上海电站阀门厂愿与您协手共同成长。

Join hands with us for mutual development!

上海电站阀门厂有限公司
SHANGHAI POWER PLANT VALVE FACTORY CO.,LTD

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SANITARY VALVES



Company Profile
企业介绍

上海电站阀门厂有限公司创立于1966年，座落于中国上海市青浦区朱枫公路1268号，企业前身为上海电站阀门厂，经过五十多年的创业、创造、创新,现SDF品牌是中国国家电力设备管理协会推荐品牌，是机械部、国家电力公司定点生产高温高压电站阀门的专业厂。

公司生产设备齐全，检测手段完善。公司新厂区占地面积地73336m2，其总投入数十亿元。引进了"奥林巴斯"公司光发射直读光谱仪、射线探伤室、超声波探伤机、DP600密封面等离子喷焊机、1800t高压大口径阀门专用压力试验机、DN4000数控立式加工机床、加工中心等重大装备，使产品加工制造能力和检测水平得到快速完善和提升。目前已形成年产80万台套锻钢阀门的生产能力。

公司在同行业中较早通过三体系认证(质量、环境、职业健康安全管理体系)、特种设备生产许可资格的A1、A2、B级(闸阀、截止阀、止回阀、调节阀、球阀、蝶阀、超低温阀门等)、API认证证书、欧盟CE认证等各类资质证书。公司拥有现代化检测手段包括:机械性能、光谱、金相、PT、UT、RT、MT等。阀门整机出厂和型式试验能力包括:阀门高低压水或气体试验、高低温阀门试验、阀门防火试验、阀门低泄露试验、阀门开关循环寿命、阀门流量测试验、阀门真空试验等,阀门试验过程已获取第三方认证证书。

公司主要生产产品有闸阀、截止阀、止回阀、球阀、蝶阀、调节阀、疏水阀、仪表阀等;主要覆盖电力、化工(煤化工/炼化/精细化工)、天然气、石化、冶金、核电等行业，阀门种类规格2000余种;阀门主体材料有碳钢、不锈钢、合金钢、低温钢及各种特材等;压力等级从1.6MPa~80.0MPa,Class150~Class4500;公称通径从DN10mm~4000mm,温度从-196C~1100C。驱动方式有手动、齿轮传动、电动、气动和液动;产品采用标准: NB/T,GB,JB, ANSL,APL,JIS,BS,DIN,GOST,NF等标准。公司充分重视国内市场销售的同时，产品也远销欧美、巴基斯坦、印度、日本、伊朗、印尼、孟加拉、菲律宾、马来西亚等国家。

SHANGHAI POWER PLANT VALVE FACTORY CO., LTD. was founded in1966, It is located in No.1268,Zhufeng Highway, Qingpu District, Zhangjiang Park, Shanghai, China.The predecessor of the company was the Shanghai Power Station Valve Factory. After more than fifty years of entrepreneurship, creation, and innovation, the SDF brand is now a brand recommended by the China National Electric Equipment Management Association and a specialized manufacturer designated by the Ministry of Machinery and the State Power Corporation for producing high-temperature and high-pressure power station valves.

The company is fully equipped with production facilities and comprehensive testing methods. The new factory covers an area of 73,336 m², with a total investment of several hundred million yuan. It has introduced major equipment, including Olympus direct-reading optical emission spectrometers, X-ray inspection rooms, ultrasonic flaw detectors, DP600 plasma spray welding machines for sealed surfaces, 1800t high-pressure large-diameter valve testing machines, DN4000 CNC vertical machining centers, and machining centers, which have rapidly improved and enhanced the company's product manufacturing capabilities and testing standards. It now has an annual production capacity of 800,000 sets of forged steel valves.

The company was among the early ones in the industry to obtain the three-system certifications (quality, environmental, and occupational health and safety management systems), as well as special equipment production licenses at levels A1, A2, and B (covering gate valves, globe valves, check valves, control valves, ball valves, butterfly valves, ultra-low temperature valves, etc.), API certification, EU CE certification, and various other qualification certificates. The company possesses modern testing methods, including mechanical performance, spectroscopy, metallography, PT, UT, RT, MT, and others. The capabilities for valve factory and type testing include high and low-pressure water or gas testing, high and low-temperature valve testing, valve fire testing, low leakage testing, valve cycle life testing, valve flow testing, vacuum testing, and more. The valve testing processes have obtained third-party certification.

The company mainly manufactures products such as gate valves, globe valves, check valves, ball valves, butterfly valves, control valves, steam traps, and instrument valves. Its products primarily serve industries including electric power, chemical (coal chemical/ refining/fine chemical), natural gas, petrochemical, metallurgy, and nuclear power. The company offers more than 2,000 types and specifications of valves. The main materials for the valves include carbon steel, stainless steel, alloy steel, low-temperature steel, and various special materials. Pressure ratings range from 1.6 MPa to 80.0 MPa, Class 150 to Class 4500; nominal diameters range from DN10mm to 4000mm, and temperatures range from -196°C to 1100°C. Actuation methods include manual, gear-driven, electric, pneumatic, and hydraulic. Products adhere to standards such as NB/T, GB, JB, ANSI, API, JIS, BS, DIN, GOST, and NF. While placing great emphasis on domestic market sales, the company's products are also exported to countries including Europe, the United States, Pakistan, India, Japan, Iran, Indonesia, Bangladesh, the Philippines, and Malaysia.

经营目标：
打造行业领先品牌
企业宗旨 ：
为顾客创造价值、为员工创造机会、为社会创造效益
企业精神 ：
敬业、团队、创新

Operational objectives:
A famous Chinese brand to build first-class enterprise
Enterprise purpose:
Create value for customers to create opportunities for employees to create benefits for the community
Entrepreneurship:
Dedicated, team, innovation


公司总部



上海青浦


南塘新区


空港新区



Comany Culture
• 企业文化

Further to implement the scientific outlook on deve-lopment, within the strong quality, outside the plastic image as the main line, strengthen management, promote the reform, promoting technology and talent development, forming a new management mechanism to benefit as the center, take the mark-et as the guidance enterprise gradually, the company has the full implementation of com puterized infor-mation management letter from 4CP to ERP, and strive to Shanghai power plant valve factory Co., Ltd. into the benefit is good, high income, beautiful environment of the domestic first-class modern enterprise.







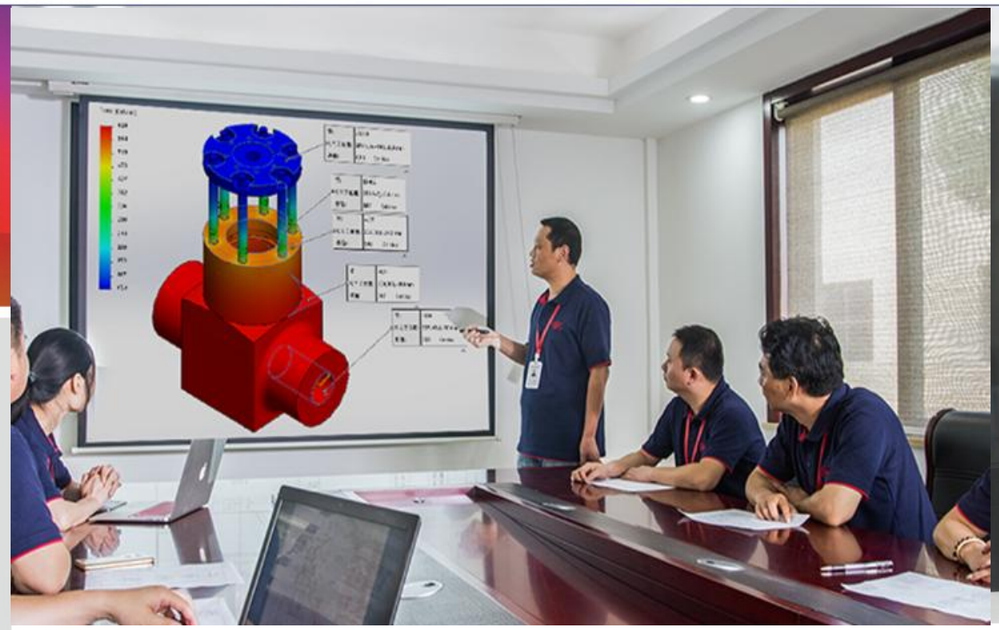
深入贯彻落实科学发展观，以内强素质、外塑形象为主线，强化管理，推进改革，促进技术和人才成长，逐步形成以效益为中心、以市场为导向的企业经营新机制，公司已全面实施从4CP到ERP的信息化管理，努力把上海电站阀门厂有限公司打造成效益好、收入高、环境美的国内一流现代化企业。

Innovation Technology

• 创新研发

研发与装备
不断改进产品是
我们持续发展的动力

Continuous Improvement Is Our Driving Force For Sustainable Development











Detection Center
• 检测中心







过程检验,严格把关
确保产品安全可靠性能

Process inspection,
strict control
Ensure the safety and
reliability of the product







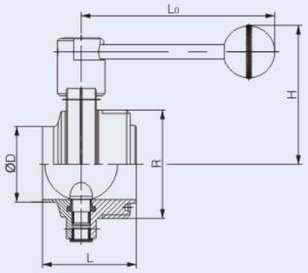
为了提供高品质产品，公司配置了先进的检测设备以及完善的检测手段，建立了一支严格要求的品质管理队伍，实现了从原材料检测，生产过程检测，产品及应用全过程的质量控制。

To ensure high quality of our products, Our company has advanced testing facilities and perfect testing methods. We have a strict quality control team, which can control entire process for raw materials, production process, products and application.

Sanitary butterfly valve

卫生蝶阀

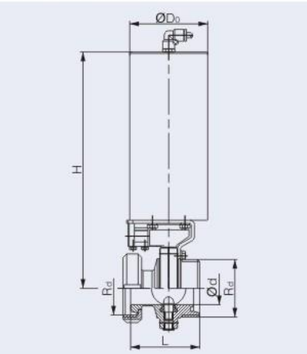
单螺 / 单焊手动蝶阀
Thread / weld manual butterfly valve



RJT / RD51EY

Size(Inch)	L	D	R TPI ACME	L0	H
1	58	25.4	45.72x1/8"	115	80
1 1/2	60	38.1	58.42x1/8"	115	87
2	63	50.8	72.72x1/6"	130	93
2 1/2	68	63.5	85.42x1/6"	145	102
3	72	76.2	98.12x1/6"	145	109
4	84	101.6	123.52x1/6"	160	124

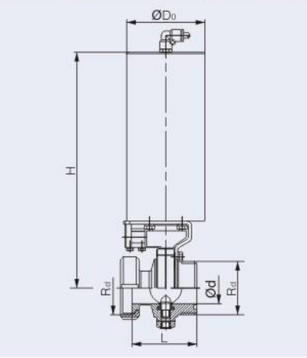
单螺 / 单螺母气动蝶阀
Male / female pneumatic butterfly valve



DIN / ND6LB31EY

Size/DN	L	Rd	d	D0	H
15	76	Rd34x1/8"	15	75	229
20	78	Rd44x1/6"	19	75	231
25	80	Rd52x1/6"	25	75	235
32	80	Rd58x1/6"	31	75	238
40	80	Rd65x1/6"	37	88	271
50	85	Rd78x1/6"	49	88	278
65	92	Rd95x1/6"	66	88	289
80	100	Rd110x1/4"	81	113	327
100	110	Rd130x1/4"	100	113	338

单螺 / 单螺母气动蝶阀
Male / female pneumatic butterfly valve

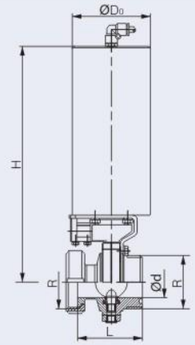


SMS/GD6LB31EY

Size(Inch)	L	Rd	d	D0	H
1	76	Rd40x1/6"	22.4	75	230
1 1/4	76	Rd48x1/6"	28.8	75	233
1 1/2	76	Rd60x1/6"	35.1	88	269
2	78	Rd70x1/6"	47.8	88	274
2 1/2	85	Rd85x1/6"	59.5	88	283
3	90	Rd98x1/6"	72.2	88	290
3 1/2	94	Rd110x1/6"	84.9	113	328
4 (Max)	105	Rd132x1/6"	97.6	113	340
4 (Min)	105	Rd125x1/4"	97.6	113	336

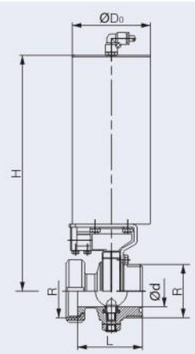
Male / female pneumatic butterfly valve

单螺 / 单螺母气动蝶阀



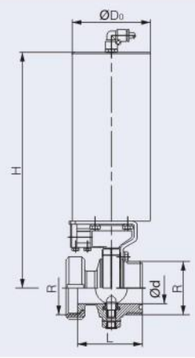
3A / AD6LB31EY

Size(Inch)	L	R TPI ACME	d	D0	H
1	74	37.13x1/8"	22.1	75	230
1 1/2	76	50.65x1/8"	34.8	88	266
2	78	64.16x1/8"	47.5	88	272
2 1/2	85	77.67x1/8"	60.2	88	282
3	90	91.19x1/8"	72.9	88	289
4	105	119.25x1/6"	97.38	113	336



IDF / FD6LB31EY

Size(Inch)	L	R TPI ACME	d	D0	H
1	76	37.13x1/8"	22.4	75	230
1 1/2	78	50.65x1/8"	35.1	88	266
2	80	64.16x1/8"	47.8	88	272
2 1/2	87	77.67x1/8"	59.5	88	282
3	92	91.19x1/8"	72.2	88	289
4	107	125.90x1/6"	97.6	113	336

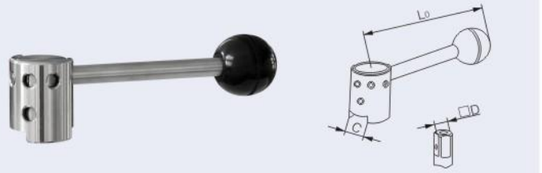


RJT / RD6LB31EY

Size(Inch)	L	R TPI ACME	d	D0	H
1	74	45.72x1/8"	22.2	75	232
1 1/2	76	58.42x1/8"	34.9	88	269
2	78	72.72x1/6"	47.6	88	275
2 1/2	85	85.42x1/6"	60.3	88	283
3	90	98.12x1/6"	73.0	88	289
4	105	123.52x1/6"	97.6	113	336

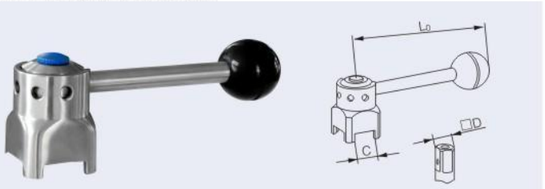
Butterfly valve handle
蝶阀手柄

Y 款 3 个位置拉式手柄
Y type 3 positions pull handle



Size		L0	C	□ D
DN15–20	3/4"	105	20	6 × 6
DN25–40	1"–1.5"	115	20	8 × 8
DN50	2"	130	20	9 × 9
DN65	2.5"–3"	145	22	9 × 9
DN80–100	3.5"–4"	160	24	10 × 10

F 款 3 个位置拉式手柄
F type 3 positions pull handle



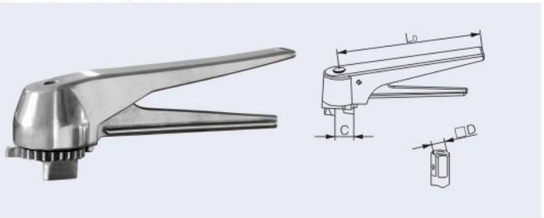
Size		L0	C	□ D
DN15–20	3/4"	105	20	6 × 6
DN25–40	1"–1.5"	115	20	8 × 8
DN50	2"	130	20	9 × 9
DN65	2.5"–3"	145	22	9 × 9
DN80–100	3.5"–4"	160	24	10 × 10

K 款 可锁定多位置手柄
K type locks multi–position handle



Size		L0	C	□ D
DN15–20	3/4"	120	20	6 × 6
DN25–40	1"–1.5"	120	20	8 × 8
DN50	2"	150	20	9 × 9
DN65	2.5"–3"	150	22	9 × 9
DN80–100	3.5"–4"	180	24	10 × 10

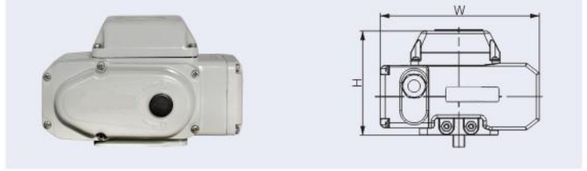
V 款 可锁定多位置手柄
V type locks multi–position handle



Size		L0	C	□ D
DN15–20	3/4"	125	20	6 × 6
DN25–40	1"–1.5"	125	20	8 × 8
DN50	2"	145	20	9 × 9
DN65	2.5"–3"	145	22	9 × 9
DN80–100	3.5"–4"	170	24	10 × 10

Valve actuator
阀门执行器

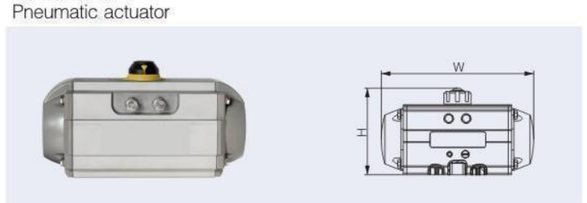
电动执行器
Electric actuator



ZBQ9S

型 号	W	H
ZBQ9S–05	162	106
ZBQ9S–10	207	154
ZBQ9S–20	258	198
ZBQ9S–40	258	198

气动执行器
Pneumatic actuator



ZBQ6S

型 号	W	H
ZBQ6S–50	144	93
ZBQ6S–63	159	110
ZBQ6S–75	221	125
ZBQ6S–88	248	140
ZBQ6S–100	271	150
ZBQ6S–115	315	180
ZBQ6S–125	345	190

气动执行器
Pneumatic actuator



ZBD6F

型 号	D0	H
ZBD6F–85	85	156
ZBD6F–108	108	193

ZBD6L

型 号	D0	H
ZBD6L–75	75	160
ZBD6L–88	88	190
ZBD6L–113	113	220

Globe valve reversing valve

截止阀 / 换向阀

应用

- 这是一种单座和双座阀、应用于卫生场合 (例如无菌加工) 。

工作原理

- 可以通过执行器自动操作也可用手动操作
- 手柄控制阀门“开”和“关”的位置，或者调节到其他位置
- 执行器把活塞的轴向运动转换成 90 °旋转运动，传递给蝶阀

气动头功能

- 气动下行、弹簧复位 (常闭 B)
- 气动上行、弹簧复位 (常开 K)
- 气动下行和上行 (A/A)

设计和特点

- 卫生阀门灵活性设计
- 尺寸 DN25/1" 到 DN100/4"
- 手动手柄和气动或电动执行器可互换
- 任何连接方式的阀体都可以进行更换

Applications

- It is a kind of single–seated or double–seated valve to be applicable for hygiene occasions (for example, aseptic processing).

Working Principles

- Operated automatically by actuator or manually.
- On/Off setting or other position controlled by handles.
- The actuator changes the axial motion of piston into 90 degree rotary motion and converts to pneumatic head function of butterfly valve.

Pneumatic head function

- Pneumatic–driven downstream, spring return (NC B)
- Pneumatic–driven upstream, spring return (NO, K)
- Pneumatic–driven upstream or downstream (A/A)

Design and features

- Flexible design of sanitary valves
- Size from DN25/1" to DN100/4"
- Replaceable between manual handle and pneumatic or electric actuators
- Replaceable by any connection modes of valve body



Globe Valve Reversing Valve

截止阀 / 换向阀

- 采用长寿命的活塞环，及选用高耐磨的密封材质
  缸体内壁 CNC 加工制成
  改变执行器安装方向， B/K 互换
- 主要元器件来自国际知名企业，内配泄压阀，密封式电子器件。适合 10-100mm 行程范围内的执行器。
  模块化设计，可达到最优性价比。可远程集中控制，实现对阀门工作状态的实时监控及信号反馈。

- Applies long–life piston ring and selects wear–resistant sealing materials, processes its internal wall of cylinder by CNC, changes its installation direction of actuator, is replaceable between B/K.
- Its main elements introduce from international famous enterprises, equipped with relief valve and sealed electronic devices. Suitable for actuators with 10–100mm stroke limits. Its modularized structure can optimize its performance–price ratio. Its remote and centralized control can realize real–time monitoring and signal feedback of working status of valves.

