

人孔 Manhole

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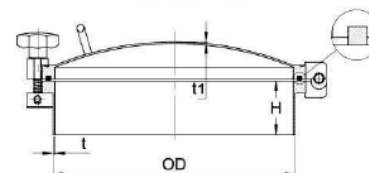


WZA 圆型压力人孔 Round Outward Manway With Pressure



订购指南 How To Order

型号 Type	规格 Size	材质 Material	内表面处理 Inner Surf.	外表面处理 Outer Surf.
WZA	400	304	0.8 μ m-0.4 μ m	亚光 Matte
数量 Qty	手轮数量 Handwheel-Num	高度 Height	密封材质 Gasket	承受压力 Pressure
20	6个塑料手轮 6 Plastic	100mm	硅胶 Silicone	1-3bar



Size	OD mm	t mm	l1 mm	t1 mm	手轮数量 Handwheel- Num	Pres (Bar)
200	206	3	100	3	4	1-3
300	306	3	100	3	4	1-3
350	356	3	100	3	5	1-3
400	406	3	100	3	6	1-3
430	436	3	100	3	6	1-3
450	456	3	100	3	6	1-3
500	508	4	100	3	6	1-3
600	608	4	100	4	6	1-3

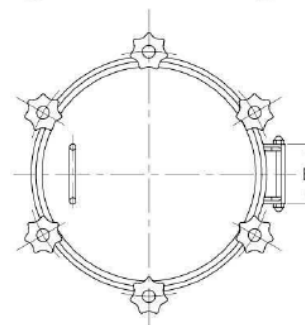
高度 (H) 和颈圈 (t) 及盖子 (t1), 可根据您的需求定制。
Height (H) and Frame (t) and cover (t1) can be changed according to your requirement.

特点:

- 密封材质: 硅胶, 三元乙丙, 丁腈, 氟橡胶符合 FDA177.2600;
- 材质: 304(1.4301), 316L(1.4404)
- 内表面处理: 0.8 μ m-0.4 μ m
- 外表面处理: 镜面抛光, 亚光, 喷砂处理。

Feature:

- Gasket: Silicone/EPDM/NBR/FFM in accordance with FDA 177.2600.
- Material: 304(1.4301), 316L(1.4404)
- Internal surface: 0.8 μ m-0.4 μ m
- Outside surface: Mirror polished, Matte, sand-blasting finished.

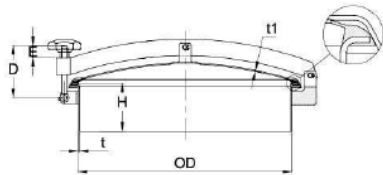


MLB 圆型常压人孔
Round Outward Manway



订购指南
How To Order

型号 Type	规格 Size	材质 Material	内表面处理 Inner Surf.	外表面处理 Outer Surf.
MLB	400	304	0.8μm-0.4μm	亚光 Matte
数量 Qty	手轮数量 Handwheel- Num	高度 Height	密封材质 Gasket	承受压力 Pressure
20	1个塑料手轮 1 Plastic	100mm	硅胶 Silicone	0-0.1 bar



Size	OD mm	t mm	H mm	t1 mm	Pres (Bar)
200	200	2.5	100	2	0-0.1
218	218	2.5	100	2	0-0.1
300	300	2.5	100	2	0-0.1
350	350	2.5	100	2	0-0.1
400	400	3	100	2.5	0-0.1
430	430	3	100	2.5	0-0.1
450	450	3	100	2.5	0-0.1
500	500	3	100	2.5	0-0.1
600	600	4	100	3	0-0.1
420X300 (Oval-椭圆)	420X300	3	100	2.5	0-0.1

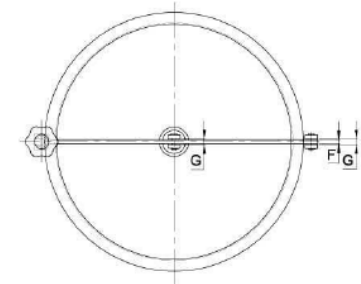
高度(H)和颈圈(t)及盖子(t1)可根据您的需求定制,可另加视镜。
Height(H) and Frame (t) and cover (t1) can be changed according to your requirement, also include sight glass.

特点:

- 密封材质: 硅胶, 三元乙丙, 丁腈, 氟橡胶符合 FDA177.2600;
- 材质: 304(1.4301), 316L(1.4404)
- 内表面处理: 0.8 μm-0.4 μm
- 外表面处理: 镜面抛光, 亚光, 喷砂处理。

Feature:

- Gasket: Silicone/EPDM/NBR/FPM in accordance with FDA 177.2600.
- Material: 304(1.4301), 316L(1.4404)
- Internal surface: 0.8μm-0.4μm
- Outside surface: Mirror polished, Matte, sand-blasting finished.

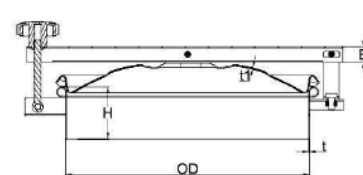


MLB-B 圆型常压人孔 (上部密封)
Round Outward Manway (Upper Seal)



订购指南
How To Order

型号 Type	规格 Size	材质 Material	内表面处理 Inner Surf.	外表面处理 Outer Surf.
MLB-B	400	304	0.8μm-0.4μm	0.8μm-0.4μm
数量 Qty	手轮数量 Handwheel- Num	高度 Height	密封材质 Gasket	承受压力 Pressure
20	1个塑料手轮 1 Plastic	100mm	硅胶 Silicone	0-1bar



Size	OD mm	t mm	H mm	t1 mm	Pres (Bar)
300	304	2	100	1.5	0-1
350	354	2	100	1.5	0-1
430	434	2	100	1.5	0-1
450	454	2	100	1.5	0-1
500	504	2	100	1.5	0-1

高度(H)和颈圈(t)及盖子(t1)可根据您的需求定制。
Height(H) and Frame (t) and cover (t1) can be changed according to your requirement.

特点:

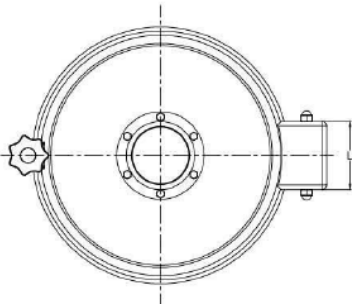
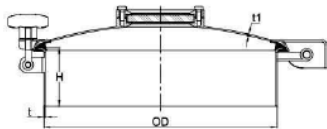
- 密封材质: 硅胶, 三元乙丙, 丁腈, 氟橡胶符合 FDA177.2600;
- 材质: 304(1.4301), 316L(1.4404)
- 内表面处理: 0.8 μm-0.4 μm
- 外表面处理: 镜面抛光, 亚光, 喷砂处理。

Feature:

- Gasket: Silicone/EPDM/NBR/FPM in accordance with FDA 177.2600.
- Material: 304(1.4301), 316L(1.4404)
- Internal surface: 0.8μm-0.4μm
- Outside surface: Mirror polished, Matte, sand-blasting finished.



MLB-C 圆型常压糖化人孔
Round Manway With Sight Glass



订购指南
How To Order

型号 Type	规格 Size	材质 Material	内表面处理 Inner Surf.	外表面处理 Outer Surf.
MLB-C	400	304	0.8μm-0.4μm	亚光 Matte
数量 Qty	手轮数量 Handwheel-Num	高度 Height	密封材质 Gasket	承受压力 Pressure
20	1个塑料手轮 1 Plastic	100mm	硅胶 Silicone	0-0.2bar

Size	OD mm	t mm	H mm	t1 mm	视镜 Sight Glass	Pres (Bar)
350	365	2.5	100	2.5	DN80	0-0.2
400	408	3	100	3	DN100	0-0.2
450	456	3	100	3	DN150	0-0.2
500	506	3	100	3	DN200	0-0.2
600	608	4	100	3	DN400/500	0-0.2

高度 (H) 和颈圈 (t) 及盖子 (t1) 可根据您的需求定制。
Height (H) and Frame (t) and cover (t1) can be changed according to your requirement.

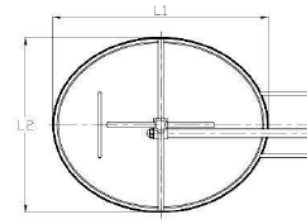
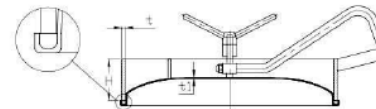
特点:

- 密封材质: 硅胶, 三元乙丙, 丁腈, 氟橡胶符合 FDA177.2600;
- 材质: 304(1.4301), 316L(1.4404)
- 内表面处理: 0.8 μm-0.4 μm
- 外表面处理: 镜面抛光, 亚光, 喷砂处理。

Feature:

- Gasket: Silicone/EPDM/NBR/FPM in accordance with FDA 177.2600.
- Material: 304(1.4301), 316L(1.4404)
- Internal surface: 0.8μm-0.4μm
- Outside surface: Mirror polished, Matte, sand-blasting finished.

MLC 内开式椭圆人孔
Oval Inward Manway



订购指南
How To Order

型号 Type	规格 Size	材质 Material	内表面处理 Inner Surf.	外表面处理 Outer Surf.
MLC	430X330	304	0.8μm-0.4μm	亚光 Matte
数量 Qty	手轮数量 Handwheel-Num	高度 Height	密封材质 Gasket	承受压力 Pressure
20	1个不锈钢 Y 型手轮 1 Y stainless steel	75mm	硅胶 Silicone	1-3bar

Size	OD mm L1*L2	t mm	H mm	t1 mm	Pres (Bar)
430*330	430*330	8	75	2.5	1-3
435*335	435*335	10	75	2.5	1-3
450*360	450*360	8	75	3	1-3
530*430	530*430	10	75	3	1-3
535*435	535*435	12	75	3	1-3
635*525	635*525	12	80	3	1-3

高度 (H) 和颈圈 (t) 及盖子 (t1) 可根据您的需求定制。

Height (H) and Frame (t) and cover (t1) can be changed according to your requirement.

特点:

- 密封材质: 硅胶, 三元乙丙, 丁腈, 氟橡胶符合 FDA177.2600;
- 材质: 304(1.4301), 316L(1.4404)
- 内表面处理: 0.8 μm-0.4 μm
- 外表面处理: 镜面抛光, 亚光, 喷砂处理。

Feature:

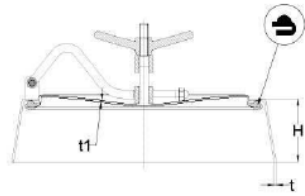
- Gasket: Silicone/EPDM/NBR/FPM in accordance with FDA 177.2600.
- Material: 304(1.4301), 316L(1.4404)
- Internal surface: 0.8μm-0.4μm
- Outside surface: Mirror polished, Matte, sand-blasting finished.

