triple Offset Butterfly Valve

广泛用于介质温度 $\leq 425^{\circ}\text{C}$ 的合金、电力、石油化工、以及给排水和市政建设等工业管道上，作调节流量和截断流体使用。
To adjust the flow rate and block the fluid,it widely use for pipe of some medium which temperature won't exceed 425°C ,Such as metallurgy,electric power,petrochemical industry, water supply and drainage etc.



阀体材料:碳素铸钢(WCB、WCB6), 不锈钢(304、316、316L), 蒙乃尔合金。
Body material:Carbon steel 、Stainless Steel (304、316、316L),Monel.
尺寸:DN50-DN2000,PN0.6-PN6.4
Sizes:DN50-DN2000,PN0.6-PN6.4



阀板材料:碳素铸钢,不锈钢(304、316、316L)+PTFE,不锈钢堆焊STL。
DISC material:Carbon steel ,Stainless Steel (304、316、316L)+PTFE,Stainless Steel welding STL
阀座材料:不锈钢(304、316、316L)+PTFE,不锈钢堆焊STL, 不锈钢弹性阀座。
Valve seat material:Stainless Steel(304、316、316L)+PTFE, Stainless Steel welding STL,Stainless Steel resilient seated



三偏心法兰式蝶阀 Triple Offset Flange Butterfly Valve

公称 口径 DN	主要尺寸 Mimensions				法兰尺寸和螺栓规格(Flange and Bolt of Sizes)												蜗轮蜗杆传动 Worm gear		
					1. 0MPa				1.6MPa				2.5MPa						
	L	H	H1	D	D1	D2	Z-Φd	D	D1	D2	Z-Φd	D	D1	D2	Z-Φd	A	B	C	
50	108	293	218	165	125	99	4-18	165	125	99	4-18	165	165	125	99	4-18	32	130	160
65	112	313	228	185	145	118	4-18	185	145	118	4-18	185	185	145	118	4-18	32	130	160
80	114	333	238	200	160	132	4-18	200	160	132	8-18	200	200	160	132	8-18	32	130	180
100	127	345	255	220	180	156	8-18	220	180	156	8-18	235	235	190	156	8-22	50	150	180
125	140	370	270	250	210	184	8-18	250	210	184	8-18	270	270	220	184	8-26	50	150	200
150	140	425	305	285	240	211	8-22	285	240	211	8-22	300	300	250	211	8-26	62	150	200
200	152	488	362	340	295	266	8-22	340	295	266	12-22	360	360	310	274	12-26	62	150	350
250	165	575	410	395	350	319	12-22	405	355	319	12-26	425	425	370	330	12-30	80	160	350
300	178	642	444	445	400	370	12-22	460	410	370	12-26	485	485	430	389	16-30	80	160	400
350	190	731	492	505	460	429	16-22	520	470	429	16-26	555	555	490	448	16-33	94	185	400
400	216	786	522	565	515	480	16-26	580	525	480	16-30	620	620	550	503	16-36	94	185	600
450	222	844	552	615	565	530	20-26	640	585	548	20-30	670	670	600	548	20-36	94	185	600
500	229	945	606	670	620	582	20-26	715	650	609	20-33	730	730	660	609	20-36	132	232	600
600	267	1060	666	780	725	682	20-30	840	770	720	20-36	845	845	770	720	20-36	132	232	800
700	292	1222	726	895	840	794	24-30	910	840	794	24-36	960	960	875	820	24-42	185	295	800
800	318	1340	862	1015	950	901	24-33	1025	950	901	24-39	1085	1085	990	928	24-48	185	295	400
900	330	1391	915	1115	1050	1001	28-33	1125	1050	1001	28-39	1185	1185	1090	1028	28-48	234	354	400
1000	410	1596	1020	1230	1160	1112	28-36	1255	1170	1112	28-42	1320	1320	1210	1140	28-55	234	354	400
1200	470	1861	1075	1445	1380	1328	32-39	1485	1390	1328	32-38	1530	1530	1420	1350	32-55	296	354	400
1400	530	2066	1235	1675	1590	1530	36-42	1685	1590	1530	36-48	1755	1755	1640	1560	36-60	296	426	600
1600	600	2397	1355	1915	1820	1750	40-48	1930	1820	1750	40-55	1975	1975	1860	1780	40-60	410	426	600
1800	670	2674	1600	2115	2020	1950	44-48	2130	2020	1950	44-55	2195	2195	2070	1985	44-68	410	550	600
2000	760	2901	1725	2325	2230	2150	48-48	2345	2230	2150	48-60	2425	2425	2300	2210	48-68	506	550	600

侧法兰D1、Z-Φd连接标准依据GB9113.1.2010,也可依据客户要求尺寸加工,美标ASNI B16.5、日标5K/10K/16K!