- PTFE 自润滑导向套导向效果更好
- 开放式支架结构减少阀体至执行器的热传导，便于检查密封
- 卡箍式连接，便于安装维护
- 流动性优化的阀腔，确保了产品处理过程的连续性和清洗更高效组合阀体的结构形式多样，应用更广泛阀杆金属止动，提高密封寿命

- PTFE self–lubricating guide sleeve has better guidance effect.
- Open–type bracket structure reduces the heat conduction from valve to actuator, for the convenience of examination and sealing.
- Clasped connection easy to install and maintain.
- Flowability optimized valve cavity ensures the continuity of product process and cleaning, the variety of high–efficiency valve combination makes its apply for wider metal stop application of valve stem and prolongs its sealing life.

- DZ3 系列单座阀的各种口径的阀门间的执行器安装尺寸是一致的，这样便于各口径的阀体与
  执行器之间的组合，以满足不同客户对阀门工作压力的需要

- The installation sizes of actuators available for DZ3 single–seated valves in various bore diameters is consistent, so as to facilitate the combination of valves in various diameters and actuators and to meet the needs of different customers for working pressure of valves.

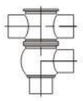
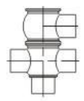
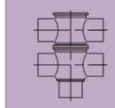
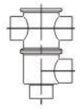
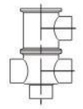
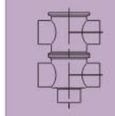
Globe valve reversing valve

截止阀 / 换向阀

技术参数 Technicaldata

金属材质 Material	与介质接触的部件 Contact with the media components	304/316L
	不与介质接触的部件 Noncontact with the media components	304
密封材质 Seal material	标配 standard	EPDM
	选配 option	NBR, Si, FKM
	采用进口密封材料，所有密封材质均符合 FDA 21 CFR 177.2600 All seal materis comply with FDA 21 CFR 177.2600	
温度 Temperature	介质温度 Medium temperature	-20~+120 ℃
	灭菌温度 Sterilization temperature	+150 ℃ (Max 20min)
	环境温度 Environment temperature	-20~+80 ℃
压力 Pressure	工作压力 Working pressure	0~10bar
	控制气源压力 Control air pressure	5~8bar
表面处理 Surface treatment	内表面处理 Internal surface	Ra ≤ 0.6Um
	外表面处理 External surface	抛哑光，喷砂处理 Cast matte, sandblasting
连接 connection	连接方式：焊接、螺纹、卡箍 Connection method: welding, thread, Clamp	
	接口标准：DIN 、ISO 、SMS 、3A Interface standard: DIN, ISO, SMS, 3A	
选配 Option	智能控制器 Inteligent controller	24V DC
		1/3 个电磁阀 1/3 solenoid valve
	位置传感器 Position sensor	24V DC
		2 只 NPN 或 PNP 位置传感器 2 NPN or PNP position sensor

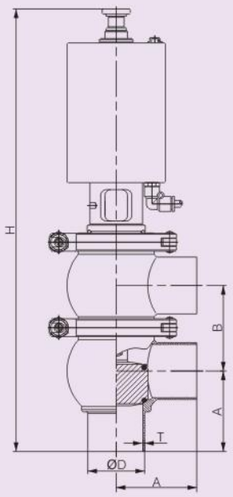
阀体组合形式图 Valve combination form graph

代号 Code	L 型 L-Type	F 型 F-Type	LT 型 LT-Type	T 型 T-Type	TL 型 TL-Type	TT 型 TT-Type
球形阀体 Spherical Body						
直形阀体 Straight Body						

Reversing valve

换向阀

焊接式气动换向阀
Weld pneumatic reversing valve



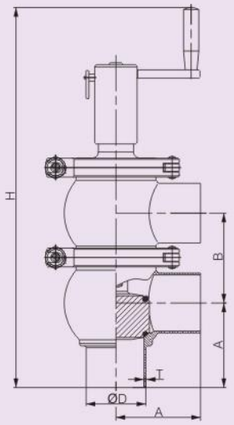
DIN / NX6LB64EF

Size/DN	D 1 Series	D 2 Series	T	A	B	H
25	28	29	1.5	50	58.5	336
32	34	35	1.5	50	58.5	336
40	40	41	1.5	58	67.0	360
50	52	53	1.5	72	76.5	396
65		70	2.0	89	96.0	495
80		85	2.0	103	118.5	540
100		104	2.0	120	137.5	605

ISO / GX6LB64EF

Size(Inch)	D	T	A	B	H
1	25.4	1.5	50	58.5	336
1 1/4	31.8	1.5	50	58.5	336
1 1/2	38.1	1.5	58	67.0	360
2	50.8	1.5	72	76.5	396
2 1/2	63.5	2.0	82	89.0	420
3	76.2	2.0	92	102.0	505
3 1/2	88.9	2.0	103	118.5	540
4	101.6	2.0	120	137.5	605

焊接式手动换向阀
Weld manual reversing valve



DIN / NXL64EF

Size/DN	D 1 Series	D 2 Series	T	A	B	H
25	28	29	1.5	50	58.5	272
32	34	35	1.5	50	58.5	272
40	40	41	1.5	58	67.0	290
50	52	53	1.5	72	76.5	323
65		70	2.0	89	96.0	388
80		85	2.0	103	118.5	435
100		104	2.0	120	137.5	512

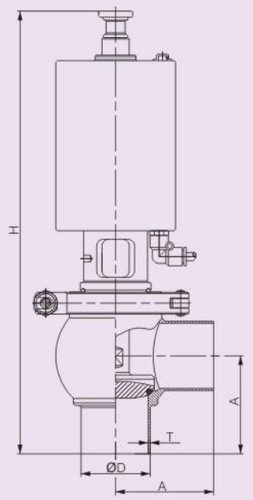
ISO / GXL64EF

Size(Inch)	D	T	A	B	H
1	25.4	1.5	50	58.5	272
1 1/4	31.8	1.5	50	58.5	272
1 1/2	38.1	1.5	58	67.0	280
2	50.8	1.5	72	76.5	323
2 1/2	63.5	2.0	82	89.0	350
3	76.2	2.0	92	102.0	398
3 1/2	88.9	2.0	103	118.5	435
4	101.6	2.0	120	137.5	512

Globe valve

截止阀

焊接式气动截止阀
Weld pneumatic globe valve



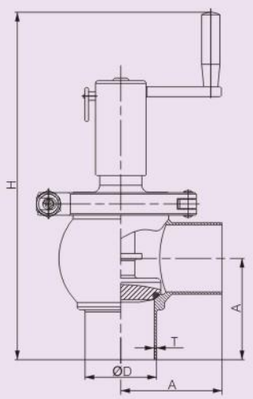
DIN / NJ6LB64EL

Size/DN	D 1 Series	D 2 Series	T	A	H	
25	28	29	1.5	50	268	
32	34	35	1.5	50	268	
40	40	41	1.5	58	300	
50	52	53	1.5	72	325	
65		70	2.0	89	405	
80		85	2.0	103	426	
100		104	2.0	120	472	

ISO / GJ6LB64EL

Size(Inch)	D	T	A	H	
1	25.4	1.5	50	268	
1 1/4	31.8	1.5	50	268	
1 1/2	38.1	1.5	58	300	
2	50.8	1.5	72	325	
2 1/2	63.5	2.0	82	336	
3	76.2	2.0	92	410	
3 1/2	88.9	2.0	103	426	
4	101.6	2.0	120	472	

焊接式手动截止阀
Weld manual globe valve



DIN / NJL64EL

Size/DN	D 1 Series	D 2 Series	T	A	H	
25	28	29	1.5	50	213	
32	34	35	1.5	50	213	
40	40	41	1.5	58	223	
50	52	53	1.5	72	248	
65		70	2.0	89	290	
80		85	2.0	103	316	
100		104	2.0	120	375	

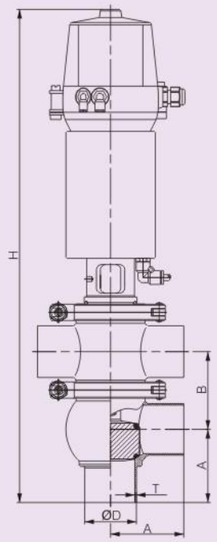
ISO / GJL64EL

Size(Inch)	D	T	A	H	
1	25.4	1.5	50	213	
1 1/4	31.8	1.5	50	213	
1 1/2	38.1	1.5	58	223	
2	50.8	1.5	72	248	
2 1/2	63.5	2.0	82	260	
3	76.2	2.0	92	296	
3 1/2	88.9	2.0	103	316	
4	101.6	2.0	120	375	

Control valve

控制阀

智能控制双座阀
Double seat intelligent control valve



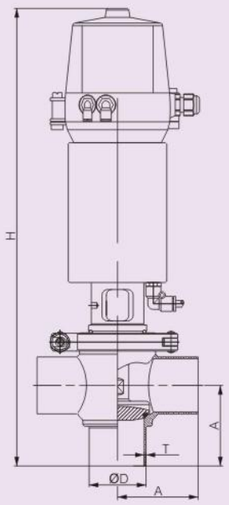
DIN / NX6LB64ELT

Size/DN	D 1 Series	D 2 Series	T	A	B	H
25	28	29	1.5	50	58.5	408
32	34	35	1.5	50	58.5	408
40	40	41	1.5	58	67.0	430
50	52	53	1.5	72	76.5	472
65		70	2.0	89	96.0	566
80		85	2.0	103	118.5	610
100		104	2.0	120	137.5	672

ISO / GX6LB64ELT

Size(Inch)	D	T	A	B	H
1	25.4	1.5	50	58.5	408
1 1/4	31.8	1.5	50	58.5	408
1 1/2	38.1	1.5	58	67.0	430
2	50.8	1.5	72	76.5	472
2 1/2	63.5	2.0	82	89.0	490
3	76.2	2.0	92	102.0	576
3 1/2	88.9	2.0	103	118.5	610
4	101.6	2.0	120	137.5	672

智能控制单座阀
Single seat intelligent control valve



DIN / NJ6LB64ET

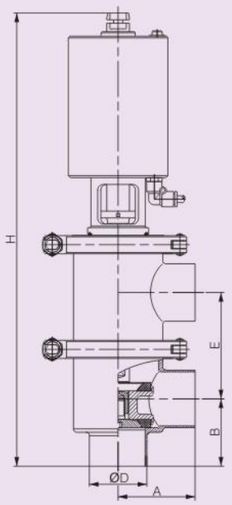
Size/DN	D 1 Series	D 2 Series	T	A	H	
25	28	29	1.5	50	335	
32	34	35	1.5	50	335	
40	40	41	1.5	58	368	
50	52	53	1.5	72	395	
65		70	2.0	89	468	
80		85	2.0	103	493	
100		104	2.0	120	539	

ISO / GJ6LB64ET

Size(Inch)	D	T	A	H	
1	25.4	1.5	50	335	
1 1/4	31.8	1.5	50	335	
1 1/2	38.1	1.5	58	368	
2	50.8	1.5	72	395	
2 1/2	63.5	2.0	82	405	
3	76.2	2.0	92	475	
3 1/2	88.9	2.0	103	493	
4	101.6	2.0	120	539	

Reversing valve
换向阀

焊接式气动换向阀
Weld pneumatic reversing valve



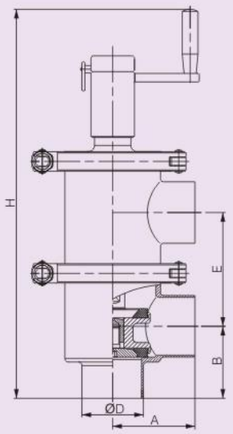
DIN / NX6F$_B$64EF

Size/DN	D		A	B	E	H
	1 Series	2 Series				
25	28	29	60	47	73	328
32	34	35	60	47	73	369
40	40	41	66	50	79	400
50	52	53	68	59	94	443
65		70	95	84	120	520
80		85	102	96	142	558
100		104	116	108	163	621

ISO / GX6F$_B$64EF

Size(Inch)	D	A	B	E	H
1	25.4	60	47	73	328
1 1/4	31.8	60	47	73	339
1 1/2	38.1	66	50	79	369
2	50.8	68	59	94	400
2 1/2	63.5	82	71	113	443
3	76.2	96	87	129	532
3 1/2	88.9	102	96	142	558
4	101.6	116	108	163	621

焊接式手动换向阀
Weld manual reversing valve



DIN / NXF64EF

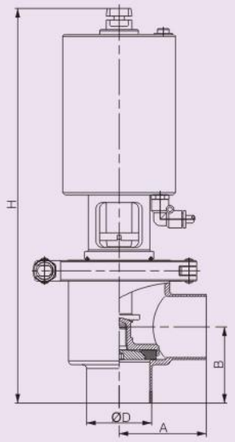
Size/DN	D		A	B	E	H
	1 Series	2 Series				
25	28	29	60	47	73	278
32	34	35	60	47	73	278
40	40	41	66	50	79	321
50	52	53	68	59	94	331
65		70	95	84	120	403
80		85	102	96	142	440
100		104	116	108	163	521

ISO / GXF64EF

Size(Inch)	D	A	B	E	H
1	25.4	60	47	73	278
1 1/4	31.8	60	47	73	278
1 1/2	38.1	66	50	79	321
2	50.8	68	59	94	331
2 1/2	63.5	82	71	113	361
3	76.2	96	87	129	415
3 1/2	88.9	102	96	142	440
4	101.6	116	108	163	521

Globe valve
截止阀

焊接式气动截止阀
Weld pneumatic globe valve



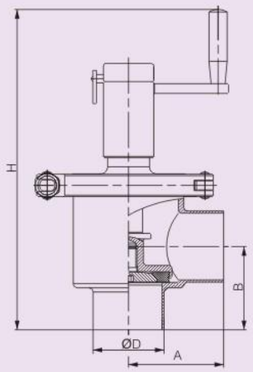
DIN / NJ6F$_B$64EL

Size/DN	D		A	B	H	
	1 Series	2 Series				
25	28	29	60	47	261	
32	34	35	60	47	261	
40	40	41	66	50	293	
50	52	53	68	59	308	
65		70	95	84	404	
80		85	102	96	424	
100		104	116	108	461	

ISO / GJ6F$_B$64EL

Size(Inch)	D	A	B	H	
1	25.4	60	47	261	
1 1/4	31.8	60	47	261	
1 1/2	38.1	66	50	293	
2	50.8	68	59	308	
2 1/2	63.5	82	71	330	
3	76.2	96	87	410	
3 1/2	88.9	102	96	424	
4	101.6	116	108	461	

焊接式手动截止阀
Weld manual globe valve



DIN / NJF64EL

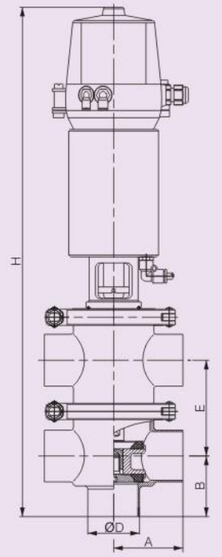
Size/DN	D		A	B	H	
	1 Series	2 Series				
25	28	29	60	47	211	
32	34	35	60	47	211	
40	40	41	66	50	228	
50	52	53	68	59	248	
65		70	95	84	300	
80		85	102	96	312	
100		104	116	108	361	

ISO / GJF64EL

Size(Inch)	D	A	B	H	
1	25.4	60	47	211	
1 1/4	31.8	60	47	211	
1 1/2	38.1	66	50	228	
2	50.8	68	59	248	
2 1/2	63.5	82	71	292	
3	76.2	96	87	306	
3 1/2	88.9	102	96	312	
4	101.6	116	108	361	

Control valve
控制阀

智能控制双座阀
Double seat intelligent control valve



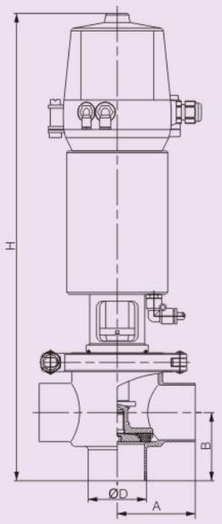
DIN / NX6FB64ETT

Size/DN	D		A	B	E	H
	1 Series	2 Series				
25	28	29	60	47	73	415
32	34	35	60	47	73	415
40	40	41	66	50	79	455
50	52	53	68	59	94	485
65		70	95	84	120	605
80		85	102	96	142	642
100		104	116	108	163	705

ISO / GX6FB64ETT

Size(Inch)	D	A	B	E	H
1	25.4	60	47	73	415
1 1/4	31.8	60	47	73	415
1 1/2	38.1	66	50	79	455
2	50.8	68	59	94	485
2 1/2	63.5	82	71	113	527
3	76.2	96	87	129	616
3 1/2	88.9	102	96	142	642
4	101.6	116	108	163	705

智能控制单座阀
Single seat intelligent control valve



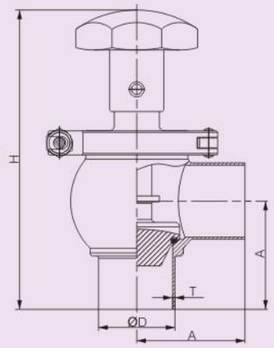
DIN / NJ6FB64ET

Size/DN	D		A	B	H	
	1 Series	2 Series				
25	28	29	60	47	342	
32	34	35	60	47	342	
40	40	41	66	50	377	
50	52	53	68	59	392	
65		70	95	84	488	
80		85	102	96	508	
100		104	116	108	545	

ISO / GJ6FB64ET

Size(Inch)	D	A	B	H	
1	25.4	60	47	342	
1 1/4	31.8	60	47	342	
1 1/2	38.1	66	50	377	
2	50.8	68	59	392	
2 1/2	63.5	82	71	415	
3	76.2	96	87	494	
3 1/2	88.9	102	96	508	
4	101.6	116	108	545	

Flow control valve
流量调节阀

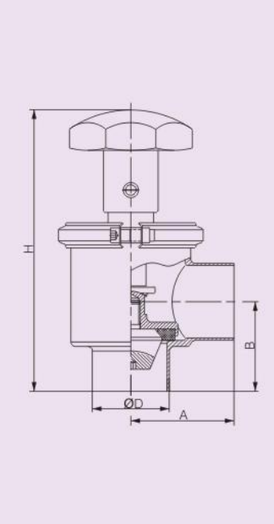


DIN / NTL64EL

Size/DN	D		A	T	H	
	1 Series	2 Series				
25	28	29	50	1.5	160	
32	34	35	50	1.5	160	
40	40	41	58	1.5	170	
50	52	53	72	1.5	195	
65		70	89	2.0	290	
80		85	103	2.0	316	
100		104	120	2.0	375	

ISO / GTL64EL

Size(Inch)	D	A	T	H	
1	25.4	50	1.5	160	
1 1/4	31.8	50	1.5	160	
1 1/2	38.1	58	1.5	170	
2	50.8	72	1.5	195	
2 1/2	63.5	82	2.0	208	
3	76.2	92	2.0	296	
3 1/2	88.9	103	2.0	316	
4	101.6	120	2.0	375	



DIN / NTF64EL

Size/DN	D		A	B	H	
	1 Series	2 Series				
25	28	29	60	47	165	
32	34	35	60	47	165	
40	40	41	66	50	170	
50	52	53	68	59	185	
65		70	95	84	300	
80		85	102	96	312	
100		104	116	108	361	

ISO / GTF64EL

Size(Inch)	D	A	B	H	
1	25.4	60	47	165	
1 1/4	31.8	60	47	165	
1 1/2	38.1	66	50	170	
2	50.8	68	59	185	
2 1/2	63.5	82	71	207	
3	76.2	96	87	306	
3 1/2	88.9	102	96	312	
4	101.6	116	108	361	

Mix-proof valve

防混阀

FH100 系列防混阀功能特征

- 在流道交叉处对不可混合的介质进行防混分隔，在阀门关闭位置，两个管路之间为双密封，液体从一个管道泄露到一个管道的现象完全可以排除，当密封部分受损失，泄露物可通过阀门的排泄腔排出到外面，用一个单独的 CIP 连接，向隔离腔提供洗液，隔离墙的清洗与阀的位置无关。

Functional features of Model FH100 mixproof valve

- The intersection of passageway is mixproof and separated for medium that can not be mixed, at the close position of valve, two pipes is double sealed, the occurrence that fluid is disclosed from one pipe to the other is impossible, when the sealing component is damaged, the leaks will be discharged outside via the discharge cavity of valve, the washing agent is provided for the cleaning of separation cavity by an unique CIP connection that is nothing to do with the position of the valve.