MLC-B 内开式带斜边椭圆人孔
Oval Inward Manway With Bevel Edge



订购指南
How To Order

型号 Type	规格 Size	材质 Material	内表面处理 Inner Surf.	外表面处理 Outer Surf.
MLC-B	580X480	304	0.8μm-0.4μm	亚光 Matte
数量 Qty	手轮数量 Handwheel-Num	高度 Height	密封材质 Gasket	承受压力 Pressure
20	1个不锈钢 Y 型手轮 1 Y stainless steel	133mm	硅胶 Silicone	1-3bar



Size	OD mm	t1 mm	H mm	t2 mm	Pres (Bar)
550*450	550*450	3	80	4	1-3
550*450A	550*450	4	80	5	1-8
565*465	565*465	4	100	5	1-3
580*480	580*480	4	133	5	1-3

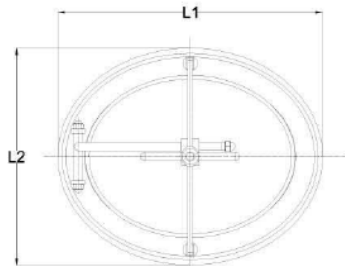
高度 (H) 和颈圈 (t) 及盖子 (t1) 可根据您的需求定制。
Height (H) and Frame (t) and cover (t1) can be changed according to your requirement.

特点:

- 密封材质: 硅胶, 三元乙丙, 丁腈, 氟橡胶符合 FDA177.2600;
- 材质: 304(1.4301), 316L(1.4404)
- 内表面处理: 0.8 μm-0.4 μm
- 外表面处理: 镜面抛光, 亚光, 喷砂处理。

Feature:

- Gasket: Silicone/EPDM/NBR/FPM in accordance with FDA 177.2600.
- Material: 304(1.4301), 316L(1.4404)
- Internal surface: 0.8 μm-0.4 μm
- Outside surface: Mirror polished, Matte, sand-blasting finished.

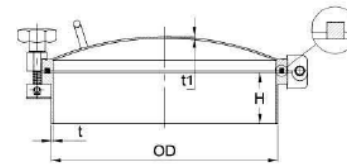


MLD 圆形带视镜压力人孔
Round Outward Manway With Sight Glass



订购指南
How To Order

型号 Type	规格 Size	材质 Material	内表面处理 Inner Surf.	外表面处理 Outer Surf.
MLD	450	304	0.8μm-0.4μm	亚光 Matte
数量 Qty	手轮数量 Handwheel-Num	高度 Height	密封材质 Gasket	承受压力 Pressure
20	6个塑料手轮 6 Plastic	100mm	硅胶 Silicone	1-3bar



Size	OD mm	t mm	H mm	t1 mm	视镜 Sight Glass	Pres (Bar)
200	206	3	100	3	DN80	1-3
300	306	3	100	3	DN80	1-3
350	356	3	100	3	DN80	1-3
400	406	3	100	3	DN80	1-3
430	436	3	100	3	DN80	1-3
450	456	3	100	3	DN80	1-3
500	506	4	100	3	DN100	1-3
600	606	4	100	4	DN100	1-3

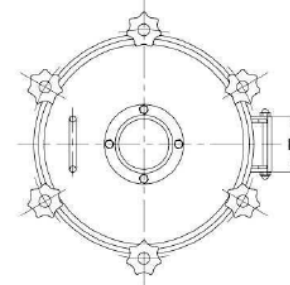
高度 (H) 和颈圈 (t) 及盖子 (t1) 可根据您的需求定制。
Height (H) and Frame (t) and cover (t1) can be changed according to your requirement.

特点:

- 密封材质: 硅胶, 三元乙丙, 丁腈, 氟橡胶符合 FDA177.2600;
- 材质: 304(1.4301), 316L(1.4404)
- 内表面处理: 0.8 μm-0.4 μm
- 外表面处理: 镜面抛光, 亚光, 喷砂处理。

Feature:

- Gasket: Silicone/EPDM/NBR/FPM in accordance with FDA 177.2600.
- Material: 304(1.4301), 316L(1.4404)
- Internal surface: 0.8 μm-0.4 μm
- Outside surface: Mirror polished, Matte, sand-blasting finished.

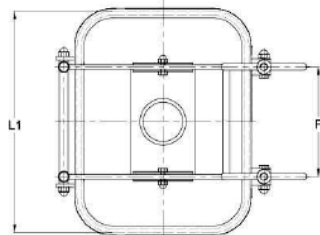
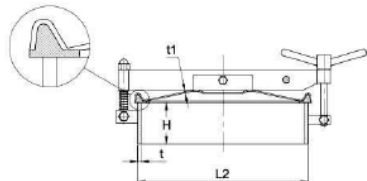


MLE 双锁方型人孔 Rectangular Manway With Two Intersectant Arms



订购指南 How To Order

型号 Type	规格 Size	材质 Material	内表面处理 Inner Surf.	外表面处理 Outer Surf.
MLE	435X335	304	0.8µm-0.4µm	0.8µm-0.4µm
数量 Qty	手轮数量 Handwheel-Num	高度 Height	密封材质 Gasket	承受压力 Pressure
20	2个不锈钢 Y 型手轮 2 Y stainless steel	80mm	硅胶 Silicone	1-3bar



Size	OD mm L1*L2	t mm	H mm	t1 mm	Pres (Bar)
235*195	235*195	5	70	1.5	1-3
435*335	435*335	8	80	3	1-3
535*435	535*435	8	100	3	1-3
700*500	700*500	12	100	3	1-3

高度 (H) 和颈圈 (t) 及盖子 (t1) 可根据您的需求定制。
Height (H) and Frame (t) and cover (t1) can be changed according to your requirement.

特点:

- 密封材质: 硅胶, 三元乙丙, 丁腈, 氟橡胶符合 FDA177.2600;
- 材质: 304(1.4301), 316L(1.4404)
- 内表面处理: 0.8µm-0.4µm
- 外表面处理: 镜面抛光, 亚光, 喷砂处理。

Feature:

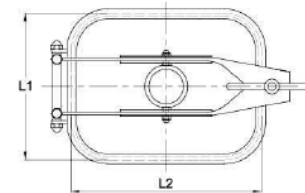
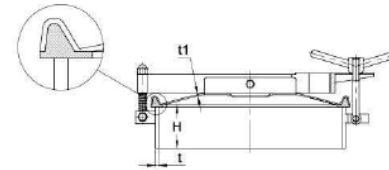
- Gasket: Silicone/EPDM/NBR/FPM in accordance with FDA 177.2600.
- Material: 304(1.4301), 316L(1.4404)
- Internal surface: 0.8µm-0.4µm
- Outside surface: Mirror polished, Matte, sand-blasting finished.

MLE-B 单锁方型人孔 Rectangular Manway With One Intersectant Arms



订购指南 How To Order

型号 Type	规格 Size	材质 Material	内表面处理 Inner Surf.	外表面处理 Outer Surf.
MLE-B	435X335	304	0.8µm-0.4µm	0.8µm-0.4µm
数量 Qty	手轮数量 Handwheel-Num	高度 Height	密封材质 Gasket	承受压力 Pressure
20	1个不锈钢 Y 型手轮 1 Y stainless steel	80mm	硅胶 Silicone	1-3bar



Size	OD mm L1*L2	t mm	H mm	t1 mm	Pres (Bar)
235*195	235*195	5	70	1.5	1-3
435*335	435*335	8	80	3	1-3
535*435	535*435	8	100	3	1-3
700*500	700*500	12	100	3	1-3

高度 (H) 和颈圈 (t) 及盖子 (t1) 可根据您的需求定制。
Height (H) and Frame (t) and cover (t1) can be changed according to your requirement.

特点:

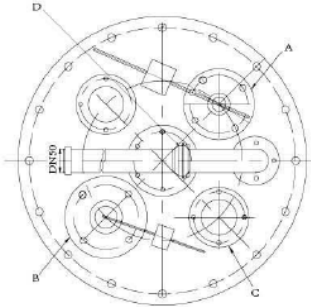
- 密封材质: 硅胶, 三元乙丙, 丁腈, 氟橡胶符合 FDA177.2600;
- 材质: 304(1.4301), 316L(1.4404)
- 内表面处理: 0.8µm-0.4µm
- 外表面处理: 镜面抛光, 亚光, 喷砂处理。

Feature:

- Gasket: Silicone/EPDM/NBR/FPM in accordance with FDA 177.2600.
- Material: 304(1.4301), 316L(1.4404)
- Internal surface: 0.8µm-0.4µm
- Outside surface: Mirror polished, Matte, sand-blasting finished.



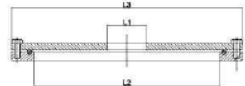
MLZ-2S 罐顶安全卫生组件
Tank-top Safety Sanitary Assembly



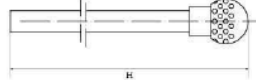
法兰组合-1
Flange combination-1



法兰组合-2
Flange combination-2



CIP 洗涤管
CIP Cleaning Tube



- A: 圆锥式排气阀 Pressure Relief Valve [ZP45X-1.5P]
- B: 圆锥式防止真空阀 Anti-Vacuum Valve [FK45X-1.5P]
- C: 法兰视镜 Flange Glass
- D: 气液分离器、止回阀 Gas Liquid Shunt, Check Valve

Size	A	B	C	D	L1	L2	L3	t	H
DN500						500	600	20	
DN500A						500	620	20	
DN600	DN50	DN80	DN80	DN50	100/125	600	700	20	1200
DN600A						600	720	22	
DN600B						600	750	24	

圆锥式排气阀(A)、圆锥式防止真空阀(B)、法兰视镜(C)可根据您的需求定制。
Pressure Relief Valve (A), Anti-Vacuum Valve(B), Flange Glass(C), can be changed according to your requirement.

特点:

- 密封材质: 硅胶, 三元乙丙, 丁腈, 氟橡胶符合 FDA177.2600;
- 材质: 304(1.4301), 316L(1.4404)
- 内表面处理: 0.8 μm-0.4 μm
- 外表面处理: 镜面抛光, 亚光, 喷砂处理。

Feature:

- Gasket: Silicone/EPDM/NBR/FPM in accordance with FDA 177.2600.
- Material: 304(1.4301), 316L(1.4404)
- Internal surface: 0.8μm-0.4μm
- Outside surface: Mirror polished, Matte, sand-blasting finished.