The connection standard of side flange D1-Z-φd is according to GB9113.1.2010, it could be manufactured according to customer's requirements. ASNI B16.5, JIS!

三偏心对夹式蝶阀 Triple Offset Wafer Butterfly Valve

公称 口径 DN	主要尺寸 Main Dimensiond			法兰尺寸和螺栓规格(Flange and Bolt of sizes)										蜗轮蜗杆传动 worm gear		
				1. 0MPa			1. 6MPa			2. 5MPa						
	L	H	H1	D1	Z-ΦM	D1	Z-M	D1	Z-ΦM	D1	Z-M	D1	Z-ΦM	A	B	C
50	43	266	143	125	4-M16	125	4-M16	125	4-M16	125	4-M16	125	4-M16	50	106	160
65	46	290	178	145	4-M16	145	4-M16	145	4-M16	145	4-M16	145	8-M16	63	140	180
80	64	320	185	160	4-M16	160	8-M16	160	8-M16	160	8-M16	160	8-M16	63	140	180
100	64	342	193	180	8-M16	180	8-M16	180	8-M16	190	8-M16	190	8-M20	63	140	240
125	70	378	219	210	8-M16	210	8-M16	210	8-M16	220	8-M16	220	8-M24	63	140	240
150	76	415	246	240	8-M20	240	8-M20	240	8-M20	250	8-M20	250	8-M24	63	140	240
200	89	470	298	295	8-M20	295	8-M20	295	12-M20	310	12-M20	310	12-M24	84	170	300
250	114	535	328	350	12-M20	350	12-M20	355	12-M24	370	12-M24	370	12-M27	84	170	300
300	114	606	365	400	12-M20	400	12-M20	410	12-M24	430	12-M24	430	16-M27	108	200	400
350	127	695	408	460	16-M20	460	16-M20	470	16-M24	490	16-M24	490	16-M30	108	200	400
400	140	755	446	515	16-M24	515	16-M24	525	16-M27	550	16-M27	550	16-M33	128	240	400
450	152	815	475	565	20-M24	565	20-M24	585	20-M27	600	20-M27	600	20-M33	152	330	600
500	152	905	525	620	20-M24	620	20-M24	650	20-M30	660	20-M30	660	20-M33	168	370	600
600	178	1050	610	725	20-M27	725	20-M27	770	20-M33	770	20-M33	770	20-M36	320	370	600
700	229	1276	795	840	24-M27	840	24-M27	840	24-M33	875	24-M33	875	24-M39	515	800	
800	241	1384	837	950	24-M30	950	24-M30	950	24-M36	990	24-M36	990	24-M45	515	800	
900	241	1500	885	1050	28-M30	1050	28-M30	1050	28-M36	1090	28-M36	1090	28-M45	515	800	
1000	300	1620	946	1160	28-M33	1160	28-M33	1170	28-M39	1210	28-M39	1210	28-M52	785	570	800
1200	360	2185	1165	1380	32-M36	1380	32-M36	1390	32-M45	1420	32-M45	1420	32-M52	785	570	800

单位Unit: mm

侧法兰D1、N-M连接标准依据GB9113.1,2010,DIN2501,ASNI B16.5(DN700以上依据ASME B16.47)日标5K/10K,上法兰标准符合SO5211标准,也可依据客户要求尺寸加工!

The connection standard of side flange D1, N-M is according to GB9113.1-2010, DIN2501, ASME B16.5. (Remarks: It would according to ASME B16.47 when the flange size is bigger than DN700.)

JIS 5K/10K, The flange connection standard is according to ISO5211 or as customer's requirements.