FH200 系列双密封防混阀功能特征

- 采用单座盘双道密封圈技术，用于管路系统中的防混隔离，该阀是双座的一种比较经济的选择，阀盘上密封圈之间的腔体与两个排放阀相连，通过这两个排放阀，可以检测密封圈是否泄露，并清洗腔体。

Functional features of Model FH200 double-sealed mixproof valve

- applies single-seated double-way sealing ring technology to be used for the mixproof separation in pipeline system, the valve is an economic choice of double seat, the cavity between two sealing ring on the valve disc is linked to two discharge valves, which can inspect whether the sealing ring is leaked and cleanse the cavity.

防混技术与传统技术相比具有以下优势

- 减少了多个部件，所占空间小，易维护，无死角，排放系统不接触产品，隔离腔清洗不会产生液压，清洗不受设备状态以及阀门开 / 关状态影响流动性优化的阀腔，确保了产品处理过程的连续性和清洗更高效组合阀体的结构形式多样，应用更广泛阀杆金属止动，提高密封寿命迅速、便捷的装配及维修操作主要元器件来自国际知名企业，内配泄压阀，密封式电子器件。适合 10-100mm 行程范围内的执行器。模块化设计，可达到最优性价比。可远程集中控制，实现对阀门工作状态的实时监控及信号反馈。外接 CIP 清洗，在阀门打开或者关闭后对阀腔进行 CIP 及蒸汽灭菌与产品接触的密封材质符合 FDA177.2600 ，密封材质有 EPDM 、 SI 、 NBR 、 VITON 标准的阀体设计，使联结组合有高度的灵活性和多样性，同时便于各口径的阀体与执行器之间的组合，以满足不同客户对阀门工作压力的需要。

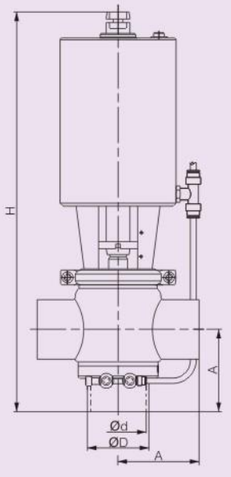
Compared to traditional technologies, mixproof technology has the following advantages

- Reduces many parts, small occupancy, easy to maintain, no dead corner, its discharge system does not contact the products, the cleaning of its separation cavity will not produce hydraulic pressure, which is not impacted by device status and On/Off status of valves, Flowability optimized valve cavity ensures the continuity of product process and cleaning, the variety of high-efficiency valve combination makes its apply for wider metal stop application of valve stem, prolongs its sealing life and ensures its prompt, convenient assembling /maintaining, Its main elements introduce from international famous enterprises, equipped with relief valve and sealed electronic devices. Suitable for actuators with 10-100mm stroke limits. Its modularized structure can optimize its performance-price ratio. Its remote and centralized control can realize real-time monitoring and signal feedback of working status of valves. With its externally-connected CIP cleaning, it fulfils its CIP and steam sterilization of the cavity after opening or closing of valves, the sealing materials that contact the products accord with FDA177.2600, besides of EPDM, SI, NBR, VITON, its valve body design enables its combination to be more flexible and varied, so as to facilitate the combination between valves in various diameters and actuator and to meet the needs of different customers for working pressure of valves.



防混阀

焊接式防混阀
Weld mix-proof valve



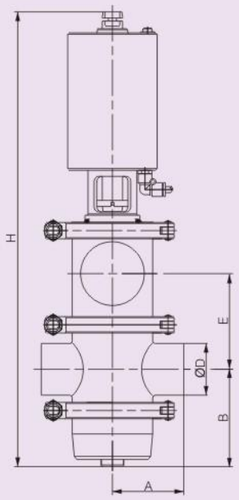
DIN / NF6F$_B$64ET

Size/DN	D	d	A	H	
50	52	49	68	340	
65	70	66	96	426	
80	85	81	102	483	
100	104	100	115	502	

ISO / GF6F$_B$64ET

Size(Inch)	D	d	A	H	
2	50.8	47.8	68	340	
2 1/2	63.5	59.5	96	365	
3	76.2	72.2	102	443	
4	101.6	97.6	115	502	

焊接式双座防混阀
Two seater weld mix-proof valve



DIN / NF6F$_B$64ETT

Size/DN	D	A	B	E	H
50	52	68	102	94	462
65	70	96	130	129	590
80	80	102	145	142	637
100	104	115	156	163	688

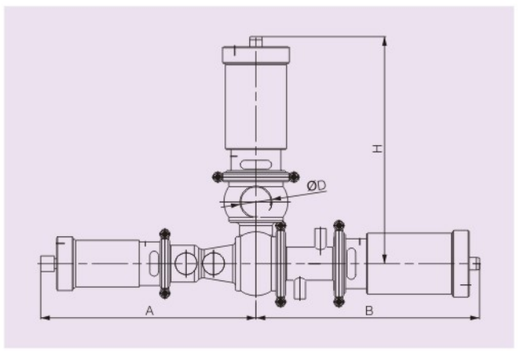
ISO / GF6F$_B$64ETT

Size(Inch)	D	A	B	E	H
2	50.8	68	102	94	462
2 1/2	63.5	96	130	129	590
3	76.2	102	145	142	637
4	101.6	115	156	163	688

Aseptic filling valve

无菌灌装阀





DIN / NZ6LB64ES

Size/DN	D	A	B	H
50	52	345	358	364
65	70	372	370	376

ISO / GZ6LB64ES

Size(Inch)	D	A	B	H
2	50.8	345	358	364
2 1/2	63.5	361	365	371

Safety Valve

安全阀

应用

- ZBA 系列安全阀是卫生级不锈钢阀门，它的安全设计使得它能保护设备，所以它安装在排放压力的回路，对管路、泵、装置、储罐等起到安全保护作用。广泛应用于乳制品、食品、酒类、制药等行业。

工作原理

- ZBA 系列安全阀是通过调整弹簧的调节盖和压紧螺母来校准一个特定压力，校准压力是为了避免设备损坏而定的最大安全压力值。在正常的工作压力下，阀门是关闭的；当系统压力超过校准压力时，阀门打开，管道系统中的压力得到释放，从而达到对管路及设备的保护。 ZBA6LB 是 ZBA 系列的改进型，他增加了气动开启装置，便于对安全阀及管路进行 CIP 清洗。
- ZBA 系列阀门是一种特殊的阀门，在出厂时都经过了严格的校验，但是为了使阀门能更切合实际运行工况，故有条件时，尽可能现场对阀门进行再检验。

特征及优点

- 具有结构简单紧凑、调压快捷、维护方便，压力控制可调节安装时注意安装方向，禁止反响安装

Applications

- Model ZBA safety valve is a sanitary stainless steel valve, its safety structure can safeguard the device, so it is installed the loop that discharges the pressure to offer security and protection for pipeline, pump, device, storage tank and so on. It is widely applied in industries like dairy products, foodstuff, winery and pharmacy.

Working Principles

- Model ZBA safety valve calibrates a specific pressure by adjusting the adjusting cap and compression nut of spring, it is a maximum safety pressure value to be set for the avoidance of the damage of the device. Under normal work pressure, the valve is closed; when the system pressure exceeds the calibration pressure, the valve is opened, the pressure in the pipeline system is relieved, so that the pipeline and device is well protected. Model ZBA6LB is the modified type based on Model ZBA, equipped with a pneumatic driving unit, gives a CIP cleaning to safety valve and pipelines.
- Model ZBA valve is a special valve, has been strictly inspected before delivery, but in order to better suit the actual operation conditions, if available, please make on-spot re-examination on valves as far as possible.

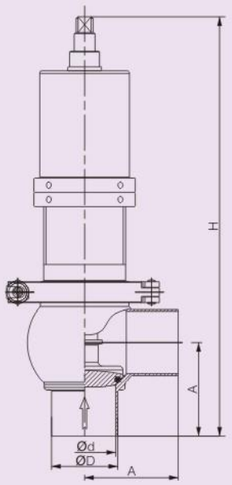
Pneumatic head function

- It has compact and simple construction, quick pressure adjustment, easy maintenance, its pressure control can be adjustable, please stress on its direction of installation, the reverse installation is prohibited.lation is prohibited.

技术参数 Technicaldata

金属材质 Material	与介质接触的部件 Contact with the media components	304/316L
	不与介质接触的部件 Noncontact with the media components	304
密封材质 Seal material	标配 standard	EPDM
	选配 option	NBR, Si, FKM
	采用进口密封材料，所有密封材质均符合 FDA 21 CFR 177.2600 All seal materis comply with FDA 21 CFR 177.2600	
温度 Temperature	介质温度 Medium temperature	-20~+120 ℃
	灭菌温度 Sterilization temperature	+150° C(Max 20min)
压力 Pressure	校定压力范围 Set pressure range	0~3bar/0~6bar/0~10bar
	控制气源压力 Control air pressure	5~8bar
表面处理 Surface treatment	内表面处理 Internal surface	Ra ≤ 0.6Um
	外表面处理 External surface	抛哑光，喷砂处理 Cast matte, sandblasting
连接 connection	连接方式：焊接、螺纹、卡箍 Connection method:welding, thread, Clamp	
	接口标准：DIN 、 ISO 、 SMS 、 3A Interface standard: DIN, ISO, SMS, 3A	

安全阀
Safety valve



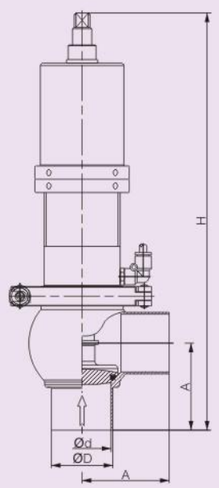
DIN / NAL64EL

Size/DN	D	d	A	H	
25	28	25	50	283	
32	34	31	50	283	
40	40	37	58	323	
50	52	49	72	345	
65	70	66	92	466	

ISO / GAL64EL

Size(Inch)	D	d	A	H	
1	25.4	22.4	50	283	
1 1/4	31.8	28.8	50	283	
1 1/2	38.1	35.1	58	323	
2	50.8	47.8	72	345	
2 1/2	63.5	59.5	82	361	
3	76.2	72.2	92	466	

带气开安全阀
Air safety valve



DIN / NA6LB64EL

Size/DN	D	d	A	H	
25	28	25	50	303	
32	34	31	50	303	
40	40	37	58	343	
50	52	49	72	365	
65	70	66	92	491	

ISO / GA6LB64EL

Size(Inch)	D	d	A	H	
1	25.4	22.4	50	303	
1 1/4	31.8	28.8	50	303	
1 1/2	38.1	35.1	58	343	
2	50.8	47.8	72	365	
2 1/2	63.5	59.5	82	381	
3	76.2	72.2	92	491	

Tank bottom valve

罐底阀

应用

- ZBHD 系列卫生级罐底阀是一款单座气动控制阀门，安装在储罐或容器底部排放介质。拥有卫生和灵活的设计，基于成熟的单座阀设计平台，少而简单的活动部件使该阀非常可靠。广泛应用于乳制品、食品、酿酒、制药等工业中。

工作原理

- 通过压缩空气推动气动执行器内的活塞上移，活塞杆和阀杆螺纹连接，在压缩空气推动气缸活塞上移时推动阀杆阀座的上移，阀座向容器内延伸，开启阀门排泄物料。压缩空气低于弹簧作用力时，活塞在弹簧的作用下向下运动同时带动阀杆下移，关闭阀门。

特征及优点

- 罐底阀又称放料阀，经过改进此罐底阀结构简单，成本更低，排放更彻底、流畅；阀座开启向罐底内部提升，有效的预防了因罐内压力过大阀门的意外开启；开 / 关信号反馈的接近开关探头选择 6-36V DC 2 个 NPN 或 PNP 接近开关；可搭配智能控制器 AS-i 连接， 24-48V AC/DC 2 个 NPN 或 PNP, 最大行程≤ 80mm; 阀体气动装置卡箍连接，可 360 °旋转任意角度；进口法兰式连接，可直接焊接储罐。

Applications

- Model ZBHD sanitary tank-bottom valve is one single-seat pneumatic-driven one to be installed at the bottom of storage tank or container to discharge the medium. Its sanitary and flexible structure, based on mature single-seat valve design platform, less and simple movable parts, enable it to be very firm. It is widely applied in industries like dairy products, foodstuff, liquor making and pharmacy.

Working Principles

- The compression air pushes the piston in pneumatic actuator upward, the piston rod and valve stem is threaded, As the pushing up of cylinder piston, the valve stem and seat is also lifted, the valve seat is extended into the container to open the valve and discharge the materials. When the compression air is lower than action force of spring, the piston makes its downward motion and drives the valve stem downward and closes the valve under the action of spring.

Pneumatic head function

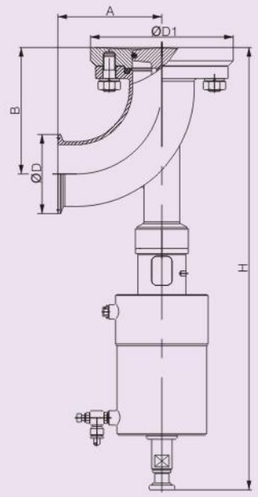
- Tank-bottom valve, also called as emptying valve, after modified, has simple structure, lower cost but empties more completely and smoothly; the opening of valve seat is internally enhanced and effectively prevents from the accidental opening of valve arising from excessive pressure in the tank; the proximity switch sensor of On/Off signal feedback selects two 6-36V DC NPN or PNP; may match with smart controller AS-I connector, two 24-48V AC/DC NPN or PNP, with maximum stroke less than 80mm; its pneumatic unit of body is clasped and can be freely rotated at all directions; connected with imported flange, it can be directly welded to storage tank.

技术参数 Technicaldata

金属材质 Material	与介质接触的部件 Contact with the media components	304/316L
	不与介质接触的部件 Noncontact with the media components	304
密封材质 Seal material	标配 standard	EPDM
	选配 option	NBR, Si, FKM
	采用进口密封材料，所有密封材质均符合 FDA 21 CFR 177.2600 All seal materis comply with FDA 21 CFR 177.2600	
温度 Temperature	介质温度 Medium temperature	-20~+120 ℃
	灭菌温度 Sterilization temperature	+150 ℃ (Max 20min)
	环境温度 Environment temperature	-20~+80 ℃
压力 Pressure	最大工作压力 Max working pressure	0~10bar
	控制气源压力 Control air pressure	5~8bar
表面处理 Surface treatment	内表面处理 Internal surface	Ra ≤ 0.6Um
	外表面处理 External surface	抛哑光，喷砂处理 Cast matte, sandblasting
连接 connection	连接方式：焊接、螺纹、卡箍 Connection method:welding 、 thread 、 Clamp	
	接口标准： DIN 、 ISO 、 SMS 、 3A Interface standard: DIN, ISO, SMS, 3A	



气动罐底阀 90°
Pneumatic tank bottom valve 90°



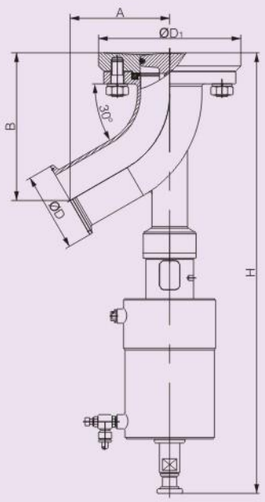
DIN / NH6LB84EL

Size/DN	D	D1	A	B	H
50	64	127	83	105	412
65	91	148	93	117	428
80	106	164	103	127	501

ISO / GH6LB84EL

Size(Inch)	D	D1	A	B	H
2	64	127	74	96	403
2 1/2	77.5	140	97	119	428
3	91	155	102	126	437
3 1/2	106	168	117	141	515

气动罐底阀 60°
Pneumatic tank bottom valve 60°



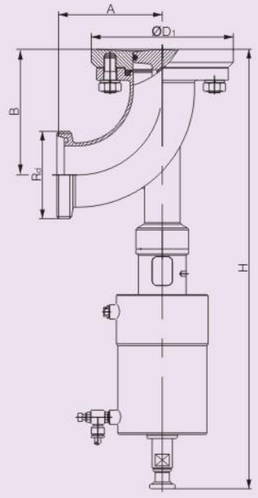
DIN / NH6LB84EV

Size/DN	D	D1	A	B	H
50	64	127	97.1	132	412
65	91	148	106.2	145	428
80	106	164	122.2	160	501

ISO / GH6LB84EV

Size(Inch)	D	D1	A	B	H
2	64	127	89.3	122	403
2 1/2	77.5	140	106.2	145	428
3	91	155	111.6	153	437
3 1/2	106	168	129.5	172	515

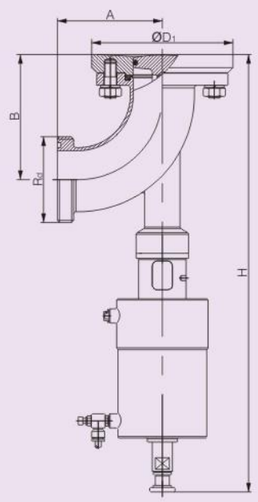
气动罐底阀 90°
Pneumatic tank bottom valve 90°



DIN / NH6LB24EL

Size/DN	D1	Rd	A	B	H
50	127	Rd78x1/6"	90	105	412
65	148	Rd95x1/6"	102	117	428
80	164	Rd110x1/4"	115	127	501

气动罐底阀 90°
Pneumatic tank bottom valve 90°



ISO / SMS GH6LB24EL

Size(Inch)	D1	Rd	A	B	H
2	127	Rd70x1/6"	79	96	403
2 1/2	140	Rd85x1/6"	104	119	428
3	155	Rd98x1/6"	109	126	437
3 1/2	168	Rd110x1/6"	126	141	515

Angle seat valve

角座阀



应用

ZBS 系列角座阀是一款气动控制阀门。广泛应用于食品和化学过程，灭菌剂、高压消毒器、干洗机、啤酒机等。特别适合于蒸汽管路系统生产线等。

工作原理

ZBS 系列角座阀与截止阀，单阀体采用 Y 型的阀体结构形式配以气动执行器，这样扩大了阀腔流通截面，使阀腔内流体更加平稳，并提高 30% 的流量。同时，介质流入方向的改变，可以配备有更小的执行器。

Applications

Model ZBS angle seat valve is pneumatically controlled, and widely applied in foodstuff, chemical processing, sterilizers, high-pressure disinfectors, dry washer, beertender and others, especially steam pipeline system streamline.

Working Principles

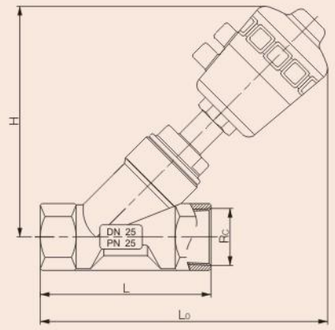
Model ZBS angle seat valve or stop valve, its single valve body employs Y-shaped structure form and pneumatic actuator, in such as way, the flow area of the valve cavity is enlarged, so the fluid in the cavity is smoother and increases a flowage rate of 30%. Meanwhile, the change of flow direction can be provided with smaller actuator.