罐顶安全卫生组件
Tank-top Safety Sanitary Assembly



卫生级罐顶组件 GAZ-1D 型
Sanitary tank-top assembly model GAZ-1D



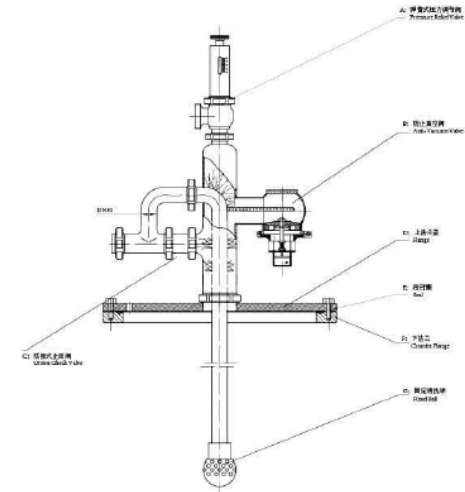
卫生级罐顶组件 GAZ-3D 型
Sanitary tank-top assembly model GAZ-3D



卫生级罐顶组件 GAZ-2D 型
Sanitary tank-top assembly model GAZ-2D



卫生级罐顶组件 GAZ-4D 型
Sanitary tank-top assembly model GAZ-4D



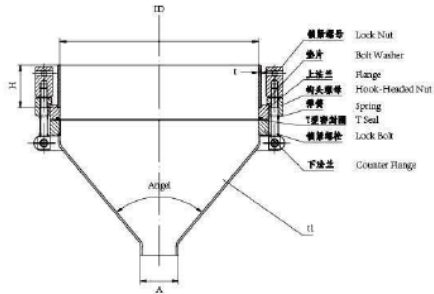
卫生级小锥体
Sanitary Small Cone of Tank



卫生级小锥体 SVB-1 型
Sanitary Small Cone of Tank Model SVB-1



卫生级小锥体 SVB-2 型
Sanitary Small Cone of Tank Model SVB-2



发酵罐小锥体外形尺寸列表:

规格	ID	A	H	Anglet	t	t1
450	450	DN80*100	100	60°/75°	6	4
500	500	DN80*100	100	60°/75°	6	4

Size	A	B	C	D	L1	L2	L3	t	H
DN500						500	600	20	
DN600A						500	620	20	
DN800	DN50	DN80	DN80	DN50	100/125	600	700	20	1200
DN600A						600	720	22	
DN600B						600	750	24	

重锤式排气阀 (A)、重锤式防止真空阀 (B)、法兰视镜 (C) 可根据您的需求定制。
Pressure Relief Valve (A), Anti-Vacuum Valve (B), Flange Glass (C), can be changed according to your requirement.

特点:

- 密封材质: 硅胶, 三元乙丙, 丁腈, 氟橡胶符合 FDA177.2600;
- 材质: 304(1.4301), 316L(1.4404)
- 内表面处理: 0.8 μm-0.4 μm
- 外表面处理: 镜面抛光, 亚光, 喷砂处理。

Feature:

- Gasket: Silicone/EPDM/NBR/FPM in accordance with FDA 177.2600.
- Material: 304(1.4301), 316L(1.4404)
- Internal surface: 0.8 μm-0.4 μm
- Outside surface: Mirror polished, Matte, sand-blasting finished.

不锈钢接管板
Stainless Steel Adapter Board



应用:

结构紧凑, 一个接管板可连接 3-10 个发酵罐; 连接方便, 既可进麦汁、出酒, 又可任意清洗大罐、回收 CO₂、加压, 还可清洗取样口等; 采用双层板结构, 方钢框架支撑, 连接弯管拆装方便; 采用进口 SUS304 不锈钢镜面板或亚光板制造, 既美观又卫生; 采用可调节高度的活动支脚, 管道安装方便; 管孔中心定位准确, 连接管尺寸精度高, 密封牢靠。

Applications:

Compact in structure, one adapter board can connect 3-10 fermentation tanks; easy to connect, it not only can feed beerwort and discharge beer, but also clean big tanks at will, retrieve CO₂, pressurize, and clean the sampling port etc.; it adopts double-layer board structure, supported by square steel frame, the connecting elbow is easy to install and dismantle; it adopts import SUS304 stainless steel mirror board or matte board, both beautiful and sanitary; adopt adjustable flexible support, it is easy to install for pipeline; accurately-positioned pipe hole center, connecting pipe with high-precision size, reliable in sealing.



罐用其它设备
Tank other Equipment



麦汁充氧装置 (带自动清洗)
Beerwort oxygen filling setting
(Automation was hes belt)



麦汁充氧装置
Beerwort oxygenation unit



麦汁检验台
Test desk of wheat juice

麦汁充氧器

麦汁充氧装置是啤酒工艺的一道重要工序，麦汁充氧的好坏直接影响到啤酒的质量，本公司可根据多年生产经验和用户意见最新设计出该套麦汁充氧装置。进出口规格有 DN65、DN80、DN100

Oxygen-charging

Beerwort oxygenation unit is a very important process in beer production. Results of oxygenation of beer will direct affect beer quality. This set of oxygenation unit is designed by our company based on several production experience and users' suggestions. With import and export specifications DN65, DN80, DN100



阀门
Valve

无菌隔膜阀 Aseptic Diaphragm Valve

换



应用

- 无菌隔膜阀既可通过一个气动头进行遥控操作，也可以通过一个手柄进行手动操作。非常适用于管道流体的控制和开/关的任务。广泛应用于卫生级的啤酒、乳制品，饮料等食品工业中以及无菌工况的制药领域。

Applications

- Aseptic Diaphragm Valve is either remote-controlled by means of an actuator or manually operated by means of a handle, which structure is advantageous to control fluid. It is widely applicable to pharmacy, dairy, beverage and brewing etc.

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。
- 隔膜阀开启和关闭是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形成导通状态。当阀杆由上往下运动时带动阀芯使膜片弯曲，被迫膜片紧贴阀座区域，关闭了管道流体通向路径。
- 该阀门可手动操作，也可气动操作，还可以通过智能控制器控制。

Operating Principles

- The tight mate of valve body and diaphragms make sure absolute isolation between internal environment and external environment of pipeline, so it is applicable to the aseptic process.
- The up and down movement of stem cause valve to open or close. When stem moves to up, diaphragms naturally curve upwards and separate from seat, valve open. When stem moves from top to low, diaphragms curve and cling to seat, valve close.
- There are three operation methods: manual, pneumatic or intelligent controller.



表面光洁度

- 现代化，设计合理的工作场所和训练有素的专业人员为我们加工高质量的阀体表面提供了保证。不同的使用要求，可以通过打磨，抛光，电抛光或电解得以实现。表面光洁度可从 6.3 μm 到 0.25 μm。
- 为保证产品质量，所有的打磨和抛光工作都由 MKB 公司自行完成。

Surface Finish

- Modern, well-designed and well-trained professionals in the workplace for our high-quality processing of the body surface to provide a guarantee. Different requirements, through grinding, polishing, electro-polishing or electrolysis can be achieved. Surface finish from 6.3um to 0.25um.
- To ensure product quality, all of the grinding and polishing work completed by the company's own MKB.

阀门表面光洁度等级 (按照 DIN4768 标准) Valve surface finishing grade (according to DIN4768 standard)		代码 Code
Ra ≤ 6.3 μm	内外表面玻璃珠喷射 Inner and outer surface of the glass bead blast	1500
Ra ≤ 6.3 μm	内外表面电抛光 Inner and outer surfaces electropolished	1509
Ra ≤ 0.8 μm	内外表面机械抛光, 外表面玻璃珠喷射 Mechanical polishing inside and outside surfaces of the outer surface of the glass bead blasting	1502
Ra ≤ 0.8 μm	内外表面电抛光 Inner and outer surfaces electropolished	1503
Ra ≤ 0.6 μm	内外表面机械抛光, 外表面玻璃珠喷射 Mechanical polishing inside and outside surfaces of the outer surface of the glass bead blasting	1507
Ra ≤ 0.6 μm	内外表面电抛光 Inner and outer surfaces electropolished	1508
Ra ≤ 0.4 μm	内外表面机械抛光, 外表面玻璃珠喷射 Mechanical polishing inside and outside surfaces of the outer surface of the glass bead blasting	1536
Ra ≤ 0.4 μm	内外表面电抛光 Inner and outer surfaces electropolished	1537
Ra ≤ 0.25 μm	内外表面机械抛光, 外表面玻璃珠喷射 Mechanical polishing inside and outside surfaces of the outer surface of the glass bead blasting	1527
Ra < 0.25 μm	内外表面电抛光 Inner and outer surfaces electropolished	1516

制药、食品和生物技术专用隔膜一览表

List of special membrane pharmaceutical, food and biotechnology

隔膜尺寸 Diaphragm size	材质代码 Material code	FDA	流体介质 Fluid medium	高温蒸汽消毒 High-temperature steam sterilization	USP27	压块固定 Briquetting fixed
8	FPDM	177.2600	90°C	150°C /40min ₁	是	通过橡胶， 卡箍连接将隔膜固定压块上。 By rubber clamp connection on the diaphragm fixed clamps.
	EPDM	177.2600	90°C	150°C /40min ₁	是	
10-80	PTFE/EPDM kaschiert PTFE/EPDM bonded	177.1550/21	90°C	150°C /40min ₁		
	EPDM	177.2600	90°C	130°C /40min ₁		
	EPDM	177.2600	90°C	150°C /40min ₁	是	通过金属阀杆，螺纹连接， 将隔膜固定的压块上。 Through the metal valve stem, screwing, fixed on the diaphragm compacts
25-80	EPDM16(DN 10-DN 50)	177.2600	90°C	150°C /40min ₁	是	
	PTFE/EPDM kaschiert PTFE/EPDM bonded	177.1550/21	90°C	150°C /40min ₁		
	PTFE/EPDM (13),2-tlg./2pc	177.1550/21	90°C	150°C /60min ₂	是	通过金属阀杆，熔结于 PTFE 保护膜上，螺纹连接，将隔膜 固定的压块上
100	PTFE/Silicon,2-tlg./2pc	177.1550/21	90°C	160°C /60min ₂	是	Through the metal valve stem, sintered PTFE protective film on, screwing, fixed on the diaphragm compacts
	EPDM	177.2600	90°C	130°C /40min ₁		
	EPDM	177.2600	90°C	150°C /40min ₁	是	通过金属阀杆，螺纹连接， 将隔膜固定的压块上。 Through the metal valve stem, screwing, fixed on the diaphragm compacts
	PTFE/EPDM kaschiert PTFE/EPDM bonded	177.1550/21	90°C	150°C /40min ₁		