衬氟蝶阀 PTFE Lining Butterfly Valve



对夹式衬氟蝶阀 PTFE Lining Wafer Butterfly Valve

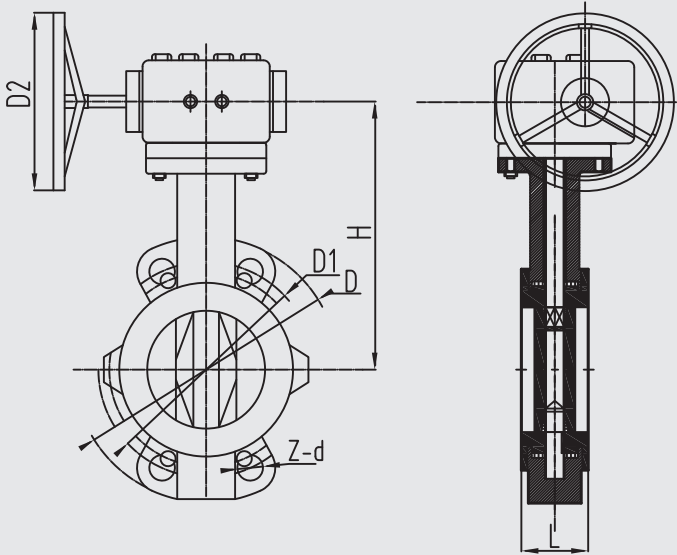
衬氟蝶阀尺寸表
The dimensions list for
polytetralu croethylenelining butterfly valve

技术规范

设计标准: HG/T3704
结构标准: GB/T 12221 ASME B16.10
法兰标准: GB/T9113.1 JB/T79.1 ASME B16.5
连接方式: 对夹式, 法兰式
公称压力: 1.0、1.6MPa
检验试压: JB/T9092 GB/T13927 API598
驱动方式: 手动、电动、气动等操作方式

TECHNICAL SPECIFICATION

Deign standard:HG/T3704
End to end dimension:1.0、1.6MPa
Flange standard:GB/T9113.1 JB/T79.1 ASME B16.5
Type of connection: The wafer 、 Flange
Nominal pressure:1.0、1.6MPa
Inspection and testing: JB/T9092 GB/T13927 API598
Mode of driving: handle,electric,pneumatic etc.



单位Unit: mm													
公称通径 Nominal diameter DN		连接尺寸 Connecting dimensions								主要尺寸 Main Dimensions			扭矩 Torques
		L		PN10(1.0MPa)			PN10(1.6MPa)			H	D2	Wt (kg)	
		对夹 Wafer	法兰 Flange	D	D1	Z-d	D	D1	Z-d			对夹 Wafer	
mm	inch												N.M
40	1.5	40	106	145	110	4-18	145	110	4-18	135	150	5	23
50	2	43	108	160	125	4-18	160	125	4-18	143	150	5.5	25
65	2.5	46	112	180	145	4-18	180	145	4-18	157	150	6.5	40
80	3	46	114	195	160	4-18	195	160	8-18	178	150	8	45
100	4	52	127	215	180	8-18	215	180	8-18	185	200	9	105
125	5	56	140	245	210	8-18	245	210	8-18	206	200	12.5	225
150	6	56	140	280	240	8-23	280	240	8-23	225	280	15	295
200	8	60	152	335	295	8-23	335	295	12-23	275	280	23	355
250	10	68	165	390	350	12-23	405	355	12-25	326	340	32	705
300	12	78	178	440	400	12-23	460	410	12-25	333	340	45	1175
350	14	78	190	500	460	16-23	520	470	16-25	393	340	70	1410
400	16	102	216	565	515	16-25	580	525	16-30	438	340	990	1645
450	18	114	222	615	565	20-25	640	585	20-30	488	340	110	2680
500	20	127	229	670	620	20-25	705	650	20-34	540	400	135	3630
600	24	154	267	780	725	20-30	840	770	20-41	615	400	200	4500
700	28	165	292	895	840	24-30	910	840	24-41	660	500	315	5500
800	32	190	318	1010	950	24-34	1020	950	24-41	720	500	345	7500
900	36	203	330	1110	1050	28-34	1120	1050	28-41	785	500	420	10500
1000	40	216	410	1220	1160	28-34	1255	1170	28-48	900	640	620	15000
1200	48	254	470	1450	1380	32-41	1485	1390	32-54	1070	640	920	22000