技术参数 Technicaldata

金属材质 Material	与介质接触的部件 Contact with the media components	316L
	不与介质接触的部件 Noncontact with the media components	304
密封材质 Seal material	标配 standard	PTFE
	选配 option	PPL, FKM
温度 Temperature	介质温度 Medium temperature	-40~+180 ℃
	使用温度 End-use temperature	+230 ℃
	环境温度 Environment temperature	-10~+60 ℃
压力 Pressure	工作压力 Working pressure	0~16bar
	控制气源压力 Control air pressure	5~8bar
连接 connection	连接方式：焊接、螺纹、卡箍、法兰 Connection method:welding, thread, Clamp, Flange	
	接口标准：DIN 、ISO 、SMS 、3A Interface standard: DIN, ISO, SMS, 3A	

角座阀

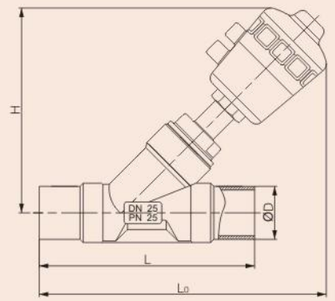
内螺纹角座阀
Internal thread angle seat valve



GS6MB11FY

Size/DN	Rc	L	L0	H	
15	1/2"	85	170	140	
20	3/4"	95	180	145	
25	1"	105	220	196	
32	1¼"	120	248	209	
40	1½"	130	296	255	
50	2"	150	316	272	

焊接式角座阀
Welding type angle seat valve



DIN / NS6MB61FY

Size/DN	D	L	L0	H	
15	18	115	185	140	
20	22	125	190	140	
25	28	135	200	145	
32	34	152	243	196	
40	40	168	272	209	
50	52	185	334	272	

ISO / GS6MB61FY

Size(Inch)	D	L	L0	H	
3/4	19.05	142	198	140	
1	25.4	152	208	145	
1 1/4	31.8	163	249	196	
1 1/2	38.1	182	279	209	
2	50.8	210	346	272	

Diaphragm valve

隔膜阀

应用

○ 卫生隔膜阀，是一种用途广泛的隔膜产品，适用于乳制品，食品，制药，生物油，化工，化妆品，电子等流体相关行业的流体控制系统，其优点在于使用时无死角，无泄漏，易清洗，维护成本低，易操作等多项优点，可实现自控与手控，为降低企业运行成本提供良好的产品。



工作原理

○ 阀体和膜片的紧密配合提供阀体密封和阀座密封，确保了管道内部和外部环境完全隔绝，所以该阀门适用于无菌过程。隔膜阀的开启和关闭时由阀杆的上下运动来实现。当阀杆处于上位时，球形膜片向上弯曲阀门行成导通状态。当阀杆由上往下运动时，带动阀芯迫使球形膜片紧贴阀座区域，关闭了管道流体通向路径。气动隔膜阀是利用压缩空气推动气动执行器内的活塞上下移动，活塞和阀瓣连接，带动膜片的上下弯曲，开启和关闭通道的作用。

Applications

○ Sanitary diaphragm valve is a diaphragm product with a wide scope of applications, suitable for fluid control system related to the industries such as dairy product, foodstuff, pharmacy, bio-oil, chemicals, cosmetics and electronics, it has the merits of no dead corner, no leakage as using, easy cleaning, low maintenance cost, easy operation and so forth, it can realize manual or automatic control, and reduce the operating cost of an enterprise.

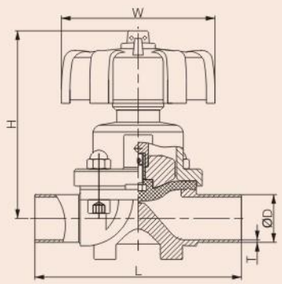
Working Principles

○ The tight fitting between valve body and diaphragm gives a sealing to valve body and valve seat, ensures an absolute isolation between the inside and outside of pipeline, and thus the valve is suitable for aseptic processing. The opening and closing of the valve is driven by the vertical motion of the valve stem. When the stem is in the upper position, the spherical diaphragm bends upward, the valve turns on. When the stem moves downward, it drives the cartridge to force the diaphragm to close to the valve seat area, and closes the fluid passage of pipeline. The pneumatic diaphragm valve applies compression air to push the piston in the pneumatic actuator to move vertically, and then the piston is connected with valve disc, drives the vertical curving of the diaphragm, so as to fulfill the function of opening or closing the passageway.

技术参数 Technicaldata

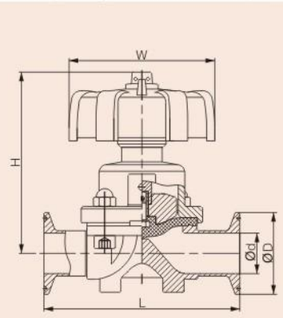
金属材质 Material	与介质接触的部件 Contact with the media components	316L
	不与介质接触的部件 Noncontact with the media components	304
密封材质 Seal material	标配 standard	PTFE, EPDM 复合膜片 (FDA 177.1550) PTFE, EPDM composite membrane (FDA 177.1550)
	选配 option	EPDM, FKM
温度 Temperature	介质温度 Medium temperature	-20~+120 ℃
	灭菌温度 Sterilization temperature	+150 ℃ (Max20min)
	环境温度 Environment temperature	-10~+60 ℃
压力 Pressure	工作压力 Working pressure	0~10bar
	控制气源压力 Control air pressure	5~8bar
表面处理 Surface treatment	内表面处理 Internal surface	Ra ≤ 0.6Um
	外表面处理 External surface	铸造表面 Casting surface
连接 connection	连接方式：焊接、卡箍 Connection method:welding, Clamp	
	接口标准：DIN 、ISO 、SMS 、3A Interface standard: DIN, ISO, SMS, 3A	

手动隔膜阀 / 焊接式
Manual diaphragm valve / weld



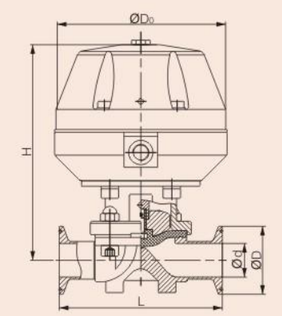
Size					GG61EG ISO		NG61EG DIN 11850		SG61EG SMS		EG61EG ASME BPE	
mm	Inch	L	H	W	DxT		DxT		DxT		DxT	
10		108	108	65	-		12x1.5		-		-	
15	1/2	108	112	87	-		18x1.5		-		12.7x1.65	
20	3/4	117	112	87	19.05x1.5		22x1.5		-		19.05x1.65	
25	1	127	118	87	25.4x1.5		28x1.5		25x1.2		25.4x1.65	
32	1 1/4	146	140	113	31.8x1.5		34x1.5		32x1.2		-	
40	1 1/2	159	147	113	38.1x1.5		40x1.5		38x1.2		38.1x1.65	
50	2	190	184	138	50.8x1.5		52x1.5		511x1.2		50.8x1.65	

手动隔膜阀 / 卡箍式
Manual diaphragm valve / clamp



Size					GG81EG ISO				NG81EG DIN 11850				SG81EG SMS				EG81EG ASME BPE	
mm	Inch	L	H	W	D		d		D		d		D		d		D	d
10		108	108	65	-		-		34.0		10		-		-		-	-
15	1/2	108	112	87	-		-		34.0		15		-		-		25.0	9.4
20	3/4	117	112	87	-		-		34.0		19		-		-		25.0	15.75
25	1	127	118	87	50.5		22.4		50.5		25		50.5		22.6		50.4	22.1
32	1 1/4	146	140	113	50.5		28.8		50.5		31		50.5		29.6		-	-
40	1 1/2	159	147	113	50.5		35.1		50.5		37		50.5		35.6		50.4	34.8
50	2	190	184	138	64.0		47.8		64.0		49		64.0		48.6		63.9	47.5

气动隔膜阀 / 卡箍式
Pneumatic diaphragm valve / clamp

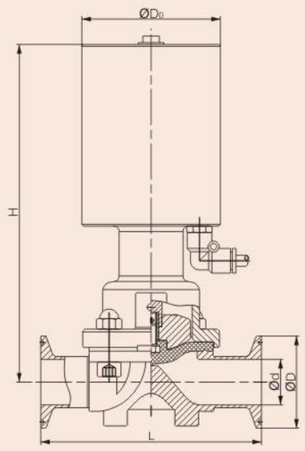


Size					GG6M8 81EG ISO				NG6M8 81EG DIN 11850				SG6M8 81EG SMS				EG6M8 81EG ASME BPE	
mm	Inch	L	H	D0	D		d		D		d		D		d		D	d
10		108	151	125	-		-		34.0		10		-		-		-	-
15	1/2	108	155	125	-		-		34.0		15		-		-		25.0	9.4
20	3/4	117	155	125	-		-		34.0		19		-		-		25.0	15.75
25	1	127	160	125	50.5		22.4		50.5		25		50.5		22.6		50.4	22.1
32	1 1/4	146	185	156	50.5		28.8		50.5		31		50.5		29.6		-	-
40	1 1/2	159	193	156	50.5		35.1		50.5		37		50.5		35.6		50.4	34.8
50	2	190	230	156	64.0		47.8		64.0		49		64.0		48.6		63.9	47.5

Diaphragm valve

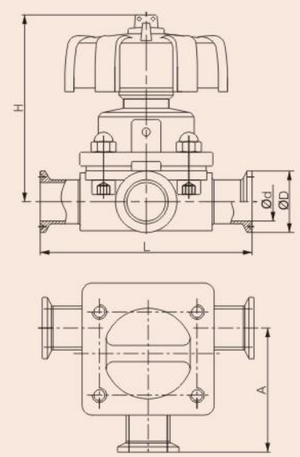
隔膜阀

气动隔膜阀 / 卡箍式
Pneumatic diaphragm valve / clamp



					GG6FB81EG		NG6FB81EG		SG6FB81EG		EG6FB81EG	
Size					ISO		DIN 11850		SMS		ASME BPE	
mm	Inch	L	H	O	D	d	D	d	D	d	D	d
10		108	176	60	–	–	34.0	10	–	–	–	–
15	1/2	108	180	76	–	–	34.0	15	–	–	25.0	9.4
20	3/4	117	180	76	–	–	34.0	19	–	–	25.0	15.75
25	1	127	185	76	50.5	22.4	50.5	25	50.5	22.6	50.4	22.1
32	1 1/4	146	210	85	50.5	28.8	50.5	31	50.5	29.6	–	–
40	1 1/2	159	210	85	50.5	35.1	50.5	37	50.5	35.6	50.4	34.8
50	2	190	258	108	64.0	47.8	64.0	49	64.0	48.6	63.9	47.5

三通隔膜阀 / 卡箍式
Three way diaphragm valve / clamp

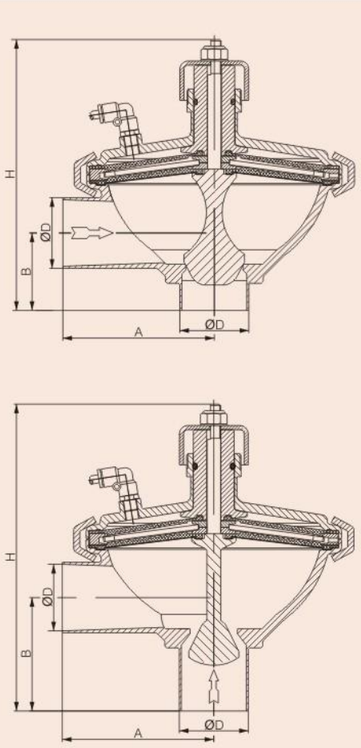


					GG84EG		NG84EG		SG84EG		EG84EG	
Size					ISO		DIN 11850		SMS		ASME BPE	
mm	Inch	L	A	H	D	d	D	d	D	d	D	d
10		108	81.5	108	–	–	34.0	10	–	–	–	–
15	1/2	108	81.5	112	–	–	34.0	15	–	–	25.0	9.4
20	3/4	117	83.5	112	–	–	34.0	19	–	–	25.0	15.75
25	1	127	86.4	118	50.5	22.4	50.5	25	50.5	22.6	50.4	22.1
32	1 1/4	146	92.5	140	50.5	28.8	50.5	31	50.5	29.6	–	–
40	1 1/2	159	97.6	147	50.5	35.1	50.5	37	50.5	35.6	50.4	34.8
50	2	190	112.3	184	64.0	47.8	64.0	49	64.0	48.6	63.9	47.5

Constant pressure valve

恒压阀





应用

- ZB-P664F1 恒压阀是一种卫生级恒压阀，本阀门系列用于保持恒定的入口或出口压力；阀体连接灵活多样；具有理想的流动性和可清洗性；操作简单，易维护，保养；可直接调节。这些应用包括巴氏消毒、分离、灌装、装瓶、过滤、热交换等场合。

工作原理

- 卫生级恒压阀是为需要保持恒定的压力或入口压力的应用而设计的一套隔膜片和阀杆系统，可对所输送产品的任何压力做出迅速反应，并相应地改变阀杆位置，以便继续维持预先设定的压力值。压缩空气压力是通过压力调节阀及压力表来实现的。可实用于不锈钢管道系统，在工艺管道内，（入口恒压）在阀门的入口端维持一个恒压以及作为溢流阀门使用。因入口与阀主体底部成九十度角，所以并无残液积存。

材质

- 阀体材质： 304/316L（与介质接触部分），其他配件 304
  密封圈材料：三元乙丙（ EPDM ）
  + 聚四氟乙烯（ PTFE ）

技术参数：

- 口径： DN40-DN50 1½"-2"
- 工作压力： 0-10bar
- 工作温度： -20 ℃ ~135 ℃
- 表面处理：内表面抛光处理 Ra ≤ 0.8Um
  外表面喷砂处理

Applications

- Model ZB-P664F1 constant pressure valve is a sanitary one used for holding constant outlet or inlet pressure, it has various connection modes of valve body; it has ideal flow and cleaning; easy for operation and maintenance; can be directly adjusted. Its applications involve the occasions such as pasteurization, isolation, filling, bottling, filtration and heat exchange.

Working Principles

- It is a diaphragm and valve stem system designed for the applications required for holding a constant pressure or inlet pressure, quickly responses to any pressure of delivered products and changes the position of the stem accordingly, for the convenience of holding a preset pressure value. The pressure of compression air is regulated by pressure regulation valve and pressure gauge. It can be used in stainless steel pipeline, during the process piping, hold a constant pressure at the inlet of the valve or used as an overflow valve. It has no raffinate because its inlet forms a right angle to the bottom of valve body.

Materials

- Materials of valve body: 304/316L (medium wetted parts)
  other parts: 304
- Materials of sealing ring: EPDM + PTFE

Technicaldata

- Diameter: DN40–DN50 1½"–2"
- Working temperature: –20℃~135℃
- Surface treatment:
  internal surface polishing Ra≤0.8Um
  External surface sandblasting

DIN / NF664FB

Size/DN	D	A	B	H
DN40	40	110	45	175
DN50	52	110	51	175

ISO / GF664FB

Size(Inch)	D	A	B	H
1 1/2	38.1	110	45	175
2	50.8	110	51	175

Sanitary Check valve

卫生止回阀

应用

- 止回阀又称单向阀，逆止阀。其只要作用是防止管路中的介质回流，保证流体流向的唯一性。用于保护液体回吸的损失，防止管道液击。主要应用于食品、饮料、啤酒、纯净水、制药、化妆品、化学制品工业中。



工作原理

- 止回阀不需要外部控制，是一种流体自控阀门，当流体的压力大于弹簧的抽吸压力时，阀门自动打开，两种作用力相当或流体压力小于弹簧压力时，阀门关闭。一个更高的逆向压力作用也可以使阀门关闭。

Applications

- Check valve, also called as one-way valve or no-return valve, has its main functions of preventing from back-flowing of medium in the pipeline, ensures the uniqueness of flow direction. It is used for reducing the liquid return loss or avoiding liquid slugging. It is mainly applied for industries of foodstuff, beverage, beers, purified water, pharmacy, cosmetics, chemical products and so on.

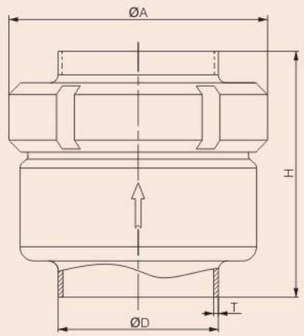
Working Principles

- It is a fluid self-automating valve without external control, when the pressure of liquid is larger than the suction pressure of spring, the valve is automatically opened, when two action forces is equal or the former is less than the latter, the valve is closed. A higher reverse pressure action can also close the valve.

技术参数 Technicaldata

金属材质 Material	与介质接触的部件 Contact with the media components	304/316L
	不与介质接触的部件 Noncontact with the media components	304
密封材质 Seal material	标配 standard	EPDM
	选配 option	NBR, Si, FKM
	采用进口密封材料，所有密封材质均符合 FDA 21 CFR 177.2600 All seal materis comply with FDA 21 CFR 177.2600	
温度 Temperature	工作温度 Working temperature	-20~+120 ℃
	灭菌温度 Sterilization temperature	+150 ℃ (Max20min)
口径范围 Aperture size	DN25~DN100 1"~4"	
开启压力 Opening pressure	DN25 (1")	0.3bar
	DN32~DN40 (1 1/4"~1 1/2")	0.2bar
	DN50~DN100 (2"~4")	0.1bar
压力 Pressure	0~16bar	
表面处理 Surface treatment	内表面处理 Internal surface	Ra ≤ 0.8Um
	外表面处理 External surface	Ra ≤ 1.6Um
连接 connection	连接方式：焊接、螺纹、卡箍 Connection method:welding, thread, Clamp	
	接口标准：DIN 、ISO 、SMS 、3A Interface standard: DIN, ISO, SMS, 3A	

焊接式止回阀
Weld check valve



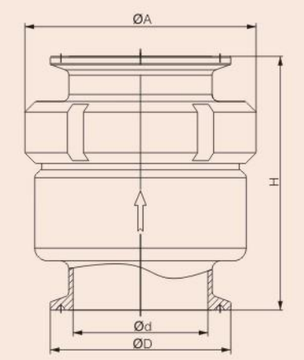
DIN / NH62EH

Size/DN	D 1 Series	D 2 Series	T	A	H
25	28	29	1.5	54	68
32	34	35	1.5	63	72
40	40	41	1.5	72	75
50	52	53	1.5	82	78
65		70	2.0	111	96
80		85	2.0	125	112
100		104	2.0	140	126

ISO / GH62EH

Size(Inch)	D	T	A	H
1	25.4	1.5	54	68
1 1/4	31.8	1.5	63	72
1 1/2	38.1	1.5	72	75
2	50.8	1.5	82	78
2 1/2	63.5	2.0	98	92
3	76.2	2.0	111	100
3 1/2	88.9	2.0	125	112
4	101.6	2.0	140	126

卡箍式止回阀
Clamp check valve



DIN / NH82EH

Size/DN	D	d	A	H
25	50.5	25	54	78
32	50.5	31	63	82
40	50.5	37	72	85
50	64.0	49	82	90
65	91.0	66	111	108
80	106.0	81	125	125
100	119.0	100	140	140

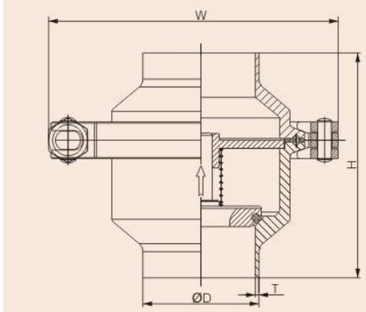
ISO / GH82EH

Size(Inch)	D	d	A	H
1	50.5	22.4	54	78
1 1/4	50.5	28.8	63	82
1 1/2	50.5	35.1	72	85
2	64.0	47.8	82	90
2 1/2	77.5	59.5	98	104
3	91.0	72.2	108	112
3 1/2	106.0	84.9	125	125
4	119.0	97.6	140	140

Sanitary check valve

卫生止回阀

焊接式止回阀
Weld check valve



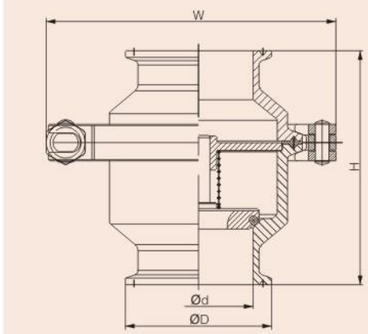
DIN / NH62EK

Size/DN	D 1 Series	D 2 Series	T	W	H
15	18	19	1.5	90	65
20	22	23	1.5	90	65
25	28	29	1.5	103	75
32	34	35	1.5	103	75
40	40	41	1.5	116	85
50	52	53	1.5	130	92
65		70	2.0	158	112
80		85	2.0	169	124
100		104	2.0	200	142

ISO / GH62EK

Size(Inch)	D	T	W	H
3/4	19.05	1.5	90	65
1	25.4	1.5	103	75
1 1/4	31.8	1.5	103	75
1 1/2	38.1	1.5	116	85
2	50.8	1.5	130	92
2 1/2	63.5	2.0	145	98
3	76.2	2.0	158	112
3 1/2	88.9	2.0	169	124
4	101.6	2.0	200	142

卡箍式止回阀
Clamp check valve



DIN / NH82EK

Size/DN	D	d	W	H
25	50.5	25	103	85
32	50.5	31	103	85
40	50.5	37	116	95
50	64.0	49	130	102
65	91.0	66	158	122
80	106.0	81	169	134
100	119.0	100	200	152

ISO / GH82EK

Size(Inch)	D	d	W	H
1	50.5	22.4	103	85
1 1/4	50.5	28.8	103	85
1 1/2	50.5	35.1	116	95
2	64.0	47.8	130	102
2 1/2	77.5	59.5	145	108
3	91.0	72.2	158	122
3 1/2	106.0	84.9	169	134
4	119.0	97.6	200	152

Sanitary ball valve

卫生球阀

应用

- 卫生球阀，适用于物料输送。主要应用于食品、饮料加工，以及制药和化工等领域。完全贯通的阀门型腔设计不会产生任何流体阻力。因此使得此种卫生阀门成为用来处理性或者含有颗粒的流体的最佳选择。

工作原理

- 一只带有贯通腔的精确制造的球体被放置在阀体内的两块法兰和两片 PTFE 阀座之间。一个阀杆经 90 °旋转可作用于该球体，因而能够开启或者关闭阀门。同时可增加阀座清洗接头，对球阀阀腔进行清洗，由排泄孔排出。
- 连接方式：手动、气动和电动
- 有三种结构：两片式、三片式、三通



Applications

- Sanitary ball valve, suitable for materials delivery, is mainly applied for foodstuff/beverage processing, pharmacy, chemicals, a completely-connected valve mold cavity will not produce any fluid resistance. Therefore, this valve is a best choice for particles or particle-containing fluids.