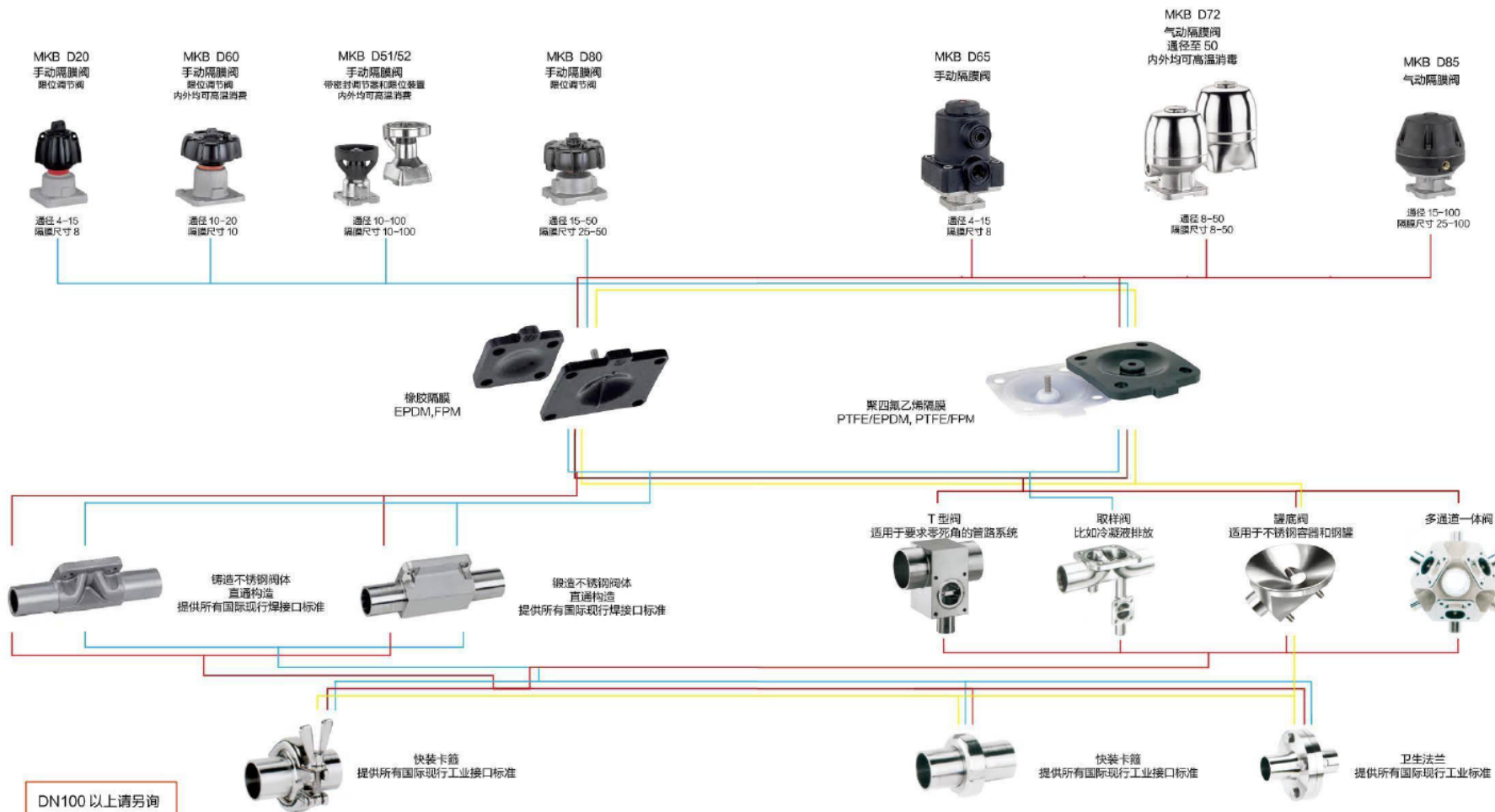
* 高温请另询

1. 最大为 40 分钟每小时，因为高温会缩短隔膜寿命
2. 持续工作温度

* Please separate inquiry temperature

1. Maximum of 40 minutes per hour, as high temperatures will shorten the life of the diaphragm
2. The continuous operating temperature

系统阀门技术
Advanced Modular Valve Systems



焊接接口标准 Butt Weld Connections

卫生级隔膜阀系列中 ISO 标准焊接接口为标准接口。此外还有一系列其它标准的焊接接口如 DIN 标准、DIN 11850 标准系列 1、DIN 11850 标准系列 2、DIN 11850 标准系列 3、BS—ODTubing) 标准, ASME—BPE, JIS 和 SMS3008 标准可供选择。

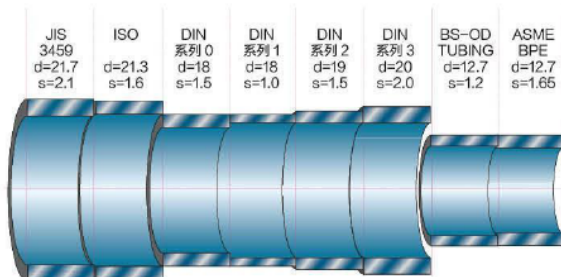
焊接口的安装长度是根据焊接时所需空间决定的。下表给出的安装长度能够保证阀体顺利卡在自动焊接机器上。为了达到良好的焊接效果, 我们建议客户使用自动焊接机和专业焊工。

ISO sanitary standard diaphragm valve series welding interface is a standard interface. In addition to a series of other standard welding interface such as DIN standard, DIN 11850 standard series 1, series 2, DIN 11850 standard DIN 11850 standard series 3, BS ODTubing) standard, ASME - BPE, JIS and SMS3008 standards for selection.

Install the length of welding interface is required to decide according to the space by the welding. The installation length are given in the following table can ensure the smooth body card is installed in the automatic welding machine. In order to achieve good welding effect, we suggest that customers using automatic welding machine and professional welder.

焊接口	代码
DIN 标准焊接	01
DIN11850 系列 1	02
DIN11850 系列 2	03
DIN11850 系列 3	04
JIS-G 3447 标准	05
JIS-G 3459 标准	06
SMS 3008 标准	07
BS 4825 标准 Part1	08
ASME-BPEB 标准	09
EN ISO 1127 标准	10

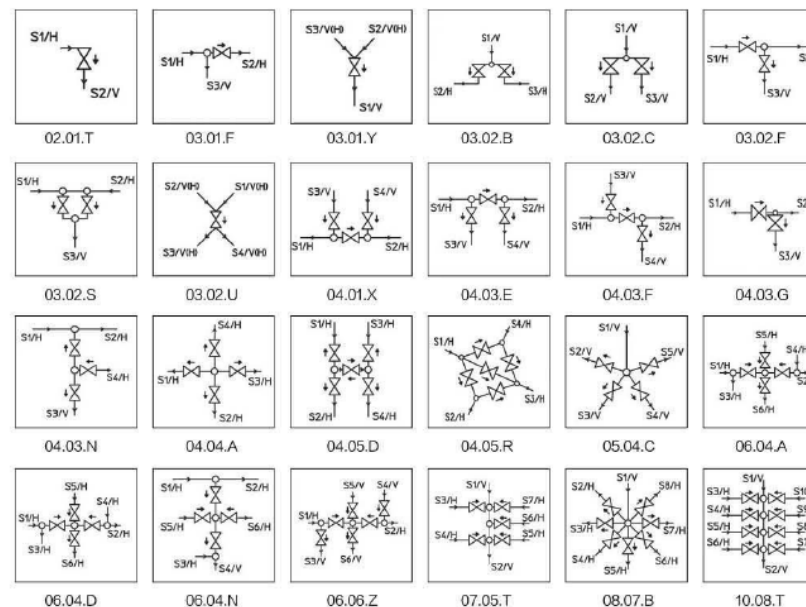
国际管道工业标准以及尺寸 (举例 DN15)
International pipeline industry standards and size (for example DN15)



K80 多通道一体阀 K80 Multi-Port Valves



功能举例 For example



K80 多通道一体阀 K80 Multi-Port Valves

在制药行业中最能方便彻底进行清洗和消毒灭菌的阀门就是卫生级隔膜阀。过去隔膜阀只有两位两通阀体。为此，很多情况不得不采取妥协方法，来实现复杂流体控制，比如为了在狭小的空间内实现对不同的工作介质，清洗介质和高温消毒介质的整套控制，必须利用大量管道和接头将多个隔膜阀焊接起来。这种方式尽管可以实现隔膜阀的控制原理，也可以缩短每个隔膜阀之间的管道距离，但不是最好的解决方法。

The valve is sanitary diaphragm valve in the pharmaceutical industry, the most convenient through cleaning and disinfection and sterilization. The past isolation valve only two position two way valve. Therefore, in many cases have to take a compromise approach, to realize the complex fluid control, for example, in order to narrow the space within the realization of the working medium is different, the cleaning medium and high temperature sterilizing medium set of control, must use a lot of pipe and joint welding a plurality of diaphragm valve up. Although this way can realize the diaphragm valve control principle, can also shorten the pipeline between each diaphragm valve in the distance, but is not the best solution.

K80 多通道一体阀可以为您提供一个完美的解决方法。由于这种阀门是由一整块不锈钢材料加工而成，每个阀座间的距离可以被减至最小。此外，K80 系列多通道一体阀的设计也并非是一成不变的，而更多地视客户需要和生产流程而定。因而每一件 K80 多通道一体阀都是独一无二，具有针对性，从而提高了生产的安全性和劳动生产率。

K80 multi-channel integrated valve can provide a perfect solution for you. Because the valve is composed of a block of stainless steel material to process, the distance between each seat can be reduced to a minimum. In addition, the design of K80 series of multi channel integrated valve is not changeless, and more depending on customer needs and production process and. Thus for every piece of K80 multi-channel integrated valve is unique, targeted, thus improving the safety of production and labor productivity.

K80 多通道一体阀的优点 Advantages of K80 multi channel integrated valve

- * 设计面向用户
- * 结构紧凑
- * 无死角
- * 可自动排空
- * 省去众多的接头和焊点
- * 安装简便
- * 相同的执行机构和连接方式
适用于直通式阀体
- * 缩短试运行的时间
- * 显著提高生产的安全性
- * 可采用任意一种驱动和连接方式
- * 不管是市场上普遍使用的不锈钢合金
- * 还是钛金属都可提供
- * 专业咨询确保生产安全
- * 适用于所有的不锈钢合金，
包括 Titanium, Alloy59, Hastelloy C



卫生级蝶阀 Sanitary Butterfly Valve



L 型转轴阀
Shaft Valve (Type-L)

应用

- * 蝶阀是一款卫生型、自动或手动操作的蝶阀，适合于不锈钢管道系统内的各类应用。

Applications

- * Butterfly is a sanitary automatically or manually operated butterfly valve for use in stainless steel pipe systems.