法兰式衬氟蝶阀 PTFE Flange Butterfly Valve

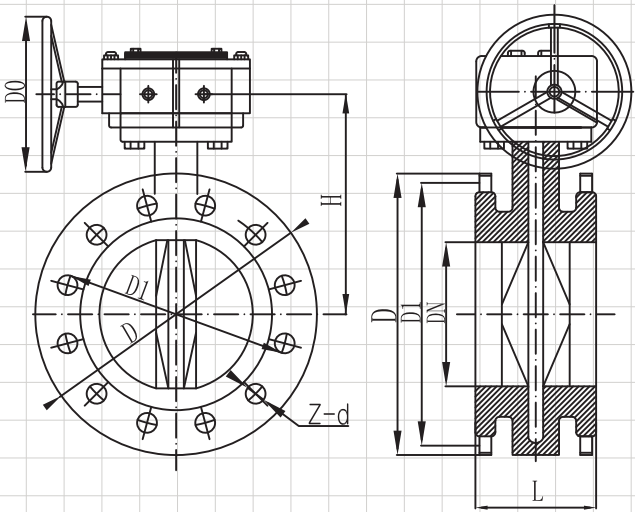
衬氟蝶阀尺寸表
The dimensions list for
polytetralu croethylenelining butterfly valve

技术规范

设计标准: HG/T3704
结构标准: GB/T 12221 ASME B16.10
法兰标准: GB/T9113. 1 JB/T79.1 ASME B16.5
连接方式: 对夹式, 法兰式
公称压力: 1.0、1.6MPa
检验试压: JB/T9092 GB/T13927 API598
驱动方式: 手动、电动、气动等操作方式

TECHNICAL SPECIFICATION

Deign standard:HG/T3704
End to end dimension:1.0、1.6MPa
Flange standard:GB/T9113. 1 JB/T79.1 ASME B16.5
Type of connection: The wafer 、 Flange
Nominal pressure:1.0、1.6MPa
Inspection and testing: JB/T9092 GB/T13927 API598
Mode of driving: handle,electric,pneumatic etc.



单位Unit: mm

公称通径 Naminal diameter DN		连接尺寸 Connecting dimensions								主要尺寸 Main Dimensions			扭矩 Torques
		L		ASME 150LB			JIS 10K			H	D2	Wt (kg)	
mm	inch	对夹 Wafer	法兰 Flange	D	D1	Z-d	D	D1	Z-d			对夹 Wafer	N.M
40	1.5	40	106	127	98.5	4-15	140	105	4-19	135	150	10	-
50	2	43	108	152	120.7	4-19	155	120	4-19	143	150	12	30
65	2.5	46	112	178	139.7	4-19	175	140	4-19	157	150	14	48
80	3	46	114	190	152.4	4-19	185	150	8-19	178	150	18.5	54
100	4	52	127	229	190.5	8-19	210	175	8-19	185	200	20	126
125	5	56	140	254	215.9	8-22	250	210	8-23	206	200	22	270
150	6	56	140	279	241.3	8-22	280	240	8-23	225	280	25	354
200	8	60	152	343	298.5	8-22	330	290	12-23	275	280	46	426
250	10	68	165	406	362.5	12-25	400	355	12-25	326	340	58	846
300	12	78	178	283	431.8	12-25	445	400	16-25	333	340	70	1410
350	14	78	190	533	476.3	12-29	490	445	16-25	393	340	92	1692
400	16	102	216	597	539.8	16-29	560	510	16-27	438	340	135	1974
450	18	114	222	635	577.9	16-32	620	565	20-27	488	340	170	3216
500	20	127	229	698	635	20-32	675	620	20-27	540	400	203	4356
600	24	154	267	813	749.3	20-35	795	730	24-33	615	400	340	5400
700	28	165	292	927	863.6	28-35	905	840	24-33	660	500	520	6600
800	32	190	318	1060	977.9	28-41	1020	950	28-33	720	500	740	9000
900	36	203	330	1168	1085.8	32-41	1120	1050	28-33	785	500	1020	12600
1000	40	216	410	1289	1200.2	36-41	1235	1160	28-39	900	640	1390	18000
1200	48	254	470	1510	1422.4	44-41	1465	1380	32-39	1070	640	1950	26400

化工工业 Chemical Industry

广泛用于化工、印染，有强腐蚀性介质的管道输送
Widely used in chemical industry,printing and dyeing,have strong corrosive medium pipeline

阀体材料可选:铸铁,球墨铸铁,碳素铸钢,
不锈钢(304、316、316L)
Boby material:Castiron、Ductile Iron、Carbon steel
Stainless Steel(304、316、316L)