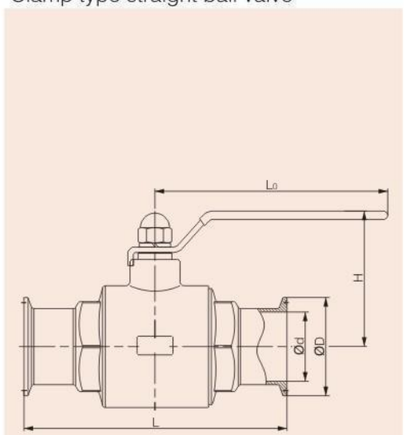
Working Principles

- One completely-through precisely-engineered sphere is placed between two flanges in the valve body and two PTFE valve seats. One stem can act on the sphere after 90 degree rotation, henceforth open or close the valve. Meanwhile, it can add a valve seat cleaning connection to clean the cavity and discharge via its discharge orifice.
- Mode of connection: manually, pneumatically and electrically
- Three structures: 2-pc, 3-pc, tee

技术参数 Technicaldata

金属材质 Material	与介质接触的部件 Contact with the media components	304/316L
	不与介质接触的部件 Noncontact with the media components	304
密封材质 Seal material	标配 standard	PTFE
	选配 option	PPL
温度 Temperature	介质温度 Medium temperature	-40~+150 ℃
	使用温度 End-use temperature	+210 ℃
	环境温度 Environment temperature	-20~+80 ℃
压力 Pressure	工作压力 Working pressure	0~16bar
	控制气源压力 Control air pressure	5~8bar
表面处理 Surface treatment	内表面处理 Internal surface	Ra ≤ 0.6Um
	外表面处理 External surface	哑光，镜面抛光 Matt, mirror polishing
连接 connection	连接方式：焊接、螺纹、卡箍 Connection method:welding 、 thread 、 Clamp	
	接口标准：DIN 、ISO 、SMS 、3A Interface standard: DIN, ISO, SMS, 3A	
驱动方式 Operation methods	手动、气动、电动 Manual Pneumatic Electric	

卡箍式直通球阀
Clamp type straight ball valve



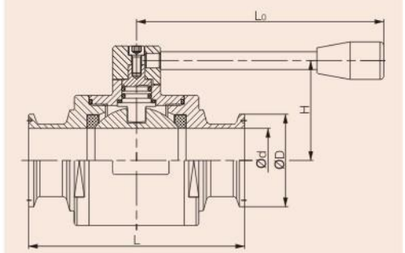
DIN / NQ81FE

Size/DN	L	D	d	L0	H
25	120	50.5	25	135	62
32	130	50.5	31	150	76
40	150	50.5	37	170	83
50	190	64.0	49	185	95
65	230	91.0	66	220	115
80	260	106.0	81	250	125
100	320	119.0	100	280	151

ISO / GQ81FE

Size(Inch)	L	D	d	L0	H
1	120	50.5	22.4	135	62
1 1/4	130	50.5	28.8	150	76
1 1/2	150	50.5	35.1	170	83
2	190	64.0	47.8	185	95
2 1/2	220	77.5	59.5	200	105
3	245	91.0	72.2	230	119
3 1/2	260	106.0	84.9	250	125
4	320	119.0	97.6	280	151

三段式球阀 / 卡箍
Three piece ball valve / clamp



DIN / NQ81FD

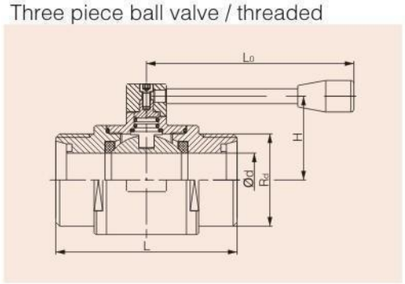
Size/DN	L	D	d	L0	H
25	98	50.5	25	120	40
32	108	50.5	31	120	45
40	118	50.5	37	140	55
50	136	64.0	49	140	66
65	166	91.0	66	185	86
80	176	106.0	81	210	94
100	206	119.0	100	230	112

ISO / GQ81FD

Size(Inch)	L	D	d	L0	H
1	98	50.5	22.4	120	40
1 1/4	108	50.5	28.8	120	45
1 1/2	118	50.5	35.1	140	55
2	136	64.0	47.8	140	66
2 1/2	150	77.5	59.5	160	75
3	166	91.0	72.2	185	86
3 1/2	176	106.0	84.9	210	94
4	206	119.0	97.6	230	112

Sanitary ball valve
卫生球阀

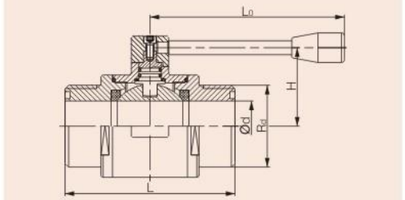
三段式球阀 / 螺纹
Three piece ball valve / threaded



DIN / NQ21FD

Size/DN	L	Rd	d	L0	H
25	98	Rd52x1/6"	25	120	40
32	108	Rd58x1/6"	31	120	45
40	118	Rd65x1/6"	37	140	55
50	136	Rd78x1/6"	49	140	66
65	166	Rd95x1/6"	66	185	86
80	176	Rd110x1/4"	81	210	94
100	206	Rd130x1/4"	100	230	112

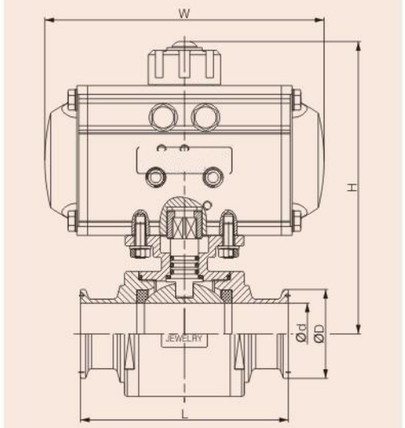
三段式球阀 / 螺纹
Three piece ball valve / threaded



ISO / SMS GQ21FD

Size(Inch)	L	Rd	d	L0	H
1	98	Rd40x1/6"	22.4	120	40
1 1/4	108	Rd48x1/6"	28.8	120	45
1 1/2	118	Rd60x1/6"	35.1	140	55
2	136	Rd70x1/6"	47.8	140	66
2 1/2	150	Rd85x1/6"	59.5	160	75
3	166	Rd98x1/6"	72.2	185	86
3 1/2	176	Rd110x1/6"	84.9	210	94
4 (Max)	206	Rd132x1/6"	97.6	230	112
4 (Min)	206	Rd125x1/4"	97.6	230	112

三段式气动球阀
Three piece pneumatic ball valve



DIN / NQ6s81FD

Size/DN	L	D	d	W	H
25	98	50.5	25	144	138
32	108	50.5	31	144	144
40	118	50.5	37	159	166
50	136	64.0	49	206	193
65	166	91.0	66	253	242
80	176	106.0	81	310	278
100	206	119.0	100	335	305

ISO / GQ6s81FD

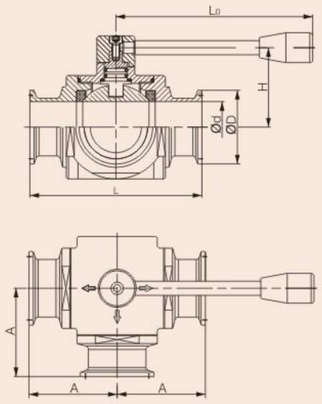
Size(Inch)	L	D	d	W	H
1	98	50.5	22.4	144	138
1 1/4	108	50.5	28.8	144	144
1 1/2	118	50.5	35.1	159	166
2	136	64.0	47.8	206	193
2 1/2	150	77.5	59.5	236	218
3	166	91.0	72.2	253	242
3 1/2	176	106.0	84.9	310	278
4	206	119.0	97.6	335	305

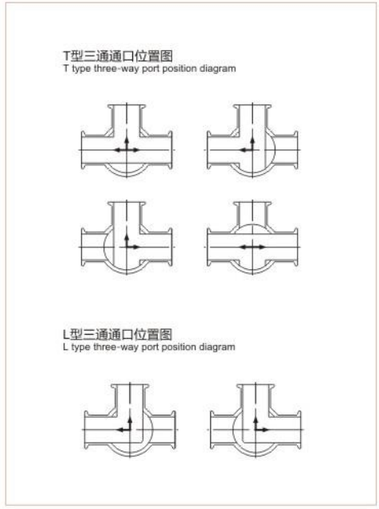
Sanitary Ball Valve

卫生球阀

三通球阀 / 卡箍

Three way ball valve / clamp





NQ 85FL 84FT

Size/DN	L	D	d	A	L0	H
25	98	50.5	25	49	120	40
32	108	50.5	31	54	120	45
40	118	50.5	37	59	140	55
50	136	64.0	49	68	140	66
65	166	91.0	66	83	185	86
80	176	106.0	81	88	210	94
100	206	119.0	100	103	230	112

GQ 85FL 84FT

Size(Inch)	L	D	d	A	L0	H
1	98	50.5	22.4	49	120	40
1 1/4	108	50.5	28.8	54	120	45
1 1/2	118	50.5	35.1	59	140	55
2	136	64.0	47.8	68	140	66
2 1/2	150	77.5	59.5	75	160	75
3	166	91.0	72.2	83	185	86
3 1/2	176	106.0	84.9	88	210	94
4	206	119.0	97.6	103	230	112

Sampling valve

取样阀

应用

- 无菌取样阀广泛应用于无菌条件下从罐底或管道系统中取样，并可在每次取样之前和之后进行杀菌处理。

优点

- 可用蒸汽或者酒精进行原位消毒
- 物料直接用隔膜来密封
- 取样经典，重复性好
- 杜绝二次污染，大批取样，微量取样均可

Applications

- Aseptic sampling valve is widely applied for aseptic conditions to take samples from tank bottom or pipeline system, and disinfect before or after every sampling.

Advantage

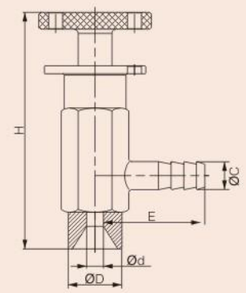
- Can sanitize in place by steam or alcohol
- The materials is sealed directly by diaphragm
- Classical sampling, good repeatability
- Eliminate secondary pollution, takes samples in large or small numbers



技术参数 Technicaldata

金属材质 Material	与介质接触的部件 Contact with the media components	304/316L
	不与介质接触的部件 Noncontact with the media components	304
密封材质 Seal material	标配 standard	EPDM, PTFE
	选配 option	Si, FKM, PPL
	采用进口密封材料，所有密封材质均符合 FDA 21 CFR 177.2600 All seal materis comply with FDA 21 CFR 177.2600	
温度 Temperature	介质温度 Medium temperature	-20/40~+120/150 ℃
	灭菌温度 Sterilization temperature	+150 ℃ (Max20min)
压力 Pressure	工作压力 Working pressure	0~16bar
	控制气源压力 Control air pressure	5~8bar
表面处理 Surface treatment	内表面处理 Internal surface	Ra ≤ 0.6Um
	外表面处理 External surface	哑光，镜面抛光 Matt, mirror polishing
连接 connection	连接方式：焊接、螺纹、卡箍 Connection method:welding, thread, Clamp	
	接口标准：DIN 、 ISO 、 SMS 、 3A Interface standard: DIN, ISO, SMS, 3A	

焊接式取样阀
Weld sampling valve



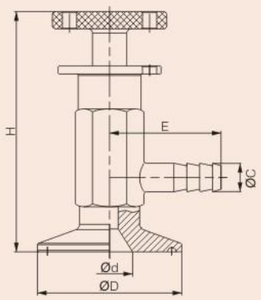
DIN / NY64FL

Size/DN	D	d	C	E	H
10	12	6	10	39	84
15	18	6	10	39	84
20	22	6	10	39	84
25	28	6	10	39	84

ISO / GY64FL

Size(Inch)	D	d	C	E	H
1/2	12.7	6	10	39	84
3/4	19.05	6	10	39	84
1	25.4	6	10	39	84

卡箍式取样阀
Clamp sampling valve



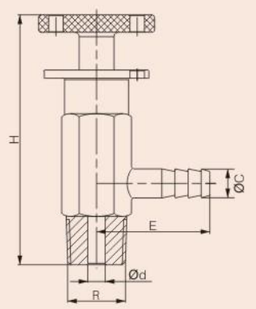
DIN / NY84FL

Size/DN	D	d	C	E	H
25	50.5	25	10	39	84

ISO / GY84FL

Size(Inch)	D	d	C	E	H
1	50.5	22.4	10	39	84

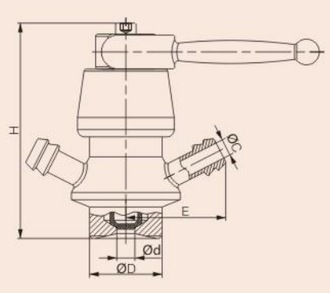
外螺纹取样阀
Female thread sampling valve



NY24FL

Size/DN	R	d	C	E	H
10	3/8"	6	10	39	86
15	1/2"	6	10	39	86
20	3/4"	6	10	39	86

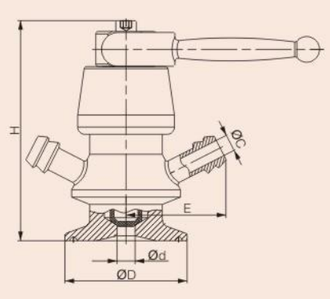
焊式无菌取样阀
Weld aseptic sampling valve



GY64EW

Size(Inch)	D	d	C	E	H
1	30	8	7	41.5	89

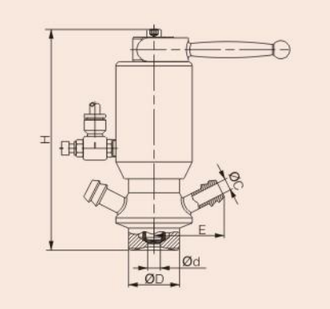
卡式无菌取样阀
Clamp aseptic sampling valve



GY84EW

Size(Inch)	D	d	C	E	H
1	50.5	8	7	41.5	91

气动无菌取样阀
Pneumatic aseptic sampling valve



GY6FB64EW

Size(Inch)	D	d	C	E	H
1	30	8	7	41.5	130

Sanitary centrifugal pump

卫生离心泵

应用

○ SCP 系列卫生离心泵可广泛适用于各类液体物料的输送，乳制品、啤酒、饮料、制药、精细化工等领域。它不但可以输送普通的低中粘度液体，也可以输送含有悬浮物或有腐蚀性的溶液。珠宝卫生离心泵的形式为单级、单吸、开式叶轮。泵壳、叶轮经精心设计，减少了阻力，彻底消灭了卫生死角。由于其特殊的结构，所以提高了泵内液体的流速，从而提高了泵的整体性能，且易于清洗，具有卓越的卫生性能。他可以满足产品对卫生、柔性处理的要求并具有耐化学腐蚀性能。

Application

○ JEWELRY Sanitary Pump is applicable in conveying all kinds of liquid material in the industries of Dairy, Beer, Beverage, Pharmaceutical and Chemistry. It conveys not only normal low or middle viscous solutions but also suspension and corrosive fluids .JEWELRY Sanitary Centrifugal Pump has types of single state , single suction and open styled impeller. with its elaborate design in shell and impeller, resistance is reduced and unhygienic dead angle is thoroughly eliminated . due to its special structure , the liquid flow speed in the pump is promoted to its whole performance , also it has an easy access for cleaning which presents its outstanding sanitary features , It meets the product gentle treatment requirements as well as anti-chemical-corrosive character

标准设计

○ SCP 系列卫生型离心泵由以下部分组成：标准的马达、叶轮、泵壳、卫生型机械密封。它具有专为就地清洗系统（ CIP ）设计的内部无死角和可清洗的密封。 SCP 泵有一个不锈钢的外罩可保护马达，可还有四个调节的不锈钢支脚。

Standard design

○ The SCP pump consist of a standard motor , impeller , pump casing and sanitary mechanical shaft seal , the SCP pump is designed for CIP with emphasis on large internal roundings and cleanable seals , SCP has a stainless steel shroud for protection of the motor , and the complete unit is supported on four adjustable stainless steellegs .

轴封

○ SCP 泵装有一个平衡型单端面机械密封或者一个可冲洗的平衡型单端面机械密封。这两种机械密封的静环由 316L 钢内嵌碳化硅或者石墨构成，动环则由碳化硅制成。可冲洗机械密封的辅助密封式一个经久耐用的唇形密封。 SCP10B-SCP25B 型泵的机械密封为双端面机械密封。

Shaft seal

○ The SCP pump is equipped with either an single or a flushed shaft seal , Both have stationary seal rings in acidresistant steel AISI 316L with sealing surface in carbon or carbide and rotating seal rings in silicon carbide . the secondary seal of the flushed seal is a long lasting lip seal . SCP10B to 25Bmay also be equipped with a double mechanical shaft seal .