工作原理

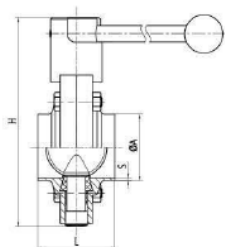
- * 蝶阀既可通过一个气动头进行遥控操作，也可以通过一个手柄进行手动操作。
- * 执行器有三种标准款型，即常闭 (NC) 型，常开 (NO) 型和空气 / 空气 (A/A) 型。
- * 执行器将一个活塞的轴向运动转换为阀门轴的 90° 旋转运动。当阀门体内的圆形碟片接触到蝶阀的密封面上时，执行器的扭矩增大，关闭阀门。
- * 选择不同的手动操作作用的手柄可将阀门机械式锁定在开启，关闭，中间或其它的位置上。实现对流量进行调节。

Operating Principles

- * Butterfly is either remote-controlled by means of an actuator or manually operated by means of a handle.
- * The actuator is made in three standard versions, normally closed (NC), normally open (NO) and air/air activated (A/A).
- * The actuator is designed so that an axial movement of a piston is transformed into a 90° rotation of a shaft. The torque of the actuator is increased when the valve disc contacts the seal ring of the butterfly valve, valve is closed.
- * Selected The handle for manual operation mechanically can locks the valve in its open position/closed position/middle position and more position, so the flow rate can be regulated.



卫生级蝶阀
Sanitary Butterfly Valve



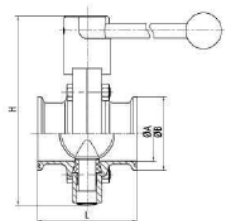
手动焊接式
Welded type with Manual

DN	A		S	L	H
	0	2			
DN20	22	23	1.5	52	108.5
DN25	28	29	1.5	52	108.5
DN32	34	35	1.5	54	113.5
DN40	40	41	1.5	50	120
DN50	52	53	1.5	54	136.5
DN65	70	2	2	58	153
DN80	85	2	2	60	167.5
DN100	104	2	2	70	192
DN125	129	2	2	78	249
DN150	154	2	2	84	275

SMS / 3A / ISO

Size	A	S	L	H
1"	25.4		52	103
1.25"	31.8	1.5/1.66/1.5	54	109.5
1.5"	38.1		54	113
2"	50.8	1.5/1.66/1.5	50	129.5
2.5"	63.5	2/1.66/2	56	145
3"	76.2	2/1.66/2	60	159
3.5"	101.8	2/2.11/2	70	171.5
4"			70	192

手动快装式
Clamp type with Manual

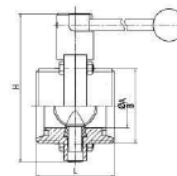


DN	A	B	L	H
DN20	20	34	70	108.5
DN25	26	50.5	70	108.5
DN32	32	50.5	70	113.5
DN40	38	50.5	70	120
DN50	50	64	70	136.5
DN65	66	91	70	153
DN80	81	106	90	167.5
DN100	100	119	100	192
DN125	125	155	105	249
DN150	150	183	120	275

SMS / 3A / ISO

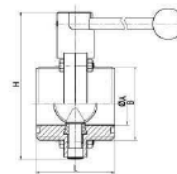
Size	A	B	L	H
1.0"	22.1	50.5	70	103
1.25	28.5	50.5	70	106.5
1.5"	34.8	50.5	70	113
2.0"	47.5	64	70	129.5
2.5"	60.2	77.5	80	145
3.0"	72.9	91	80	159
3.5	84.8	106	90	171.5
4.0"	97.38	119	90	192

卫生级蝶阀
Sanitary Butterfly Valve



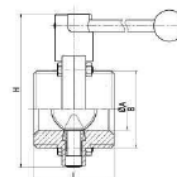
手动螺纹式
Threaded type with Manual

DN	A	B	L	H
DN20	20	RD44X1/8"	70	108.5
DN25	26	RD52X1/8"	70	108.5
DN32	32	RD60X1/8"	70	113.5
DN40	38	RD65X1/8"	76	120
DN50	50	RD78X1/8"	76	136.5
DN65	66	RD95X1/8"	80	153
DN80	81	RD110X1/4"	90	167.5
DN100	100	RD130X1/4"	100	192
DN125	125	RD160X1/4"	106	249
DN150	150	RD190X1/4"	120	275



手动螺纹式
Threaded type with Manual

Size	A	B	L	H
SMS25	22.5	RD40X1/8"	70	103
SMS32	26.8	RD46X1/8"	70	109.5
SMS38	35.5	RD60X1/8"	70	113
SMS51	48.5	RD70X1/8"	76	129.5
SMS63.5	60.5	RD85X1/8"	76	145
SMS76	72.9	RD98X1/8"	80	159
SMS89	85	RD110X1/8"	90	171.5
SMS101.6(小)	97.6	RD125X1/4"	100	192
SMS101.6(大)	97.6	RD132X1/8"	100	192

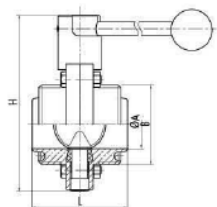


手动螺纹式
Threaded type with Manual

Size	A	B	L	H
1.0"	22.1	37.13x8TPI ACME	70	103
1.5"	34.8	50.65x8TPI ACME	70	113
2.0"	47.5	64.16x8TPI ACME	76	129.5
2.5"	60.2	77.67x8TPI ACME	76	145
3.0"	72.9	91.19x8TPI ACME	80	159
4.0"	97.6	119.25x6TPI ACME	100	192

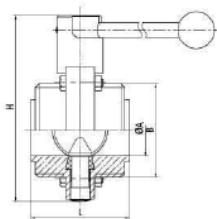


卫生级蝶阀 Sanitary Butterfly Valve



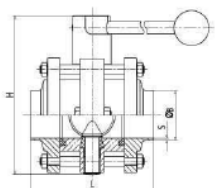
手动螺纹式
Threaded type with Manual RJT

Size	A	B	L	H
1.0"	22.1	45.72x8TP WHIT	70	108
1.5"	34.8	68.42x8TP WHIT	70	113
2.0"	47.5	72.72x8TP WHIT	76	120.5
2.5"	60.2	85.42x8TP WHIT	76	145
3.0"	72.9	98.12x8TP WHIT	80	159
4.0"	97.6	123.52x8TP WHIT	100	192



手动螺纹式
Threaded type with Manual IDP

Size	A	B	L	H
1.0"	22.1	37.13x8TP ACME	70	108
1.5"	34.8	50.68x8TP ACME	70	113
2.0"	47.5	64.18x8TP ACME	76	120.5
2.5"	60.2	77.67x8TP ACME	76	145
3.0"	72.9	91.19x8TP ACME	80	159
4.0"	97.6	125.9x8TP ACME	100	192



手动三片式
Three-piece type with Manual DIN

DN	S	B	L	H
DN25	1.5	29	102	108.5
DN32	1.5	35	106	113.5
DN40	1.5	41	104	120
DN50	1.5	53	107	138.5
DN65	2	70	103	153
DN80	2	85	107	167.5
DN100	2	104	115	192
DN125	2	129	125	239
DN150	2	154	125	275

SMS / 3A / ISO

Size	S	B	L	H
1"	1.5 / 1.85 / 1.5	25.4	102	108.5
1.5"		38.1	104	120
2"	1.5 / 1.85 / 1.5	50.8	107	136.5
2.5"	2 / 1.85 / 2	63.5	106	145
3"	2 / 1.85 / 2	76.2	103	153
4"	2 / 2.11 / 2	101.6	115	192

卫生级止回阀 Sanitary Check Valve



卫生级快装止回阀
Sanitary Clamp Check Valve



卫生级外螺纹止回阀
Sanitary Male Check Valve

应用

- 止回阀用于不锈钢管道系统内，以达到防止流体回流的目的。

Applications

- Non-return valve is designed for use in stainless steel pipe installations to prevent reverse flow.

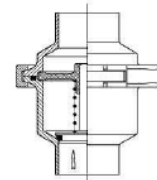
工作原理

- 当阀杆下部的压力超过阀杆上面的压力以及弹簧力时，止回阀就开启。
- 当阀杆上、下压力平衡时，阀门就会关闭。
- 一个更高的逆向压力会作用于阀杆使其关闭。

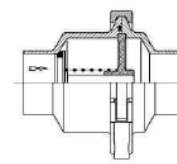
Operating Principles

- When the lower pressure of valve stem over the upper pressure and spring force, check valve opens.
- When the upper pressure equal to the lower pressure, check valve closes.
- A higher reverse pressure acts on the valve stem and causes valve to close.

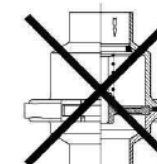
止回阀正确安装方法 (图)
The Correct Installation Method



最佳安装方位
Optimal Installation Location



允许安装方位
Correct Installation Location



错误安装方位
Wrong Installation Location



双座防混阀 Double Seat Mix-proof Valve



应用

- 应用需求遍及所有各类需要使两种不同的产品流经同一只阀门的防混操作中。主要应用于酿酒，乳制品，饮料等食品工业中。

Applications

- Double seat mix-proof valve application : used for protection mixing products in brewing , dairy and drink .etc

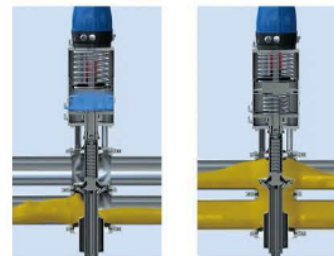
工作原理

- 双座防混阀系列是通过压缩空气进行遥控操作的。该阀门于正常情况下常闭。
- 该型阀门具有两个独立的阀芯密封件，在正常工作状态时这两个密封件之间就会形成一个与大气相通的泄漏腔。在偶尔可能出现的故事或产品泄漏的情况下，产品就会流进这个泄漏腔，并且从排出口被排放出去，不会造成产品的污染或混料；当阀门处于开启状态时，该漏腔是闭合的，在阀门正常运行过程中，并不存在产品溢出的情况。因此所输送的产品就能够从一条管线流到另一条去。该型阀门可以进行CIP清洗。
- 伟宙双座阀系列配备宝德 1066 智能控制器不仅能实现双座阀的远程控制，同时能实现对阀门工作状态的实时监控。也可只配备位置传感器。
- 伟宙双座阀系列可通过安装适配板可与宝德公司的 1066 控制器相匹配使用。

Operating Principles

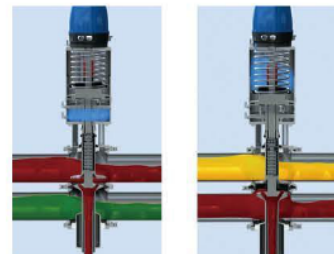
- Double seat mix-proof valve is controlled through compressed air . The valve is a normally closed (NC) valve.
- The double seat valve has two divided seals of valve disc , it has a interlinked cavity of leak between two seal at working , while it happen leaking , the products will inpour the cavity and flow away from extd .It will not caused pollution and mixing , the leaking cavity closed while the valve working .it is impossible to overflow for the products , so the products can be transported from one pipe to another , also the valve can be washing CIP .
- Weizhou double seat valve with burkert company's 1066 intelligent control head , not only achieved remote control , and monitoring under working , can setting only transducer .
- Weizhou double seat valve can be controlled with 1066 controller from Burkert company through setting adapter plate .