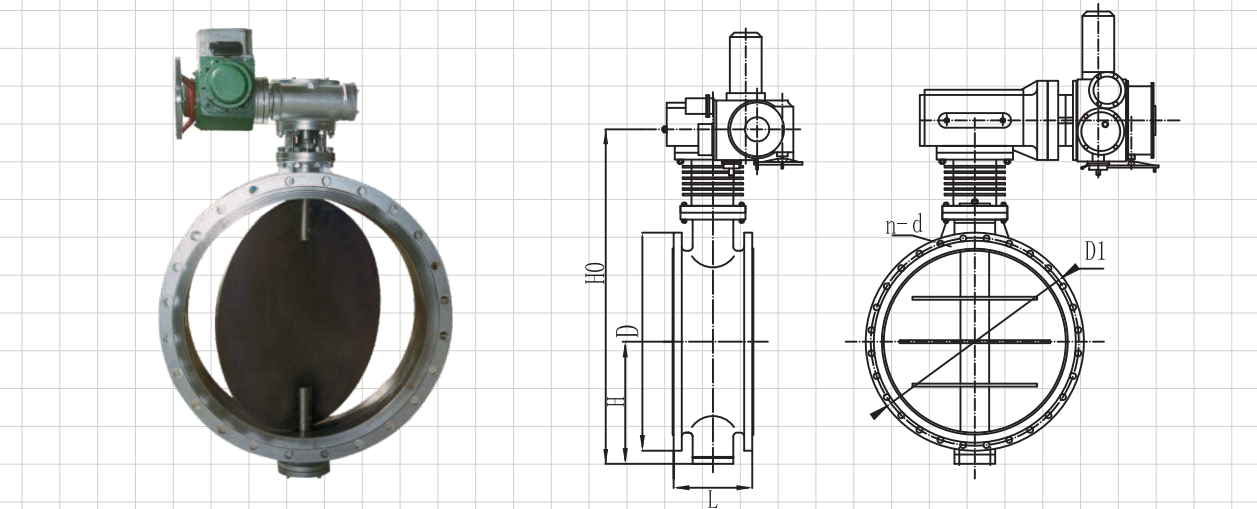
阀座材料:聚全氟乙烯(F46)、聚四氟乙烯(F4)、聚烯烃(PO)等
The seat material:F46、PTFE、PO etc.
阀瓣材料:不锈钢(304、316、316L),钢衬F4/F46, 304衬F4/F46
DISC material:SS304、316、316L,Steel liner F4/F46,304 linerF4F46



产品尺寸DN40–DN1000，更大的尺寸可根据客户要求制造
Valve sizes are from DN40 to DN1000,and bigger sizes can be
manufactured according to customer's requirements.

通风蝶阀 Ventilation Butterfly Valve

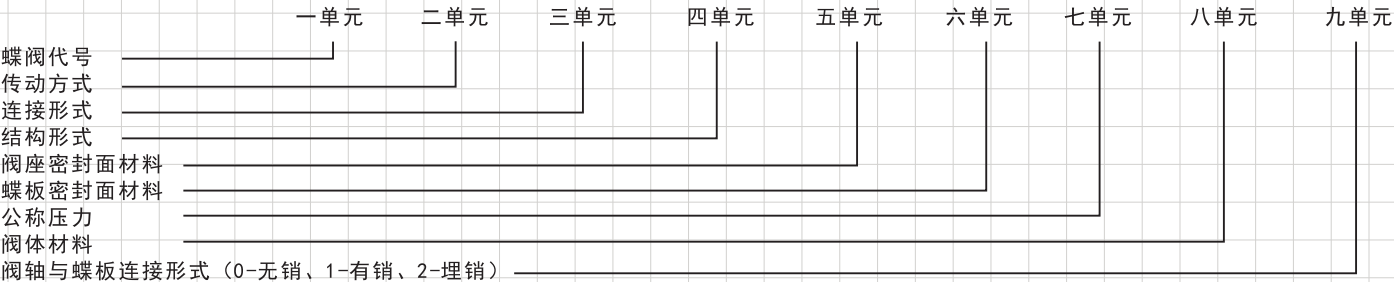
阀门型号编制规则 Model Rules of The Preparation of Valves