其泵规格如下： The pump specifications are as follows:
5-24/5-36
10-24/10-36/10-50
20-24/20-36/20-50/20-60
30-24/30-36/30-50
40-24/40-36/40-50
50-24/50-40
60-24/60-36/60-50



技术参数 Technicaldata

金属材质 Material	过液部分材质 Product wetted steel parts	304/316L
	不过液部分材质 Product non wetted steel parts	304
表面处理 Surface treatment	内表面处理：抛镜面，Ra ≤ 0.6Um The inner surface treatment: Parabolic mirror, Ra ≤ 0.6Um	
	外表面处理：喷砂 Surface treatment: sand blasting	
过液密封材质 Product wetted seals	标配 standard	EPDM
	选配 option	NBR, FKM
最大入口压力 Max inlet pressure	0.5MPa	
温度范围 Temperature range	-20~+120 ℃	
噪声范围 Noise level	< 85dB(A)	
可冲洗密封 Flushed seal	水压：最高 0.1MPa Water pressure: the maximum 0.1MPa	
	水量：0.25~0.5L/min Water consumption: 0.25~0.5L/min	
双端面密封 Double mechanical seal	水压：最高 0.6MPa Water pressure: the maximum 0.6MPa	
	水量：0.25~0.5L/min Water consumption: 0.25~0.5L/min	
电压和频率 (50Hz) Voltage and frequency (50Hz)	220~240V/380~420V/660~690V,/Y	
电机型号 Motor sizes	1.5,2.2,3,4,5.5,7.5,11,15kW	

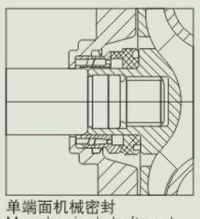


离心泵型号说明
Centrifugal pump size explaination

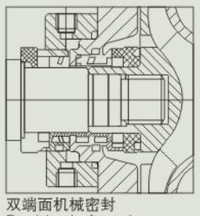
示例：(Example)

SCP 5 K – A 24 – 1.5 A

- 连接形式 Coupling model：A: ISO 卡箍 ISO Clamp　B: ISO 螺纹活接 ISO Male　C: DIN 卡箍 DIN Clamp　D: DIN 螺纹活接 DIN Male
- 电动机功率：KW The motor power
- 扬程：M Lift
- 机封形式：Machine seal model：A：单端面机械密封 Single face mechanical seal　B：双端面机械密封 Double end face mechanical seal
- 叶轮形式：Impeller model：F：闭式叶轮 Closed impeller　K：开式叶轮 Open impeller
- 流量：T Flow
- 卫生离心泵 Sanitary centrifugal pump



单端面机械密封
Meachanical shaft seal

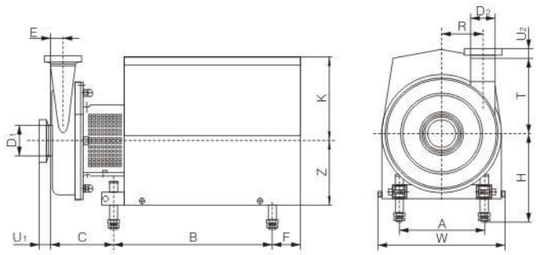


双端面机械密封
Double shaft seal

Centrifugal pump

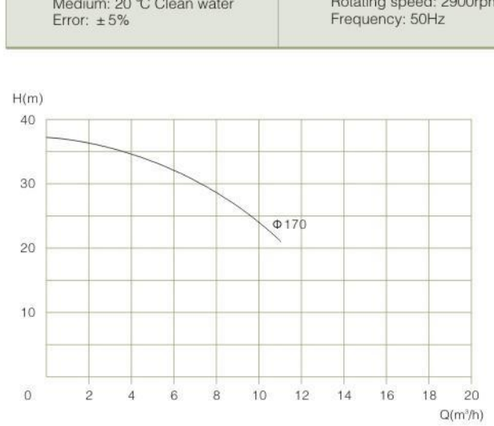
离心泵 SCP-01





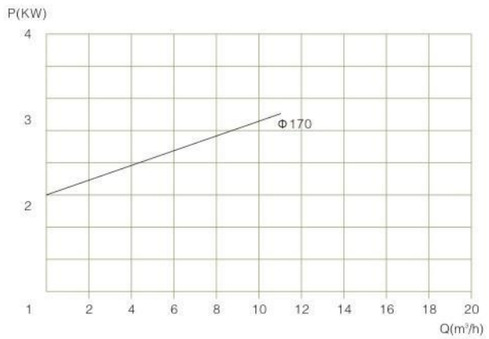
性能曲线 Performance curve

介质： 20 ℃清水 误差： ±5% Medium: 20 ℃ Clean water Error: ±5%	转速： 2900rpm 频率： 50Hz Rotating speed: 2900rpm Frequency: 50Hz	叶轮直径： 175mm Impeller: 175mm	进口规格： 38.1 /40 出口规格： 25.4 /25 Inlet diameter: 38.1 /40 Outlet diameter: 25.4 /25



SCP-01技术参数说明(Technical data)

Size	电机功率(Motor Power)			
	1.5KW	2.2KW	3KW	4KW
A	140	140	160	190
B	255	255	320	320
C	136.7	136.7	139.7	139.7
E	40	40	40	40
F	71.5	96.5	73.5	88.5
H min	180	180	195	207
H max	220	220	265	277
K	161.5	161.5	186.5	198.5
R	84.3	84.3	84.3	84.3
T	180	180	180	180
W	248	248	272	272
Z	120	120	135	147

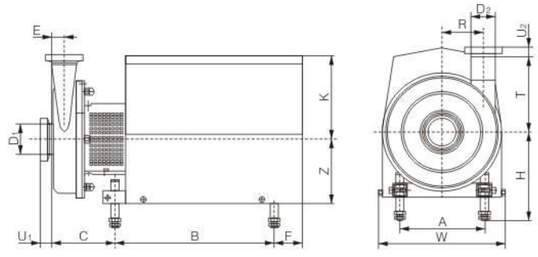


Size	卡箍 Clamp		活接 Union	
	ISO	DIN	ISO	DIN
D_1	Ø38.1	DN40	SMS38.1	DN40
U_1	21.5	21.5	20	22
D_2	Ø25.4	DN25	SMS25.4	DN25
U_2	21.5	21.5	20	22

Centrifugal pump

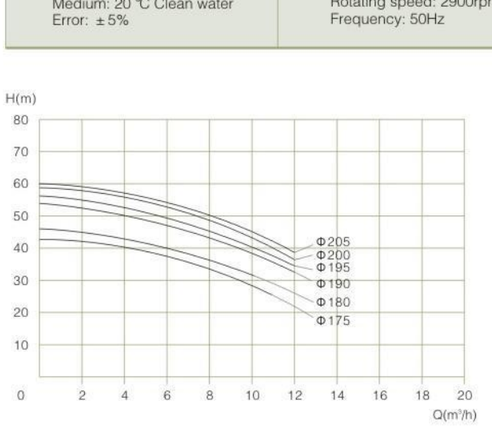
离心泵 SCP-02





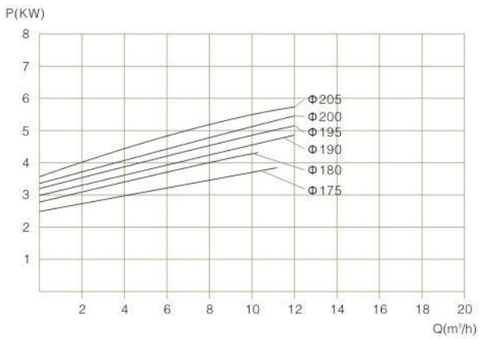
性能曲线 Performance curve

介质： 20 ℃清水 误差： ±5% Medium: 20 ℃ Clean water Error: ±5%	转速： 2900rpm 频率： 50Hz Rotating speed: 2900rpm Frequency: 50Hz	叶轮：最大直径： 205mm 最小直径： 175mm Impeller:Max Dia: 205mm Min Dia: 175mm	进口规格： 50.8 /50 出口规格： 38.1 /40 Inlet diameter: 50.8 /50 Outlet diameter: 38.1 /40



SCP-02技术参数说明(Technical data)

Size	电机功率(Motor Power)			
	3KW	4KW	5.5KW	7.5KW
A	160	190	216	216
B	320	320	400	400
C	139.7	139.7	144.7	144.7
E	40	40	40	40
F	73.5	88.5	72.5	112.5
H min	195	20.7	215	215
H max	265	277	305	305
K	186.5	198.5	215.5	215.5
R	102.8	102.8	102.8	102.8
T	180	180	180	180
W	272	272	322	322
Z	135	147	167	167

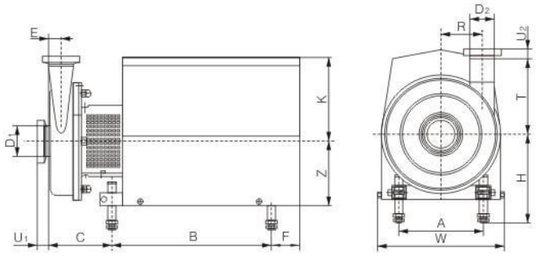


Size	卡箍 Clamp		活接 Union	
	ISO	DIN	ISO	DIN
D_1	Ø50.8	DN50	SMS50.8	DN50
U_1	21.5	21.5	20	23
D_2	Ø38.1	DN40	SMS38.1	DN40
U_2	21.5	21.5	20	22

Centrifugal pump

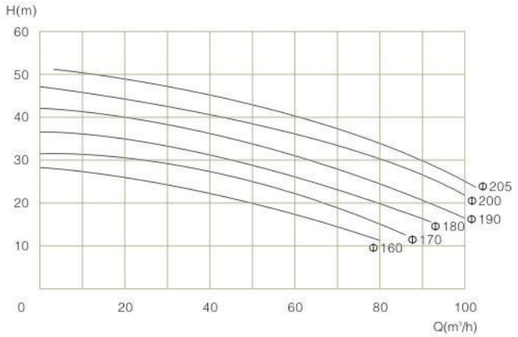
离心泵 SCP-03

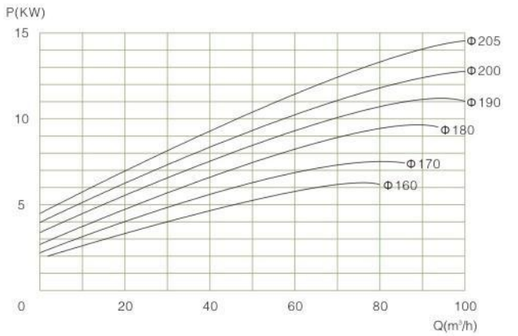




性能曲线 Performance curve

介质：20 ℃清水 误差：±5% Medium: 20 ℃ Clean water Error: ±5%	转速：2900rpm 频率：50Hz Rotating speed: 2900rpm Frequency: 50Hz	叶轮：最大直径：205mm 最小直径：175mm Impeller:Max Dia: 205mm Min Dia: 175mm	进口规格：76.2 /80 出口规格：63.5 /65 Inlet diameter: 76.2 /80 Outlet diameter: 63.5 /65





SCP-03技术参数说明(Technical data)

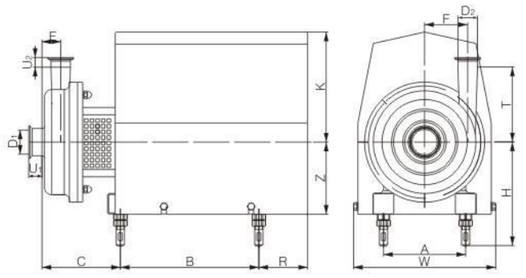
Size	电机功率(Motor Power)				
	4KW	5.5KW	7.5KW	11KW	15KW
A	190	216	216	254	254
B	320	400	400	482	482
C	154.5	159.5	159.5	191	191
E	32	32	32	32	32
F	88.5	72.5	112.5	95.5	95.5
H min	207	215	215	238	238
H max	277	305	305	330	330
K	198.5	315.5	215.5	269.5	269.5
R	105	105	105	105	105
T	193	193	193	193	193
W	272	322	322	372	372
Z	147	167	167	195	195

Size	卡箍 Clamp		活接 Union	
	ISO	DIN	ISO	DIN
D1	Ø76.2	DN80	SMS76.2	DN80
U1	21.5	21.5	24	28
D2	Ø63.5	DN65	SMS63.5	DN65
U2	21.5	21.5	24	25

Centrifugal pump

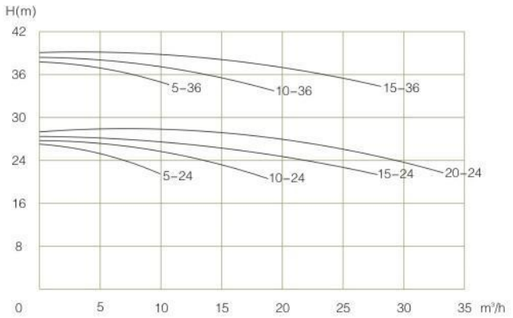
离心泵 (半开式)





A	B	C	E	F	Z	K	R	H	T	W
140	210	163	43	77	130	160	93	192	150	227
160	250	147	52	84	130	170	88	192	150	227
160	250	153	43	77	130	170	88	192	150	227
160	270	158	47	84	140	216	95	202	150	277
160	270	158	43	80	140	216	95	202	150	277
160	270	158	43	80	140	216	95	202	150	277
190	270	158	47	84	152	198	110	214	150	297
160	270	169	43	80	140	216	95	202	150	277
190	270	169	43	80	152	198	110	214	150	297

性能曲线 Performance curve



Size	卡箍 Clamp		活接 Union	
	ISO	DIN	ISO	DIN
D1	Ø50.8	DN50	SMS50.8	DN50
U1	21.5	21.5	20	23
D2	Ø38.1	DN40	SMS38.1	DN40
	Ø50.8	DN50	SMS50.8	DN50
U2	21.5	21.5	20	22/23

Sanitary Liquid-ring pump

卫生自吸泵

应用

○ SLRP 系列卫生型 CIP 自吸泵广泛适用于各类 CIP 回程清洗系统中，乳制品、啤酒、饮料、制药等工业领域。

工作原理

○ 泵启动后，叶轮将吸入室所存的液体及吸入管内的空气一起吸入，并在叶轮内得以完全混合，在离心力的作用下，液体夹带着气体向涡室外缘流动，在叶轮的边缘上形成高速旋转液环。气液混合体通过扩散管进入气体螺旋槽，随着螺旋槽和叶轮之间的间隙越来越小，直至被推压至出口处。此时，由于流速突然降低，较轻的气体从混合液体中被分离出来，气体通过泵体出口继续上升排出。脱气后的液体回到储液室，并由回流孔再次进入叶轮，与叶轮内部吸入从吸入管道中吸入的气体再次混合，在高速旋转的叶轮作用下，又流向叶轮外缘。随着这个过程周而复始的进行下去，吸入管道中的空气不断减少，直至吸尽空气，完成自吸过程。

特征及特点

○ 该款设计可以用来输送含有空气或者其他气体液体物资，结构紧凑，叶轮两面平面单面间隙只有 0.3mm ，有效加快泵内液体的流速，提高泵的整体性能。

Application

○ Model SLRP sanitary CIP self-sucking pump is widely applied for various CIP return cleaning system in fields such as dairy products, beers, beverage, pharmacy.

Working Principle

○ After starting of the pump, the impeller sucks the liquid stored in suction chamber and the air in the suction pipe, to be completely mixed in the impeller, under the action of centrifugal force, the liquid is mobile along the edge of volute chamber along with the air, forms a high-speed rotary liquid loop at the edge of the impeller. The gas-liquid mixture enters gas helical flute via diffusion duct, becomes less and less according to the interval of helical flute and impeller, till to be impelled to the outlet, and then the flow rate suddenly slows down, the light-weighted gas is separated from the mixture, rises and exhausts through pump body outlet. The degasified liquid returns to storage chamber, and re-enters the impeller by re-flow hole, and re-mixes the gas sucked from the suction pipeline in the impeller, under the action of high-speed rotation of impeller, flows to the edge of the impeller again. Round and round, the air in the suction pipeline become less and empty, it is a full process of self-sucking.

Features and characteristics

○ This design is used to deliver liquid materials containing air or other gases, has a compact structure, the interval of two flat face at both sides of the impeller is only 0.3mm, effectively accelerates the flow rate of liquid in the pump and improves the comprehensive performance of the pump.

技术参数 Technicaldata

金属材质 Material	过液部分材质 Product wetted steel parts	316L
	不过液部分材质 Product non wetted steel parts	304
表面处理 Surface treatment	内表面处理：抛镜面， Ra ≤ 0.6Um The inner surface treatment: Parabolic mirror, Ra ≤ 0.6Um	
	外表面处理：喷砂 Surface treatment: sand blasting	
过液密封材质 Product wetted seals	标配 Standard	EPDM
	选配 Option	NBR, FKM
最大入口压力 Max inlet pressure	0.5MPa	
温度范围 Temperature range	-20~+120 ℃	
噪声范围 Noise level	< 85dB(A)	
电压和频率 (50Hz) Voltage and frequency (50Hz)	380~420V/660~690V,/Y	
电机型号 Motor sizes	4,5.5,7.5kW	





自吸泵型号说明

Self suction pump size explaination

示例：(Example)

SLRP 5 -24 -1.5 A

- A: ISO 卡箍 ISO Clamp　B: ISO 螺纹活接 ISO Male
- C: DIN 卡箍 DIN Clamp　D: DIN 螺纹活接 DIN Male

连接形式 Coupling model

电动机功率：KW The motor power

扬程：M Lift

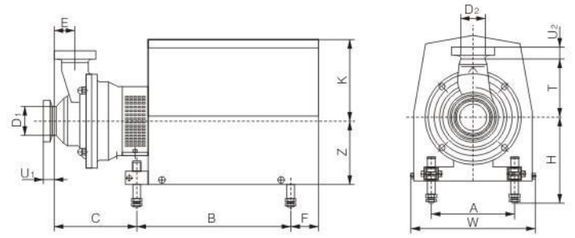
流量：T Flow

卫生自吸泵 Sanitary Liquid-ring pump

Liquid-ring pump

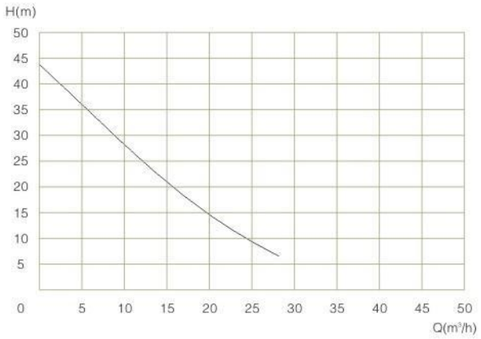
自吸泵 SLRP-20

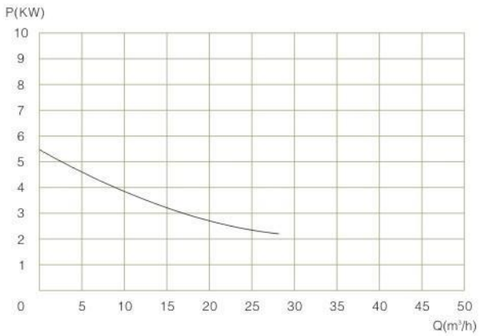




性能曲线 Performance curve

介质：20 ℃清水 误差：±5% Medium: 20 ℃ Clean water Error: ±5%	转速：1450rpm 频率：50Hz Rotating speed: 1450rpm Frequency: 50Hz	进口规格：76.2 /80 出口规格：63.5 /65 Inlet diameter: 76.2 /80 Outlet diameter: 63.5 /65	吸程：8M Suction Lift: 8M





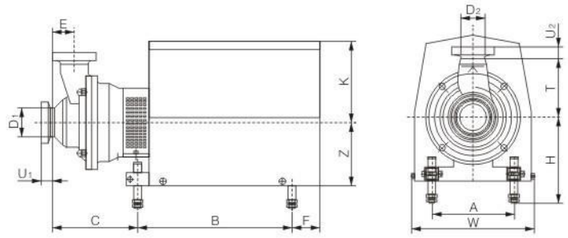
SLRP-20技术参数说明(Technical data)

Size	电机功率(Motor Power)	
	4KW	5.5KW
A	190	216
B	320	400
C	210	219
E	56	56
F	88.5	72.5
H min	207	215
H max	277	305
K	189.5	215.5
R	154	154
T	200	200
W	272	322
Z	147	167

Size	卡箍 Clamp		活接 Union	
	ISO	DIN	ISO	DIN
D_1	Ø76.2	DN80	SMS76.2	DN80
U_1	21.5	21.5	24	28
D_2	Ø63.5	DN65	SMS63.5	DN65
U_2	21.5	21.5	24	25

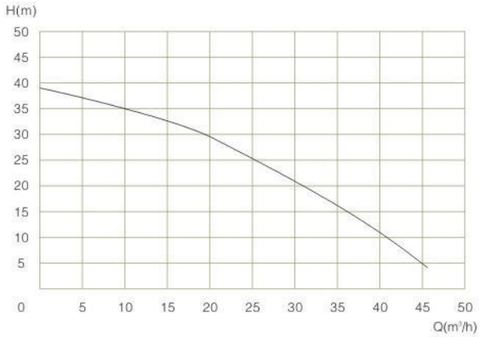
自吸泵 SLRP-30

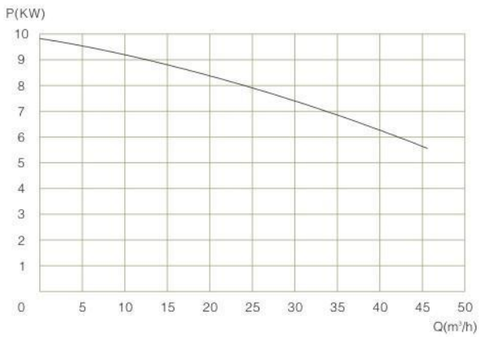




性能曲线 Performance curve

介质：20 ℃清水 误差：±5% Medium: 20 ℃ Clean water Error: ±5%	转速：1450rpm 频率：50Hz Rotating speed: 1450rpm Frequency: 50Hz	进口规格：76.2 /80 出口规格：76.2 /80 Inlet diameter: 76.2 /80 Outlet diameter: 76.2 /80	吸程：8M Suction Lift: 8M



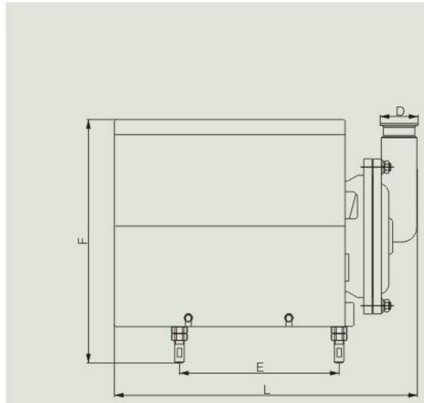


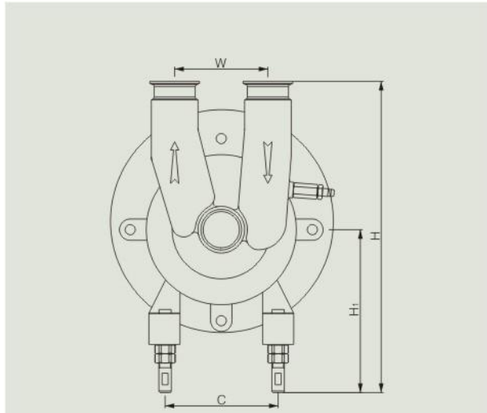
SLRP-25技术参数说明(Technical data)

Size	电机功率(Motor Power)	
	5.5KW	7.5KW
A	216	216
B	400	400
C	219	219
E	56	56
F	72.5	112.5
H min	215	215
H max	305	305
K	215.5	215.5
T	154	154
W	322	322
Z	167	167

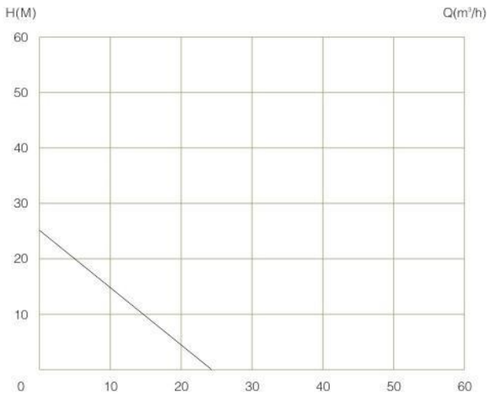
Size	卡箍 Clamp		活接 Union	
	ISO	DIN	ISO	DIN
D_1	Ø76.2	DN80	SMS76.2	DN80
U_1	21.5	21.5	24	28
D_2	Ø76.2	DN80	SMS76.2	DN80
U_2	21.5	21.5	24	28

自吸泵 SLRP-0B





性能曲线 Performance curve





规 格	电机功率	A	B	C	D	E	F	H	L	D 进 / 出口
SLRP-10	4KW	310	89	216	242	320	465	426	721	51/51

Sight glass

视镜



应用

- 视镜用于需要直观观察设备及系统工作状态的场合。根据不同的工艺需求，可提供不同形式的视镜。
- 活接型视镜，拆装更方便，适合于罐类设备的观察。
- 直通视镜可 360 °观察，并可选配金属保护网，可水平或者垂直安装。适合于管线的在线观察。
- 广泛应用于食品、饮料、酒类、制药、精细化工等领域。

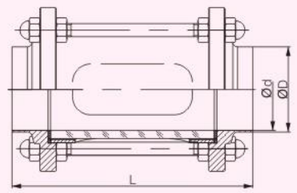
Applications

- The sight glass is used for the occasions where requires visual observation on working status of devices and system. According to specific process needs, different types of sight glasses are available.
- Union sight glass, easily disassembled, is suitable for the observation of tank-like facilities.
- Direct-connection sight glass can observe in full directions, can be optical with metal guard, can be installed horizontally or vertically, is suitable for online observation of pipelines.
- Widely applied in fields such as foodstuff, beverage, wines, pharmacy, fine chemicals.