双座防混阀 Double Seat Mix-proof Valve



阀门关闭
Valve closed

阀门开启
Valve open

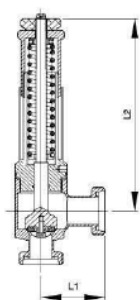


上部提升阀座清洗
Upper Poppet Seat Clean

下部提升阀座清洗
Lower Poppet Seat Clean



卫生级安全阀 Sanitary Safety Valve



排气真空阀 (PVRV 型)
Pressure and Vacuum
Release Valve (Model PVRV)



应用

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、储罐等起安全保护作用。广泛应用于食品、饮料、乳制品、制药、啤酒等行业。

Applications

Safety valve is a sanitary stainless steel safety valve, its design makes it adequate for protection of installations in the pharmaceutical industry, it is used to perform pressure bypass for safety purposes in order to protect lines, pumps, fittings, tanks, etc.

工作原理

安全阀是通过调整弹簧的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。

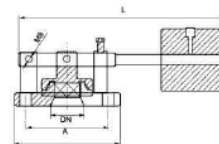
A 系列安全阀是增加了气动开启装置，便于对安全阀及其管路进行 CIP 清洗。

B 系列安全阀是一种较为特殊的阀门，在出厂时都经过了严格的校验，但为了使阀门能更切合实际运行工况，故有条件时，应尽可能现场对阀门再进行校验。

Operating Principles

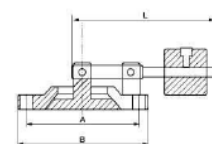
Under normal operating conditions, the valve remains closed. It is calibrated to a specific pressure by regulating the spring with the pressure nut. The calibrated pressure is a maximum safety pressure to avoid damage of the plant.

卫生级安全阀 Sanitary Safety Valve



自动排气阀 ZP45X 型
Model ZP45X automatic exhaust valve DIN

SIZE	调压范围 PK	排气量	A	B	L
DN25	A0.05-0.25Mpa	350 m³/h	85	115	350
DN32	A0.05-0.25Mpa	380 m³/h	100	135	400
DN40	A0.05-0.25Mpa	400 m³/h	110	145	430
DN50	A0.05-0.25Mpa	450 m³/h	125	160	450



防止真空阀 FK45X 型
Model FK45X anti-vacuum valve DIN

SIZE	调压范围 PK	吸气量	A	B	L
DN50	0.001176Mpa	200 m³/h	125	160	240
DN65	0.001176Mpa	250 m³/h	145	180	250
DN80	0.001176Mpa	400 m³/h	160	195	270
DN100	0.001176Mpa	500 m³/h	180	215	280
DN125	0.001176Mpa	800 m³/h	210	245	300

应用

本产品是发酵罐的重要附件，具有结构紧凑、合理、灵敏度高、复位可靠、密封性能好等特点。在发酵生产过程中起保压、稳压及超压排气、超真空吸气的的作用。

Applications

This product is an important accessory of fermentation tank, with the features as reliable and compact in structure, high sensitivity, reliable reset, good in sealing etc. during the process of fermentation, it can be used to keep pressure, stabilize pressure, overpressure discharge and ultra-vacuum breathing.



不锈钢弹簧式排气阀 (ZP48X 型)
Stainless Steel Spring Exhaust
Valve (Model ZP48X)



不锈钢弹簧式防止真空阀 (FK48X 型)
Stainless Steel Spring Anti-Vacuum
Valve (Model FK48X)



卫生级调节阀 Sanitary control valve



卫生级呼吸器 (YZB 型)
Sanitary Rebreather (Model YZB)



呼吸式调节阀 (YZK 型)
Breathing Type Adjustable Valve (Model YZK)



卫生级呼吸器 (YZA 型)
Sanitary Rebreather (Model YZA)

应用

- 呼吸式调节阀安装于发酵罐或清酒罐的顶部或底部管路上, 起自动稳压和自动吸气的功能。该阀使用法码来平衡压力, 调整法码重量可调节压力工作范围。呼气压力可在 0.05~0.4MPa 范围内调节, 吸气压力在 -50~400mmHg 范围内。

Applications

- Breathing type adjustable valve is installed on the top or pipeline of the fermentation tank or clear wine tank, used to automatically stabilize pressure and breathe. This valve uses balance blocks to balance pressure, so, to adjust weight of can adjust pressure range. Breathe-out pressure can be adjustable within 0.05~0.4MPa, breathe-in within -50~400mmHg.



呼吸式调节阀 (YZC 型)
Breathing Type Adjustable Valve (Model YZC)



二氧化碳保压阀
CO₂ Pressure Adjusting Valve



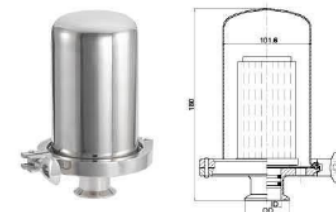
空气呼吸器 Rebreather

应用

- 利用微孔过滤器的过滤原理, 防止罐内因液位下降吸入空气时外部空气中尘埃粒子的进入, 保证了罐内空气的洁净度。
- 壳体材料采用进口 316L 或 304
- 内表面经抛光处理
- 表面粗糙度 Ra0.2μm
- 流量: 0.75m³/min、1.5m³/min、3m³/min
- 接口方式有: 卡箍式、法兰

Applications

- The principle is same as micro-filter's. It can prevent the outside particulates coming into the storage tank due to the liquid level descends. It ensures the air purity in the tank.
- Housing material: 316L/304.
- Inner surface polish: Ra0.2μm
- Capacity: 0.75m³/min, 1.5m³/min, 3m³/min
- Connection ends: Clamped, Flanged



Size	ID	OD
1"	22	50.5
1 1/4"	29	50.5
1.5"	35	50.5
2"	48	64

卫生地漏 Drainer

应用

- 该地漏适用于食品、饮料、制药等卫生洁净车间。
- 全不锈钢制作, AISI304/316L
- 规格从 1"-4", DN15-DN100
- 设计有网孔和污料斗防止颗粒污物进入堵塞排泄管道
- 可取下盖子和污料斗清洗地漏防止细菌繁殖

Applications

- The drainer is used in the hygienic workshops of food processing, pharmacy industries.
- Material: AISI304/316L
- Size: 1"-4", DN25-DN100
- Metal meshes and hopper can keep dirty particulates from blocking pipeline.
- Cover and hopper can be cleaned to prevent bacteria from propagating.



Size	A	D	D1
1"	80	25	130
1.5"	80	38	130
2"	100	51	195
2.5"	100	63	195
3"	130	76	230
4"	130	100	230



取样阀
Sampling Valve



应用

• 无菌型取样阀在每一次取样操作之前和之后都必须进行消毒灭菌处理(SIP)。物料直接用隔膜片来密封,无死角,杀菌更彻底,可以连续,并且随时进行无菌取样。广泛应用于:酿酒、饮料、奶食品、生物医药行业。

Applications

• Aseptic-type sampling valve system should carry out disinfection and sterilization processing (SIP) before and after it is used for sampling each time. Material is sealed with the diaphragm directly. There is no dead ends in the valve and easy to clean. It also can be continuous, and the sterile sampling at any time. And it is widely used in the areas: wine, beverages, milk food, bio-pharmaceutical industry.

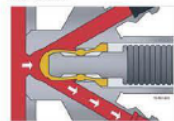
工作原理

• 取样:
• 取样前,先对无菌取样阀消毒灭菌处理(SIP)。旋转把手(可调节式阀门)或者开关执行器(开/关阀门),打开阀门。轴芯及隔膜片开启,这样就使流体得以通过。
• 阀门关闭:灭菌处理
• 反向操作执行器,将阀门闭合,同时并保持两段软管之间的通道相通,再次进行灭菌消毒(SIP)操作。

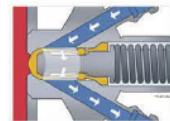
Operating Principles

• sampling:
• Before sampling, first step is sterilization processing (SIP). Revolving the handle (can be adjustable valve), or switch actuator (on / off), opening shaft core and the diaphragm. Then making liquid through.
• Valve closed: Sterilization
• Reverse operating the actuator, and then closing the valve, meanwhile maintaining a passageway between the two hoses interlinked, and sterilization (SIP) operating again

工况图
Condition

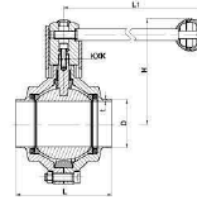
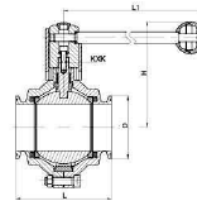


开启阀门,取样操作
opening valve, sampling
operating structure

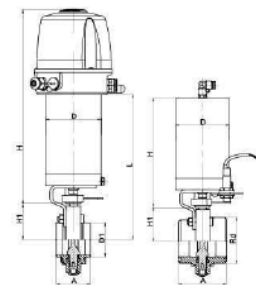


关闭阀门,灭菌消毒操作
closing valve, sterilization
operating structure

球阀
Globe Valve



气动蝶式球阀
Pneumatic Butterfly-Type Ball Valve (DIN)



卡箍式蝶式球阀 (DIN)
Clamped Butterfly-Type Ball Valve (DIN)

SIZE	D	L	L1	H	t	KxK
DN15	34	72	126	86	1.5	8x8
DN20	34	72	126	86	1.5	8x8
DN25	50.5	72	126	90	1.5	8x8
DN32	50.5	83	126	92	1.5	8x8
DN40	50.5	87	133	104	1.5	10x10
DN50	64	101	144	113	1.5	10x10
DN65	91	125	160	131	2.0	11x11
DN80	106	145	220	144	2.0	11x11
DN100	119	170	284	161	2.0	14x14

卡箍式蝶式球阀 (3A,SMS,ISO,IDF,DS)
Clamped Butterfly-Type Ball Valve (3A,SMS,ISO,IDF,DS)

SIZE	D	L	L1	H	KxK
3/4"	25.4	72	126	86	8x8
1"	50.5	72	126	86	8x8
1 1/4"	50.5	72	126	90	8x8
1 1/2"	50.5	83	126	92	8x8
2"	64	87	133	104	10x10
2 1/2"	77.5	101	144	113	10x10
3"	91	125	160	131	11x11
3 1/2"	106	145	220	144	11x11
4"	119	170	284	161	14x14

气动焊接蝶式球阀 (DIN)
Pneumatic Welded Butterfly-Type Ball Valve (DIN)

SIZE	D	A	H	H1	T	L	1	2	D1
DN15	86	72	309	42	214.5	1.5	18	19	
DN20	86	72	309	42	214.5	1.5	22	23	
DN25	86	72	309	46	218.5	1.5	28	29	
DN32	86	83	309	48	220.5	1.5	34	35	
DN40	86	87	309	56	228.5	1.5	40	41	
DN50	86	101	309	65	234.5	1.5	52	53	
DN65	113	125	379	80	321	1.5	52	53	
DN80	113	145	379	93	334	1.5	52	53	

气动焊接蝶式球阀 (Inch)
Pneumatic Welded Butterfly-Type Ball Valve (Inch)

SIZE	D	A	H	H1	L	D1
3/4"	86	72	309	42	214.5	19
1"	86	72	309	46	218.5	25.4
1 1/4"	86	83	309	48	220.5	32
1 1/2"	86	87	309	56	228.5	3
2"	86	101	309	65	234.5	50.8
2.5"	113	121	379	77	321	63.5
3"	113	135	379	87	334	76.2

卡箍式无滞留球阀 Clamped Non-retention Ball Valve

应用

- 无滞留球阀为全包式球座设计，解决了球阀液体滞留阀腔内的问题，该球阀适用于生物制药工程。

Applications

- Overall valve body design prevents the medium from retaining in the valve after flowing through the body. This kind of valve is applied to pharmacy and biotechnology industries.