单位Unit: mm

公称通径 Nominal diameter DN	连接尺寸 Connecting dimensions											
				0.05-0.1MPa			0.25MPa			0.6MPa		
	mm	L	H	H0	D	D1	n-d	D	D1	n-d	D	D1
65	112	80	362	160	130	4-14	160	130	4-14	160	130	4-14
80	114	95	408	190	150	4-18	190	150	4-18	190	150	4-18
100	127	105	486	210	170	4-18	210	170	4-18	210	170	4-18
125	140	120	516	240	200	8-18	240	200	8-18	240	200	8-18
150	140	132	541	265	225	8-18	265	225	8-18	265	225	8-18
200	152	160	779	320	280	8-18	320	280	8-18	320	280	8-18
250	165	187	836	375	335	12-18	375	335	12-18	375	335	12-22
300	180	220	901	440	395	12-22	440	395	12-22	440	395	12-22
350	180	245	954	490	445	12-22	490	445	12-22	490	445	12-22
400	200	270	1003	540	495	16-22	540	495	16-22	540	495	16-22
450	200	297	1058	595	550	16-22	595	550	16-22	595	550	16-22
500	220	322	1111	645	600	20-22	645	600	20-22	645	600	20-22
600	220	377	1233	755	705	20-26	755	705	20-26	755	705	20-26
700	240	430	1338	860	810	24-26	860	810	24-26	860	810	24-26
800	240	487	1452	975	920	24-30	975	920	24-30	975	920	24-30
900	260	537	1588	1075	1020	24-30	1075	1020	24-30	1075	1020	24-30
1000	260	587	1689	1175	1120	28-30	1175	1120	28-30	1175	1120	28-30
1200	280	702	1938	1375	1320	32-30	1375	1320	32-30	1405	1340	32-33
1400	300	782	2670	1575	1520	36-30	1575	1520	36-30	1630	1560	36-36
1600	320	895	2810	1790	1730	40-30	1790	1730	40-30	1830	1760	40-36
1800	340	995	3020	1990	1930	44-30	1990	1930	44-30	2045	1970	44-39
2000	360	1095	3220	2190	2130	48-30	2190	2130	48-30	2265	2180	48-42
2200	380	1200	3430	2405	2340	52-33	2405	2340	52-33	2475	2390	52-42
2400	400	1310	3650	2605	2540	56-33	2605	2540	56-33	2685	2600	56-42
2600	420	1420	3920	2805	2740	60-33	2805	2740	60-33	2905	2810	60-48
2800	440	1530	4140	3030	2960	64-36	3030	2960	64-36	3115	3020	60-48
3000	460	1640	4360	3230	3160	68-36	3230	3160	68-36	3315	3220	68-48

一、蝶阀型号格式及组成



二、蝶阀型号各组成部分代号

二单元 (传动方式) 注:手柄传动方式代号省略

传动方式	蜗轮	气动	液动	电动
代号	3	6	7	9

四单元 (结构形式)

蝶阀结构形式	中线式	单偏心	双偏心	三偏心
代号	1	2	3	4

三单元 (连接形式)

连接形式	内螺纹	外螺纹	法兰		焊接	对夹	单夹	卡箍	卡套
			短系列	长系列					
代号	1	2	4	4	6	7	7	8	9

五单元 (阀座密封面材料)

密封面材料	铜合金	合金钢	渗氮钢	渗硼钢	硬质合金	镍基轴承合金	衬铅	衬胶	尼龙	聚四氟乙烯
代号	T	H	D	P	Y	B	Q	J	N	F
密封面材料	食品胶	硅橡胶	乙丙胶	氯丁橡胶	丁腈橡胶	耐磨橡胶	氟橡胶	耐热乙丙胶		
代号	X1	X2	X3	X4	X5	X6	X7	X8		

六单元 (蝶板密封面材料)

密封面材料	镀镍	镀铬	铜合金	铝合金	不锈钢	碳钢	改性环氧	尼龙	聚四氟乙烯	氧化聚醚
代号	DN	DL	T	L	P	C	G	N	F	M
密封面材料	食品胶	硅橡胶	乙丙胶	氯丁橡胶	丁腈橡胶	耐磨橡胶	氟橡胶	耐热乙丙胶		
代号	X1	X2	X3	X4	X5	X6	X7	X8		

七单元 (公称压力)

公称压力 (MPa)	0.25	0.6	1.0	1.6	2.5	4.0	6.4	10.0
代号	2.5	6	10	16	25	40	64	100

八单元 (公称压力)

注:PN≤1.6MPa灰铸铁阀,PN≥2.5MPa碳素钢阀省略本代号

阀体材料	灰铸铁	球墨铸铁	铜合金	铝合金	碳钢	铬组合金刚	铬镍钛不锈钢	铬钼钛不锈钢	铬钼钒钢	塑料
代号	Z	Q	T	L	C	I	P	R	V	S

三、示例