技术参数 Technicaldata

金属材质 Material	与介质接触的部件 Contact with the media components	304/316L
	不与介质接触的部件 Noncontact with the media components	304
密封材质 Seal material	标配 standard	EPDM
	选配 option	PTFE, Si, FKM
玻璃材质 Glass material	膨化硅玻璃、钢化玻璃 Puffed silicon glass, tempered glass	
工作温度 Working temperature	-20~+135 ℃	
表面处理 Surface treatment	内表面处理 Internal surface	Ra ≤ 0.8Um
	外表面处理 External surface	Ra ≤ 1.6Um
连接 Connection	连接方式：焊接、螺纹、卡箍 Connection method:welding, thread, Clamp	
	接口标准：DIN 、ISO 、SMS 、3A Interface standard: DIN, ISO, SMS, 3A	

焊接式直通视镜
Weld straight sight glassor



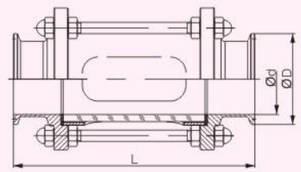
DIN / NSJ6T

Size/DN	L	D	d		
25	145	28	25		
32	145	34	31		
40	145	40	37		
50	147	52	49		
65	150	70	66		
80	160	85	81		
100	165	104	100		

ISO / GSJ6T

Size(Inch)	L	D	d		
1	145	25.4	22.4		
1 1/4	145	31.8	28.8		
1 1/2	145	38.1	35.1		
2	147	50.8	47.8		
2 1/2	150	63.5	59.5		
3	150	76.2	72.2		
3 1/2	160	88.9	84.9		
4	165	101.6	97.6		

卡箍式直通视镜
Clamp straight sight glass



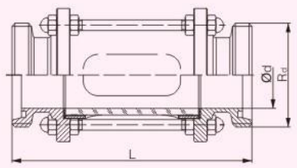
DIN / NSJ8T

Size/DN	L	D	d		
25	165	50.5	25		
32	165	50.5	31		
40	165	50.5	37		
50	170	64.0	49		
65	175	91.0	66		
80	180	106.0	81		
100	193	119.0	100		

ISO / GSJ8T

Size(Inch)	L	D	d		
1	165	50.5	22.4		
1 1/4	165	50.5	28.8		
1 1/2	165	50.5	35.1		
2	170	64.0	47.8		
2 1/2	172	77.5	59.5		
3	175	91.0	72.2		
3 1/2	180	106.0	84.9		
4	193	119.0	97.6		

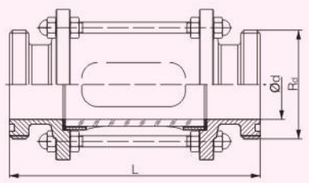
螺纹式直通视镜
Thread straight sight glass



DIN / NSJ2T

Size/DN	L	Rd	d		
25	170	Rd52X1/6"	25		
32	170	Rd58X1/6"	31		
40	180	Rd65X1/6"	37		
50	180	Rd78X1/6"	49		
65	185	Rd95X1/6"	66		
80	200	Rd110X1/4"	81		
100	205	Rd130X1/4"	100		

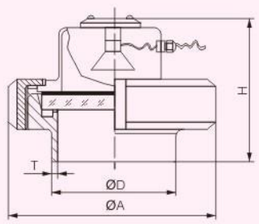
螺纹式直通视镜
Thread through sight glass



ISO / SMS GSJ2T

Size(Inch)	L	Rd	d		
1	170	Rd40X1/6"	22.4		
1 1/4	170	Rd48X1/6"	28.8		
1 1/2	180	Rd60X1/6"	35.1		
2	180	Rd70X1/6"	47.8		
2 1/2	185	Rd85X1/6"	59.5		
3	190	Rd98X1/6"	72.2		
3 1/2	200	Rd110X1/6"	84.9		
4 (Max)	205	Rd132X1/6"	97.6		
4 (Min)	205	Rd125X1/4"	97.6		

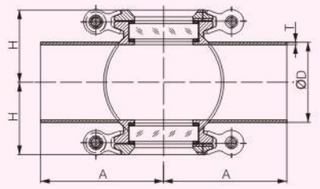
带射灯视镜
Sight glass with Light



NSJ6S

Size/DN	A	D	T	H	
80	127	87	3.0	90	
100	148	106	3.0	97	
125	178	132	3.5	87	
150	210	157	3.5	90	

焊接式球形视镜
Weld ball type sight glass



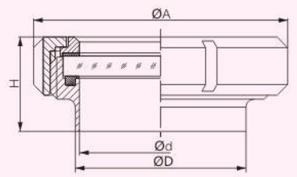
DIN / NSJ6Q

Size/DN	D	T	A	H	
25	28	1.5	65	37.0	
32	34	1.5	70	40.0	
40	40	1.5	80	41.5	
50	52	1.5	90	47.5	
65	70	2.0	110	58.5	
80	85	2.0	120	66.0	
100	104	2.0	140	75.5	
125	129	2.0	165	97.0	
150	154	2.0	180	107	

ISO / GSJ6Q

Size(Inch)	D	T	A	H	
1	25.4	1.5	65	34.0	
1 1/4	31.8	1.5	70	40.0	
1 1/2	38.1	1.5	80	41.5	
2	50.8	1.5	90	46.5	
2 1/2	63.5	2.0	100	53.5	
3	76.2	2.0	110	61.5	
3 1/2	88.9	2.0	120	67.5	
4	101.6	2.0	140	74.0	

焊接式罐顶视镜
Weld tank top sight glass



DIN / NSJ6X

Size/DN	D	d	A	H	
25	29	25	63	35	
32	35	31	70	35	
40	41	37	87	36	
50	53	49	92	37	
65	70	66	110	40	
80	85	81	127	47	
100	104	100	148	49	
125	129	125	178	54	
150	154	150	210	57	

ISO / GSJ6X

Size(Inch)	D	d	A	H	
1	25.4	22.4	51	33	
1 1/4	31.8	28.8	60	34	
1 1/2	38.1	35.1	74	36	
2	50.8	47.8	84	37	
2 1/2	63.5	59.5	100	39	
3	76.2	72.2	113	45	
4	101.6	97.6	142	48	

The pipe filter

管道过滤器

应用

ZBL 系列过滤器是一种卫生级过滤器，主要用于保护泵、仪器仪表和其他设备能正常工作。由于其机构紧凑，过滤能力强，压损小，维护方便等特点，广泛应用于乳制品，饮料，制药等领域。

工作原理

过滤器用于阻止被过滤介质中的固体颗粒进入后续管道的设备，介质从过滤器入口进入一定规格的滤芯后，其较大的固体颗粒或杂质留在滤芯内，过滤后的介质则由出口流出，达到使用要求。当过滤器前后压差超出要求或者滤芯损坏时，只须将滤芯取出，清洗干净或更换滤芯，重新安装好便可使用。

特性

直通式过滤器特点是进口于出口在一条中心线上，进出口两端平面平行，使用安装在一条管道上，但直通过滤器清洗滤网不方便，直通式过滤器因出口和滤网是一体式，在需要清洗滤网时需拆下整体过滤器。直角过滤器进口与出口成 90 °垂直。滤网和缸体是分体式结构，在不拆卸缸体的情况下就能抽出滤网清洗。

Y 型过滤器端面平行同心，可安装在一条中心直线上，代替直通式过滤器，滤网和缸体是分体式结构，在不拆卸缸体的情况下就能抽出滤网清洗。双联过滤器由两个直角过滤器、四个蝶阀、两个三通、两个弯头、四套活接组成，双联过滤器的作用是保证设备连续工作在线清洗，在使用时只需要开启一个过滤器，另一个做备用，在一个过滤器需要清洗时，开启另外一个过滤器，起到一个不停机连续使用的作用。

Applications

Model ZBL filter is sanitary one mainly used for safeguarding normal operation of pumps, instrumentations and other devices. Due to its compact structure, strong filtration capacity, less pressure loss and easy maintenance, it is widely applied in fields such as beverage, pharmacy, dairy products.

Working Principles

The filter is used to resist solid particles in the filtering medium to enter the follow-up pipeline, the medium goes into a certain size of filter cartridges through the inlet of the filter, the large solid particles or impurities is stayed in the cartridge, the filtered medium is flow out at the exit so as to attain its application. When the pressure difference before and after the filter exceeds the standard or the cartridge is damaged, just takes out the cartridge, cleans or replace it, reinstalls and re-starts.

Characteristic

Straight filter is that its outlet and inlet are placed on one central line, both outlet and inlet surface is parallel, are installed and applied on one pipeline, however, it is inconvenient to clean the filter, it should disassemble the whole filter as cleaning because the outlet and filter is integral. The inlet and outlet of rectangular filter is at the right angle. The filter and cylinder are two-piece, the filter can be cleansed without disassembling.

The end faces of Y-shaped filter is parallel and concentric, it can be installed one central straight line, instead of straight filter, its filter mesh is split from cylinder, it can be taken out for cleaning without disassembling. Dual-connection filter consists of rectangular filters, four butterfly valves, two tees, two elbows and four unions, it is applicable for ensuring online cleansing as the machine is continuously operated, when applied, just open one filter and the other is standby, when one is cleaning, open the other so as to ensure a continuous use.

技术参数 Technicaldata

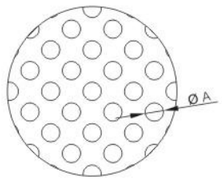
金属材质 Material	与介质接触的部件 Contact with the media components	304/316L
	不与介质接触的部件 Noncontact with the media components	304
密封材质 Seal material	标配 standard	EPDM
	选配 option	PTFE 、 NBR 、 FKM
结构形式 Structural style	直通式、直角式、斜插式、双联式 Straight through, right angle, oblique inserting type, double type	
口径范围 Aperture range	DN25~DN100 1"~4"	
过滤目数 Mesh	60, 80, 100, 120, 165, 200	
表面处理 Surface treatment	内表面处理 Internal surface	Ra ≤ 0.6Um
	外表面处理 External surface	哑光，镜面抛光
连接 Connection	连接方式：焊接、螺纹、卡箍 Connection method:welding, thread, Clamp	
	接口标准：DIN 、 ISO 、 SMS 、 3A Interface standard: DIN, ISO, SMS, 3A	

管道过滤器

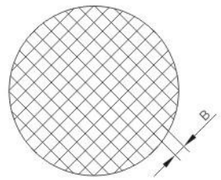
过滤器根据使用要求可选用不同的滤芯，其滤芯有三种类型（冲孔板网滤芯、金属丝网滤芯及楔形滤芯）其过滤能力如下：

Filters can be matched by different cores according to usage requirements. there are three types of cores (metal mesh, perforated plate and wedge wire) The filtering capabilities are as follows

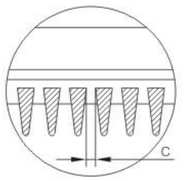




孔径 (A) Aperture	0.5	1	1.5	2	3	5
有效面积 Useful Surface(%)	15	28	33	30	33	46

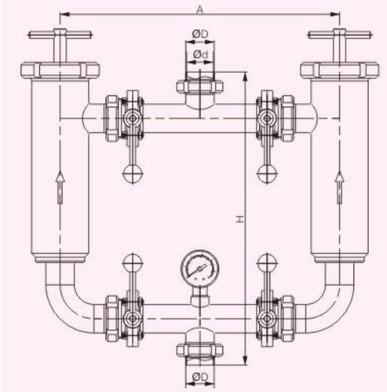


目数 Mesh	30	40	60	80	100	165
C(mm)	0.55	0.40	0.30	0.20	0.15	0.10
有效面积 Useful Surface(%)	48	46	52.6	42	36.2	45.4



目数 Mesh	30	40	60	80	100	165
B(mm)	0.55	0.40	0.30	0.20	0.15	0.10
有效面积 Useful Surface(%)	48	46	52.6	42	36.2	45.4

双联过滤器
Double filter



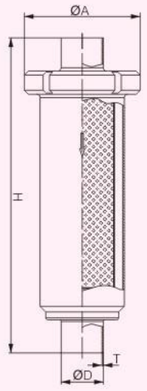
DIN / NLQ2H

Size/DN	D	d	A	H	滤芯
25	28	25	462	368	60~400 目任选
32	34	31	462	368	
40	40	37	516	416	
50	52	49	556	472	
65	70	66	612	552	
80	85	81	700	668	
100	104	100	784	755	

ISO / GLQ2H

Size(Inch)	D	d	A	H	滤芯
1	25.4	22.4	462	368	60~400 目任选
1 1/4	31.8	28.8	462	368	
1 1/2	38.1	35.1	516	416	
2	50.8	47.8	556	472	
2 1/2	63.5	59.5	612	552	
3	76.2	72.2	642	609	
3 1/2	88.9	84.9	700	668	
4	101.6	97.6	784	755	

焊接式直通过滤器
Weld straight through filter



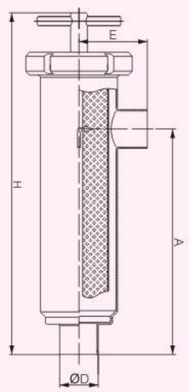
DIN / NLQ6T

Size/DN	D	T	A	H	滤芯
25	28	1.5	111	320	60~400 目任选
32	34	1.5	111	320	
40	40	1.5	125	350	
50	52	1.5	140	380	
65	70	2.0	154	450	
80	85	2.0	176	520	
100	104	2.0	206	580	

ISO / GLQ6T

Size(Inch)	D	T	A	H	滤芯
1	25.4	1.5	111	320	60~400 目任选
1 1/4	31.8	1.5	111	320	
1 1/2	38.1	1.5	125	350	
2	50.8	1.5	140	380	
2 1/2	63.5	2.0	154	435	
3	76.2	2.0	154	480	
3 1/2	88.9	2.0	176	520	
4	101.6	2.0	206	580	

焊接式直角过滤器
Weld rectangular filter



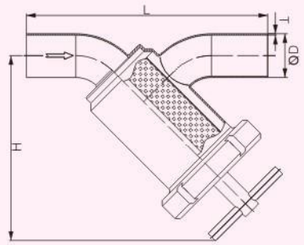
DIN / NLQ6L

Size/DN	D	E	A	H	滤芯
25	28	68	248	376	60~400 目任选
32	34	68	248	376	
40	40	80	268	410	
50	52	90	297	450	
65	70	102	336	509	
80	85	125	400	609	
100	104	140	445	680	

ISO / GLQ6L

Size(Inch)	D	E	A	H	滤芯
1	25.4	68	248	376	60~400 目任选
1 1/4	31.8	68	248	376	
1 1/2	38.1	80	268	410	
2	50.8	90	297	450	
2 1/2	63.5	102	336	509	
3	76.2	115	370	569	
3 1/2	88.9	125	400	609	
4	101.6	140	445	680	

焊接式 Y 型过滤器
Weld Y-type filter



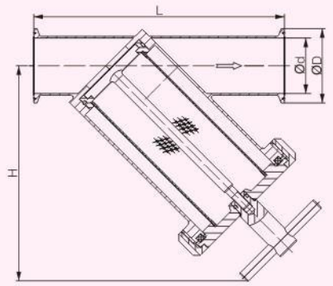
DIN / NLQ6Y

Size/DN	D	T	L	H	滤芯
25	28	1.5	230	185	60~400 目任选
32	34	1.5	240	186	
40	40	1.5	268	215	
50	52	1.5	300	233	
65	70	2.0	350	269	
80	85	2.0	415	317	
100	104	2.0	480	364	

ISO / GLQ6Y

Size(Inch)	D	T	L	H	滤芯
1	25.4	1.5	230	185	60~400 目任选
1 1/4	31.8	1.5	240	186	
1 1/2	38.1	1.5	268	215	
2	50.8	1.5	300	233	
2 1/2	63.5	2.0	350	270	
3	76.2	2.0	380	298	
3 1/2	88.9	2.0	415	317	
4	101.6	2.0	480	364	

卡箍式斜插过滤器
Clamp inclined inserted filter



DIN / NLQ8V

Size/DN	D	d	L	H	滤芯
25	50.5	25	156	156	60~400 目任选
32	50.5	31	178	161	
40	50.5	37	196	172	
50	64.0	49	216	186	
65	91.0	66	295	223	
80	106.0	81	324	240	
100	119.0	100	362	260	

ISO / GLQ8V

Size(Inch)	D	d	L	H	滤芯
1	50.5	22.4	156	156	60~400 目任选
1 1/4	50.5	28.8	178	161	
1 1/2	50.5	35.1	196	172	
2	64.0	47.8	216	186	
2 1/2	77.5	59.5	256	217	
3	91.0	72.2	295	225	
3 1/2	106.0	84.9	324	240	
4	119.0	97.6	362	260	

Respirator

呼吸器

应用

- 超纯水过滤；
- 超纯电子化学品溶液过滤；
- 发酵罐、储罐、配料罐、无菌排气、进气过滤；
- 电子工业高纯气体过滤；高纯蒸汽过滤；
- 溶剂、溶液、油墨等精过滤；
- 更精密过滤的预过滤。

Applications

- Ultrapure water filtration;
- Ultrapure electronic chemicals solution filtration;
- Aseptic exhaust or intake filtration of fermentor, storage tank and mixing tank;
- Filtration of electronic or industrial high-purity gases; high-purity steam filtration;
- Fine filtration of solvent, solution and inks etc.;
- Pre-filtration before finer filtration.