设计和特点

- 阀体组合卡箍连接
- 无需专业工具即可拆卸阀门
- 操作扭矩小
- 垫圈根据 FDA 177.2600
- 连接：卡箍，焊接，螺纹，DIN，SMS，ISO，IDF，BPE，RJT
- 无论是何种连接方式，阀体都可进行更换，而不会改变阀门的总长度。

Design and Features

- Combined valve bodies, clamped connection.
- Easily disassemble without special tools
- Operating torque is small
- Gasket complies with FDA 177.2600
- Connection ends: clamp, weld, DIN, SMS, ISO, IDF, BPE, RJT
- Valve body can be replaced in any connections, and the length will not change.



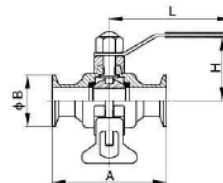
无滞留球阀
Non-retention Ball Valve



无滞留球阀-C Non-retention Ball Valve C Type



无滞留球阀
Non-retention Ball Valve



SIZE	A	L	H	B	Dn
DN15	90	105	65	34.0	15
DN20	100	105	65	34.0	19
DN25	110	105	70	50.5	25
DN32	120	130	80	50.5	31
DN40	140	150	80	50.5	37
DN50	164	160	85	64.0	49
DN65	180	180	110	91.0	66

SIZE	A	L	H	B	Dn
Φ19	90	105	65	25.4	16.0
Φ25	100	105	70	50.5	22.4
Φ32	110	105	80	50.5	28.8
Φ38	120	130	80	50.5	35.1
Φ51	140	150	85	64.0	47.8
Φ57	164	160	110	77.5	53.0
Φ63	180	180	110	77.5	59.5



无滞留球阀-S
Non-retention Ball Valve S Type



无滞留球阀外形尺寸
Dimension of Non-retention Ball Valve

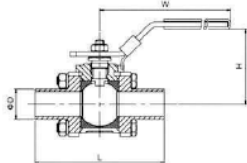
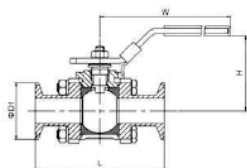


卡箍式无滞留球阀
Clamp Non-retention Ball Valve

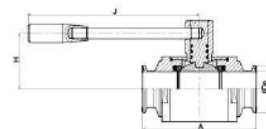
SIZE	D1	L	W	H	
1/2"	DN15	25.4	89	132	60
3/4"	DN20	25.4	101	132	64.5
1"	DN25	50.5	114	165	69
1 1/2"	DN40	50.5	140	194	89
2"	DN50	64	156	194	97
2 1/2"	DN65	77.5	197	252	127
3"	DN80	91	229	252	135
4"	DN100	119	242	332	159

焊接式无滞留球阀
Went Non-retention Ball Valve

SIZE	D1	L	W	H		
1/2"	DN15	12.7	18	89	132	60
3/4"	DN20	19	22	101	132	64.5
1"	DN25	25.4	28	114	165	69
1 1/2"	DN40	38.1	40	140	194	89
2"	DN50	50.8	52	156	194	97
2 1/2"	DN65	63.5	70	197	252	127
3"	DN80	76.2	85	229	252	135
4"	DN100	101.6	104	242	332	159



直通球阀外形尺寸
Dimension of Direct way Ball Valve

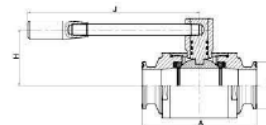


直通卡箍球阀 (DIN)
Direct Way Clamped Ball Valve (DIN)

SIZE	D	Dn	A	H	J	N.W
DN10	34	10	95	40	124	835
DN15	34	15	95	40	124	795
DN20	34	19	95	40	124	760
DN25	50.5	25	100	48	146	1220
DN32	50.5	31	108	50	146	1535
DN40	50.5	37	115	60	185	2375
DN50	64	49	136	68	185	2645
DN65	91	66	162	89	243	4840
DN80	106	81	180	100	243	7090
DN100	119	100	206	115.5	243	10680

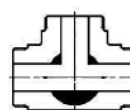
直通卡箍球阀 (ISO, IDF, SMS, 3A, DS)
Direct Way Clamped Ball Valve (ISO, IDF, SMS, 3A, DS)

SIZE	D	A	H	J	N.W
1/2"	25.4	95	40	124	810
3/4"	25.4	95	40	124	780
1"	50.5	100	48	146	1265
1 1/4"	50.5	108	50	185	1520
1 1/2"	50.5	115	60	185	2000
2"	64	136	68	185	2685
2 1/2"	77.5	150	80	205	4115
3"	91	172	94	243	5625
4"	119	206	115.5	273	10890



三通球阀
Three-way Ball Valve

三通球阀球芯结构
Ball Type



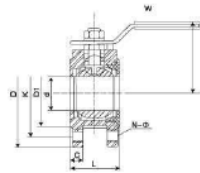
T型球芯
T Port



L型球芯
L Port

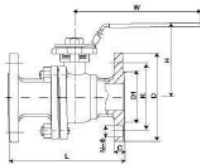


工业级阀门
Industrial Valve



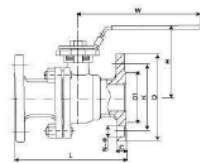
薄型法兰球阀
Wafer Type Flanged Ball Valve

DN	d	L	D	K	D1	C	H	N-φ	W
15	16	36	96	66	48	10	65	4-M12	100
20	20	37	105	76	58	11	70	4-M12	110
25	26	42	116	86	68	12	80	4-M12	125
32	32	63	135	100	78	14	90	4-M16	150
40	38	62	160	110	88	16	90	4-M16	160
50	50	78	180	125	104	17	104	4-M16	180
65	58	90	185	145	110	18	110	4-M16	200



国标高平台法兰球阀 (防火型)
GB Flange Ball Valve With High Mounting Pad (Fire Safe)

INCH	DN	L	D	K	D1	N-φ	C	W
1/2"	15	108	96	66	48	4-14	14	140
3/4"	20	117	105	76	58	4-14	14	140
1"	25	127	116	86	68	4-14	14	165
1 1/4"	32	140	135	100	78	4-18	16	165
1 1/2"	40	165	145	110	88	4-18	16	190
2"	50	178	160	125	100	4-18	16	210
2 1/2"	65	190	180	145	120	4-18	18	240
3"	80	203	195	160	135	8-18	20	160
4"	100	229	215	180	165	8-18	20	320
6"	125	368	145	210	185	8-18	22	520
6"	150	394	280	240	210	8-23	24	600
8"	200	467	335	295	265	12-23	26	800
10"	250	533	405	355	320	12-25	30	1000
12"	300	610	480	410	375	12-25	30	1200

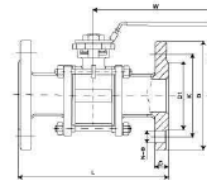


日标高平台法兰球阀 (防火型)
JIS Flange Ball Valve With High Mounting Pad (Fire Safe)

INCH	DN	H	W	L	D	K	D1	C	N-φ
1/2"	15	65	140	108	96	70	52	12	4-15
3/4"	20	72	140	117	100	75	58	14	4-15
1"	25	83	165	127	125	90	70	14	4-19
1 1/4"	32	90	185	140	135	100	80	16	4-19
1 1/2"	40	100	190	155	140	105	85	16	4-19
2"	50	110	210	178	165	120	100	16	4-19
2 1/2"	65	130	240	190	175	140	120	16	4-19
3"	80	140	260	208	185	150	130	18	8-19
4"	100	165	320	229	210	175	165	18	8-19
5"	125	250	600	366	250	210	180	20	8-23
6"	150	270	600	394	280	240	195	22	8-23
8"	200	320	800	457	330	290	265	22	12-23

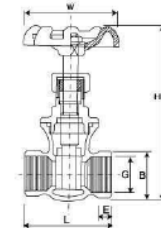


工业级阀门
Industrial Valve



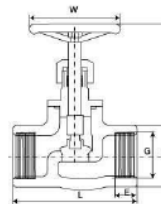
三片式法兰球阀
3PC Type Ball Valve With Flange

DN	B	L	H	W	D	K	D1	C	N-φ	D	K	D1	C	N-φ	D	K	D1	C	N-φ
15	15	130	75	130	95	65	45	14	4-14	95	65	45	14	4-14	89	60.5	35	10	4-15
20	20	150	80	140	105	75	68	16	4-14	105	75	68	16	4-14	98	70	43	11	4-16
25	25	16	85	150	115	85	68	16	4-14	115	85	68	16	4-14	106	79.5	51	12	4-16
32	32	190	100	170	140	100	78	16	4-18	140	100	78	16	4-18	117	80	64	13	4-16
40	38	200	110	200	150	110	88	16	4-18	150	110	88	16	4-18	127	90.5	73	15	4-16
50	50	230	120	220	165	126	102	18	4-18	165	126	102	20	4-18	162	120.5	92	16	4-19
65	65	250	130	280	185	145	122	18	4-18	185	145	122	20	8-18	178	139.5	105	18	4-19
80	78	280	140	300	200	160	138	20	8-18	200	160	138	24	8-18	190	152.5	127	19	4-19
100	100	320	150	340	220	180	168	20	8-18	225	180	162	24	8-22	229	190.5	157	24	8-19