工作原理

- 利用微孔过滤器的超微滤膜，防止储罐内液位下降或浮动吸入外部空气中带有的尘埃粒子进入，保证了罐内空气的洁净度。

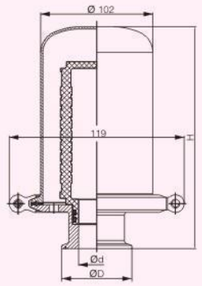
Working Principles

- Applies microfiltration membrane with microporus filter prevents from the descending or floating of the liquid in the storage tank and sucking the dust particles in the external air, so as to ensure the cleanness of the air in the tank.

技术参数 Technicaldata

金属材质 Material	与介质接触的部件 Contact with the media components	304/316L
	不与介质接触的部件 Noncontact with the media components	304
滤芯材质 Core material	PTFE 、 PP 、 PVDFE 、 N6 、 N66 、 A 型（无不锈钢内衬）、 B 型（不锈钢内衬） PTFE, PP, PVDFE, N6, N66, A (non stainless steel lining), B type (stainless steel)	
滤芯常用型号 Common types of filter	5" 、 10" 、 20"	
口径范围 Scope range	DN25-DN50 1"-2"	
过滤精度 Filtering precision	0.1 、 0.22 、 0.45 、 0.65 、 1.0 、 3.0 、 5.0 、 10 （ um ）	
工作温度 Working temperature	≤ 125 ℃	
滤芯条数 Filter element number	1-14	
表面处理 Surface treatment	内表面处理 Internal surface	Ra ≤ 0.6Um
	外表面处理 External surface	哑光，镜面抛光 Matt, mirror polishing





ISO / GFX8Q

Size(Inch)	H 5"	H 10"	D	d
1	205	320	50.5	22.4
1 1/4	205	320	50.5	28.8
1 1/2	205	320	50.5	35.1
2	205	320	64.0	47.8

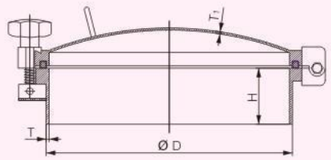
Circular pressure manhole

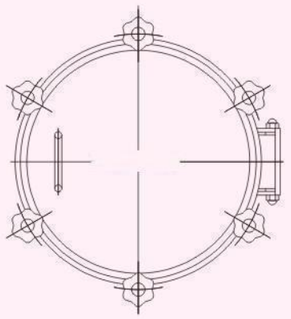
圆型压力人孔



技术参数 Technicaldata

金属材质 Material	与介质接触的部件 Contact with the media components	304, 316L
	不与介质接触的部件 Noncontact with the media components	304
密封材质 Seal material	标配 standard	Si
	选配 option	EPDM 、 NBR 、 FKM
	采用进口密封材料，所有密封材质均符合 FDA 21 CFR 177.2600 All seal materis comply with FDA 21 CFR 177.2600	
温度 Temperature	工作温度 Working temperature	-10~+120 ℃
压力 Pressure	工作压力 Working pressure	1.0bar
	承受压力 Under pressure	1.75bar
表面处理 Surface treatment	内表面处理 Internal surface	Ra ≤ 0.8-0.5Um
	外表面处理 External surface	镜面抛光，哑光，喷砂处理 Mirror polished, Matt, sandblasting





GRKA

Size	D	T	H	T_1	手轮数量
200	206	3.0	100	3.0	4
300	306	3.0	100	3.0	4
350	356	3.0	100	3.0	5
400	406	3.0	100	3.0	6
430	436	3.0	100	3.0	6
450	456	3.0	100	3.0	6
500	508	4.0	100	3.0	6
600	608	4.0	100	4.0	6

高度 (H) 和颈圈厚度 (T) 及盖子厚度 (T_1) 可根据您的需求定制。
Height (H) and the collar (T) and cover thickness thickness (T_1) can be customized according to your needs.

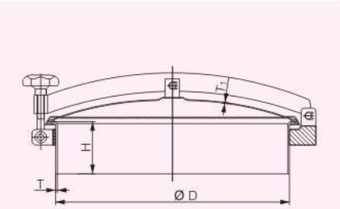
Circular pressure manhole

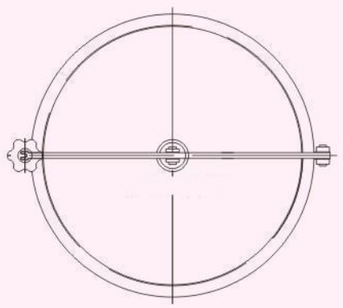
圆型常压人孔



技术参数 Technicaldata

金属材质 Material	与介质接触的部件 Contact with the media components	304, 316L
	不与介质接触的部件 Noncontact with the media components	304
密封材质 Seal material	标配 standard	Si
	选配 option	EPDM 、 NBR 、 FKM
	采用进口密封材料，所有密封材质均符合 FDA 21 CFR 177.2600 All seal materis comply with FDA 21 CFR 177.2600	
温度 Temperature	工作温度 Working temperature	-10~+120 ℃
压力 Pressure	工作压力 Working pressure	1.0bar
	承受压力 Under pressure	0.175bar
表面处理 Surface treatment	内表面处理 Internal surface	Ra ≤ 0.8-0.5Um
	外表面处理 External surface	镜面抛光，哑光，喷砂处理 Mirror polished, Matt, sandblasting





GRKB

Size	D	T	H	T1	
200	200	2.5	100	2.0	
300	300	2.5	100	2.0	
350	350	2.5	100	2.0	
400	400	3.0	100	2.5	
430	430	3.0	100	2.5	
450	450	3.0	100	2.5	
500	500	3.0	100	2.5	
600	600	4.0	100	2.5	

高度 (H) 和颈圈厚度 (T) 及盖子厚度 (T_1) 可根据您的需求定制。
Height (H) and the collar (T) and cover thickness thickness (T1) can be customized according to your needs.

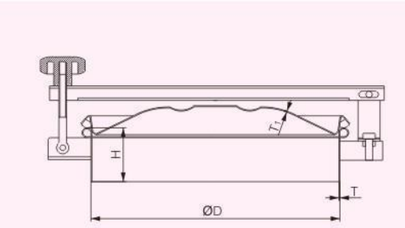
Circular pressure manhole (upper seal)

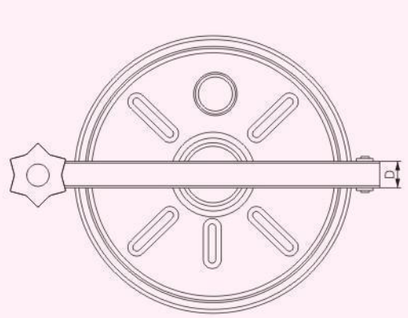
圆型常压人孔（上部密封）



技术参数 Technicaldata

金属材质 Material	与介质接触的部件 Contact with the media components	304, 316L
	不与介质接触的部件 Noncontact with the media components	304
密封材质 Seal material	标配 standard	Si
	选配 option	EPDM 、 NBR 、 FKM
	采用进口密封材料，所有密封材质均符合 FDA 21 CFR 177.2600 All seal materis comply with FDA 21 CFR 177.2600	
温度 Temperature	工作温度 Working temperature	-10~+120 ℃
压力 Pressure	工作压力 Working pressure	0.4bar
	承受压力 Under pressure	0.7bar
表面处理 Surface treatment	内表面处理 Internal surface	Ra ≤ 0.8-0.5Um
	外表面处理 External surface	镜面抛光，哑光，喷砂处理 Mirror polished, Matt, sandblasting





GRKC

Size	D	T	H	T1	
300	305	2.5	100	2.5	
350	355	2.5	100	2.5	
400	406	3.0	100	3.0	
450	456	3.0	100	3.0	
500	506	3.0	100	3.0	
600	508	4.0	100	3.0	

高度 (H) 和颈圈厚度 (T) 及盖子厚度 (T_1) 可根据您的需求定制。
Height (H) and the collar (T) and cover thickness thickness (T1) can be customized according to your needs.

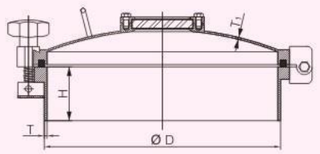
Circular atmospheric saccharification manhole

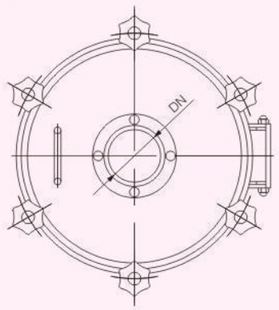
圆型常压糖化人孔



技术参数 Technicaldata

金属材质 Material	与介质接触的部件 Contact with the media components	304, 316L
	不与介质接触的部件 Noncontact with the media components	304 (1.4301)
密封材质 Seal material	标配 standard	Si
	选配 option	EPDM 、 NBR 、 FKM
	采用进口密封材料，所有密封材质均符合 FDA 21 CFR 177.2600 All seal materis comply with FDA 21 CFR 177.2600	
温度 Temperature	工作温度 Working temperature	-10~+120 ℃
压力 Pressure	工作压力 Working pressure	0.2bar
	承受压力 Under pressure	0.35bar
表面处理 Surface treatment	内表面处理 Internal surface	Ra ≤ 0.8-0.5Um
	外表面处理 External surface	镜面抛光，哑光，喷砂处理 Mirror polished, Matt, sandblasting





GRKD

Size	D	T	H	T1	DN
350	355	2.5	100	2.5	80
400	406	3.0	100	3.0	100
450	456	3.0	100	3.0	125
500	506	3.0	100	3.0	150
600	608	4.0	100	3.0	200

高度 (H) 和颈圈厚度 (T) 及盖子厚度 (T_1) 可根据您的需求定制。
Height (H) and the collar (T) and cover thickness thickness (T1) can be customized according to your needs.

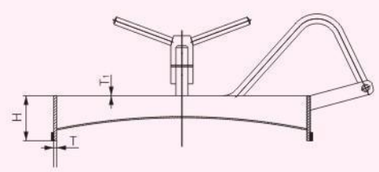
The inner open elliptical manhole

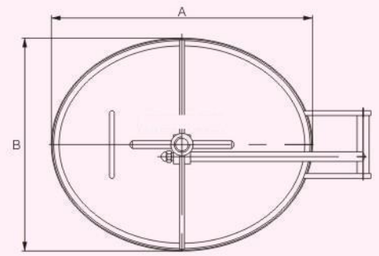
内开式椭圆人孔



技术参数 Technicaldata

金属材质 Material	与介质接触的部件 Contact with the media components	304, 316L
	不与介质接触的部件 Noncontact with the media components	304
密封材质 Seal material	标配 standard	Si
	选配 option	EPDM 、 NBR 、 FKM
	采用进口密封材料，所有密封材质均符合 FDA 21 CFR 177.2600 All seal materis comply with FDA 21 CFR 177.2600	
温度 Temperature	工作温度 Working temperature	-10~+120 ℃
压力 Pressure	工作压力 Working pressure	1.0bar
	承受压力 Under pressure	1.75bar
表面处理 Surface treatment	内表面处理 Internal surface	Ra ≤ 0.8-0.5Um
	外表面处理 External surface	镜面抛光，哑光，喷砂处理 Mirror polished, Matt, sandblasting





GRKE

Size	AxB	T	H	T1	
430*330	430x330	8.0	75	2.5	
435*335	435x335	10.0	75	2.5	
450*350	450x350	8.0	75	3.0	
530*430	530x430	10.0	75	3.0	
535*435	535x435	12.0	75	3.0	
635*525	635x525	12.0	80	3.0	

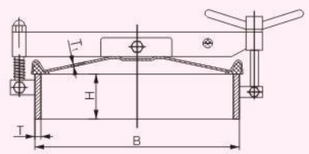
高度 (H) 和颈圈厚度 (T) 及盖子厚度 (T_1) 可根据您的需求定制。
Height (H) and the collar (T) and cover thickness thickness (T1) can be customized according to your needs.

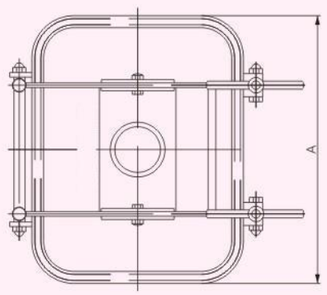
Double lock square manhole
双锁方型人孔



技术参数 Technicaldata

金属材质 Material	与介质接触的部件 Contact with the media components	304, 316L
	不与介质接触的部件 Noncontact with the media components	304
密封材质 Seal material	标配 standard	Si
	选配 option	EPDM 、 NBR 、 FKM
	采用进口密封材料，所有密封材质均符合 FDA 21 CFR 177.2600 All seal materis comply with FDA 21 CFR 177.2600	
温度 Temperature	工作温度 Working temperature	-10~+120 ℃
压力 Pressure	工作压力 Working pressure	1.0bar
	承受压力 Under pressure	1.75bar
表面处理 Surface treatment	内表面处理 Internal surface	Ra ≤ 0.8-0.5Um
	外表面处理 External surface	镜面抛光，哑光，喷砂处理 Mirror polished, Matt, sandblasting





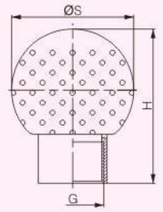
GRKF

Size	AxB	T	H	T_1	
235*185	235x185	5.0	70	2.0	
435*335	435x335	8.0	80	3.0	
535*435	535x435	8.0	100	3.0	
700*500	700x500	12.0	100	3.0	

高度 (H) 和颈圈厚度 (T) 及盖子厚度 (T_1) 可根据您的需求定制。
Height (H) and the collar (T) and cover thickness thickness (T1) can be customized according to your needs.

Cleaning ball
清洗球

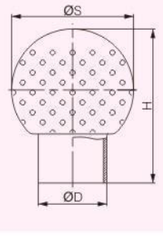
内螺纹固定清洗球
Internal thread fixed cleaning ball



GQD15

Size/DN	G	S	H		
20	3/4"	45	70		
25	1"	53	76		
32	1¼"	63	82		
40	1½"	76	98		
50	2"	91	117		

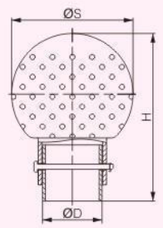
焊接式固定清洗球
Weld fixed cleaning ball



GQD65

Size(Inch)	D	S	H		
3/4	19.05	45	70		
1	25.4	53	76		
1 1/4	31.8	63	82		
1 1/2	38.1	76	98		
2	50.8	91	117		

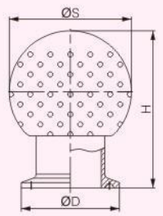
插销式固定清洗球
Bolt fixed cleaning ball



GQD75

Size(Inch)	D	S	H		
3/4	19.05	45	80		
1	25.4	53	86		
1 1/4	31.8	63	92		
1 1/2	38.1	76	112		
2	50.8	91	132		

卡箍式固定清洗球
Clamp fixed cleaning ball

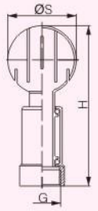


GQD85

Size(Inch)	D	S	H		
3/4	25.4	45	75		
1	50.5	53	78		
1 1/4	50.5	63	84		
1 1/2	50.5	76	101		
2	64.0	91	120		

Cleaning ball
清洗球

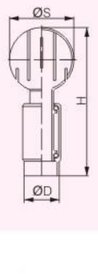
内螺纹旋转清洗球
Internal thread rotary cleaning ball



GQZ15

Size/DN	G	S	H		
20	3/4"	40	135		
25	1"	45	148		
2	1¼"	53	160		
40	1½"	63	175		
50	2"	76	192		

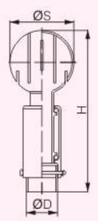
焊接式旋转清洗球
Weld rotary cleaning ball



GQZ65

Size(Inch)	D	S	H		
1	25.4	45	142		
1 1/4	31.8	53	155		
1 1/2	38.1	63	168		
2	50.8	76	185		

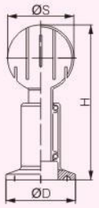
插销式旋转清洗球
Latch rotating cleaning ball



GQZ75

Size(Inch)	D	S	H		
1	25.4	45	152		
1 1/4	31.8	53	165		
1 1/2	38.1	63	180		
2	50.8	76	198		

卡箍式旋转清洗球
Clamp rotary cleaning ball



GQZ85

Size(Inch)	D	S	H		
1	50.5	45	148		
1 1/4	50.5	53	160		
1 1/2	50.5	63	175		
2	64.0	76	192		

Attached table
附表

不锈钢化学成分与力学性能 Chemical composition and mechanics property

	钢种	化学成分 Chemical composition								力学性能 Mechanics property			
		C ≤	Si ≤	Mn ≤	P ≤	S ≤	Cr ≤	Mo	Ni	σS 0.2 (MPa)≥	σb (MPa)≥	δ5%	Hb≤
(GB)	0Cr18Ni9	0.07	1.0	2.0	0.035	0.030	17.0–19.0	/	8.0–11	205	520	40	187
	00Cr19Ni10	0.03	1.0	2.0	0.035	0.030	18.0–20.0	/	8.0–12	177	480	40	187
	0Cr17Ni12Mo2	0.08	1.0	2.0	0.035	0.030	16.0–18.5	2.0–3.0	10–14	205	520	40	187
	00Cr17Ni4Mo2	0.03	1.0	2.0	0.035	0.030	16.0–18.0	2.0–3.0	12–15	177	480	40	187
(ASTM)	304	0.08	1.0	2.0	0.045	0.030	18.0–20.0	/	8.0–11.5	205	515	35	187
	304L	0.035	1.0	2.0	0.045	0.030	18.0–20.0	/	8.0–12	170	485	35	187
	316	0.08	1.0	2.0	0.045	0.030	16.0–18.0	2.0–3.0	10–14	205	515	35	187
	316L	0.035	1.0	2.0	0.045	0.030	16.0–18.0	2.0–3.0	10–14	170	485	35	187
(JIS)	SUS304	0.08	1.0	2.0	0.045	0.030	18.0–20.0	/	8.0–11	206	520	35	187
	SUS304L	0.03	1.0	2.0	0.045	0.030	18.0–20.0	/	9.0–13	170	481	35	187
	SUS316	0.08	1.0	2.0	0.045	0.030	16.0–18.0	2.0–3.0	10–14	206	520	35	187
	SUS316L	0.03	1.0	2.0	0.045	0.030	16.0–18.0	2.0–3.0	12–15	177	481	35	187
(DIN)	1.4301	0.07	1.0	2.0	0.045	0.015	17.5–19.5	/	8.0–10.5	205	520	40	187
	1.4307	0.03	1.0	2.0	0.045	0.015	17.5–19.5	/	8.0–10.5	180	480	40	187
	1.4401	0.07	1.0	2.0	0.045	0.015	16.5–18.5	2.0–3.0	10–13	205	520	40	187
	1.4404	0.03	1.0	2.0	0.045	0.015	16.5–18.5	2.0–3.0	10–13	180	480	40	187

密封材料之物性表 Seal physical characteristics table

材料名称 Material name / 物性等级 Physical level / 物性要求 Physical requirement	丁氰橡胶 NBR(N)	三元乙丙橡胶 EPDM(E)	硅矽橡胶 SI(S)	氟素橡胶 FKM(V)	聚四氟乙烯 PTFE(F)	对位聚苯酚 PPL(FP)
抗臭氧性 Ozone resistance	△	◎	◎	◎	◎	◎
耐候性 Weatherability	△	◎	◎	◎	◎	◎
耐热性 Heat resistance	120 ℃	150 ℃	220 ℃	200 ℃	280 ℃	400 ℃
耐化学药品性 Chemical resistance	○ △	◎	◎ ○	◎	◎	◎
耐油性 Oil resistance	◎	×	○ △	◎	◎	◎
密水性 Water tightness	○	◎	○	○	◎	◎
耐寒性 Cold resistance	−40 ℃	−50 ℃	−70 ℃	−20 ℃	−100 ℃	−250 ℃
耐磨损性 Abrasion resistance	○	○	×	◎ ○	◎	◎
抗变形性 Deformation resistance	◎ ○	◎ ○	◎	○	×	×
耐酸性 Acid resistance	△	◎ ○	△	◎	◎	◎
耐碱性 Alkali resistance	○	◎	△	◎ ○	◎	◎
张力强度 Tension strength	◎ ○	◎ ○	×	◎ ○	△ ×	△ ×
耐水蒸汽性 Steam resistance	○ △	◎ ○	○ △	○ △	○	○
抗燃性 Flame resistance	×	×	×	◎	◎	◎
储存稳定性 (Y= 年) Storage stability(Y=years)	5–10Y	5–10Y	ABT20Y	ABT20Y	ABT20Y	ABT20Y

图标说明：◎特佳 ○佳 △普通 ×差　The icon shows: ◎ Excellent ○ Good △ OK × Poor