不锈钢内螺纹球阀
Stainless Steel Female Type Ball Valve

DN	G	L	E	B	H	W
15	1/2"	55	16	31	90	70
20	3/4"	60	18	38	98	70
25	1"	68	20	46	108	70
32	1 1/4"	76	21.5	56	128	80
40	1 1/2"	80	23	63	152	100
50	2"	93	24.5	76	166	100

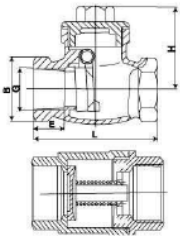


美式内螺纹截止阀
American Type Female Globe Valve

DN	G	L	E	B	H	W
8	1/4"	65/68	15	23	60	70
10	3/8"	65/68	15	26	60	70
15	1/2"	65/68	16	31	63	70
20	3/4"	70/75	18	38	95	70
25	1"	80/90	20	46	110	80
32	1 1/4"	90/105	21.5	56	123	100
40	1 1/2"	100/120	23	63	135	100
50	2"	120/140	24.5	76	150	100

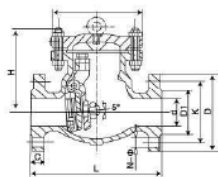


工业级阀门
Industrial Valve



内螺纹止回阀
Female Check Valve

DN	G	L	E	B	H
8	1/4"	64	10	24	42
10	3/8"	64	10	24	42
15	1/2"	64	12	26	45
20	3/4"	80	17	32	53
25	1"	90	20	40	60
32	1 1/4"	105	20	51	64
40	1 1/2"	120	20	58	76
50	2"	140	23	60	82
65	2 1/2"	165	27	66	89

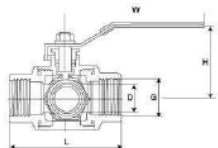


旋启式法兰止回阀
Flange Swing Check Valve

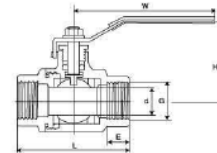
PN16 Class 150/10K L																	
DN	D	K	D1	C	N-φ	D	K	D1	C	N-φ	D	K	D1	C	N-φ		
25	160	127	115	85	65	14	4-14	108	79.5	51	12	4-15	125	90	70	14	4-19
32	180	140	135	100	78	16	4-18	117	89	64	13	4-15	135	100	80	16	4-19
40	200	165	145	110	85	18	4-18	128	96.5	73	14.5	4-15	140	105	85	16	4-19
50	230	203	160	125	100	18	4-18	152	120.5	92	16	4-19	155	120	100	16	4-19
65	290	216	180	145	120	18	4-18	178	130.5	105	17.5	4-19	175	140	120	18	4-19
80	310	241	195	160	135	20	8-18	190	152.5	127	19	4-19	185	150	130	18	8-19
100	350	282	215	180	155	20	8-18	229	190.5	157	24	8-19	210	175	155	18	8-19
125	400	330	245	210	185	22	8-18	254	216	168	24	8-23	250	210	185	20	8-23
150	480	356	260	240	210	24	8-23	279	241.5	216	25.4	8-26	280	240	215	22	8-23
200	550	495	335	295	265	28	12-23	343	298.5	270	29	8-23	330	290	265	22	12-23
250	560	622	405	355	320	30	12-23	405	362	324	30.5	12-25	400	355	325	24	12-25
300	750	808	460	410	375	30	12-23	483	431.8	381	32	12-25	445	400	370	24	16-25

内螺纹三通阀
Female Three Way Ball Valve

DN	G	d	H	L	W
8	1/4"	7.4	10	58	110
10	3/8"	7.4	12	58	110
15	1/2"	7.4	12	58	110
20	3/4"	8.8	15	60	120
25	1"	9.2	20	70	140
32	1 1/4"	12.5	25	82	140
40	1 1/2"	13.8	32	95	180
50	2"	15.4	38	100	200

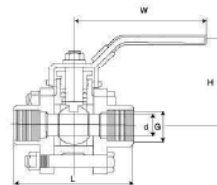


工业级阀门
Industrial Valve



二片式内螺纹球阀
Two-piece female ball valve

DN	G	d	①	L ②-M3	E	H	W
8	1/4"	10	55	55	11.5	50	90
10	3/8"	12	55	60	11.5	50	90
15	1/2"	15	63	75	14	58	90
20	3/4"	20	73	80	15	62	110
25	1"	25	84	90	15	72	120
32	1 1/4"	32	98	110	18	80	130
40	1 1/2"	38	106	120	19	90	150
50	2"	50	121	140	19	98	170
65	2 1/2"	64	146	165	23	125	220
80	3"	78	166	205	25	138	240
100	4"	100	204	240	28	165	300

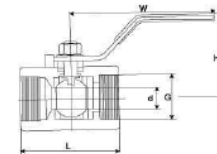


三片式内螺纹球阀
Three-piece female ball valve

DN	G	d	L	H	W
8	1/4"	10	65	60	90
10	3/8"	12	65	60	90
15	1/2"	15	70/75/61	66	100
20	3/4"	20	80/80/69	60	120
25	1"	25	90/90/80	70	140
32	1 1/4"	32	110/110/96	82	140
40	1 1/2"	38	120/120/104	90	180
50	2"	50	140/140/125	105	200
65	2 1/2"	64	160/165	106	220
80	3"	78	180/205	132	240
100	4"	100	215/240	160	300

一片式内螺纹球阀
One-piece female ball valve

DN	G	d	L	H	W
8	1/4"	5	40	26	70
10	3/8"	7	45	30	70
15	1/2"	9	55	34	90
20	3/4"	12	60	36	90
25	1"	16	70	60	110
32	1 1/4"	20	80	55	120
40	1 1/2"	26	88	60	130
50	2"	32	101	65	140
65	2 1/2"	38	117	72	170
80	3"	50	140	105	185



二片式内螺纹球阀
Two-piece female ball valve



三片式内螺纹球阀
Three-piece female ball valve



罐底放料阀
Tank bottom discharge valve



一片式内螺纹球阀
One-piece female ball valve

罐底阀 Tank Bottom Valve



应用

- 罐底阀是一款气动座阀，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，并且降低了其维护成本。用于切断或打开通往储罐的管道。广泛应用于酿酒，乳制品，饮料，制药等工业中。

Applications

- Tank bottom valve is a pneumatic seat valve, which sanitary and agile design, basis on mature single seat valve design, less flexible parts, reduce the service cost. used for close or open to tank pipe, widely used for brewing, dairy, drink, pharmacy industry.

工作原理

- 罐底阀可通过压缩空气进行遥控，其由 1 个阀门和 1 个罐底法兰构成。为减小密封件的磨损，对密封件的压缩是通过金属之间的接触来实现的。
- 罐底有两种结构形式：
 - A 型罐底阀与罐底法兰之间是卡箍连接的，稍微松开卡箍，就可以将阀门转向任何位置，这确保了高度的灵活性。罐底法兰直接焊接在储罐上。
 - B 型罐底阀与罐底法兰之间是螺栓连接的，阀门可 360° 旋转。罐底法兰直接焊接在储罐上。

Operating Principles

- Tank bottom valve is controlled by compress air, include 1 valve and 1 tank bottom flanges. to reduce abrasion for seal parts, to achieve compressing seal through touching between metal.
- Tank bottom valve have two kinds:
 - A tank bottom valve and flanges are connected by clamp. relax clamp, the valve can turn any position, highly flexible. deposited tank valve welding on the tank.
 - B tank bottom valve and flanges are connected by Bolt. The valve can turn any position, . tank valve flange welding ON the TANK.



卫生级视镜 Sanitary Sight Glass



球形视镜 (SB型)
Spheroid Sight Glass (Model SB)



焊接四通视镜 (SF 型)
Welded Four-way Sight Glass (Model SF)



焊接管道视镜 (SP 型)
Welded Pipe Sight Glass (Model SP)

应用

- 视镜用于需直观观察设备及系统工作状态的场合。伟宙公司根据不同的使用情况，可提供不同形式的视镜，以满足工艺的需要。广泛应用于食品，饮料，制药等领域。
- 直通型视镜，具有可 360° 观察，并可选配金属保护网，可水平或垂直安装。适合于管线的在线观察。
- 活接型视镜，具有拆装更换方便，适合于罐类设备的观察。

Applications

- Sight glass series use to see working situation of equipment. according different condition, Weizhou provide different sight glass, to meet requirements. use widely for food, drink and pharmacy area etc.
- Are straight sight glass, 360 degree seeing. and choose metal protection netting. level and upright setting. Use for setting with pipe.
- unions sight glass. disassembly and assembly easily, use for filling equipment.



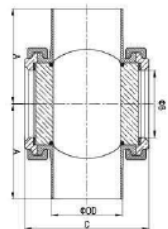
带灯视镜 (SBT 型)
Sanitary Union Sight Glass Light (Model SBT)



带灯视镜 (SU 型)
Sanitary Union Sight Glass Light (Model SU)



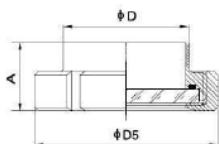
视镜
Sight Glass



球形视镜
Spheroid Sight Glass

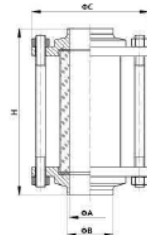
DN	A	B	C	OD	
				0	2
DN40	65	38	80	40	41
DN50	75	50	97	52	53
DN65	90	66	118	70	70
DN80	105	81	132	85	85
DN100	120	100	149	104	104

INCH					
Size	A	B	C	OD	
1.5"	65	38	80	40	38.1
2.0"	75	50	97	52	50.8
2.5"	90	66.5	111	70	63.5
3.0"	95	73	124	76.2	76.2
4.0"	120	100	149	104	101.6



活接视镜
Union-type Sight Glass

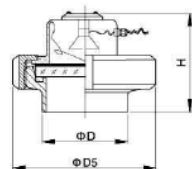
SIZE	DIN11851			DIN11850	
	A	D	D5	A	D
DN25	35	31	82	28	29/26
DN32	38	37	70	28	34/26
DN40	40	43	77	28	40/41
DN50	42	55	91	28	52/53
DN65	47	72	112	30	70
DN80	52	87	125	33	85
DN100	62	108	147	38	104
DN125	82	132	178	40	129
DN150	66	157	208	42	154



焊接式管道视镜
Welded Pipe Sight Glass

DN	A	B		C	H
		0	2		
DN25	25	28	29	79	136
DN32	32	34	35	86	136
DN40	38	40	41	92	140
DN50	50	52	53	108	140
DN65	65	70	70	127	140
DN80	81	85	85	142	152
DN100	100	104	104	162	152

INCH					
Size	A	B	C	H	
1.0"	22.1	25.4	76	138	138
1.5"	34.8	38.1	86	138	138
2.0"	47.5	60.8	100	144	144
2.5"	60.2	63.5	115	144	144
3.0"	72.9	76.2	125	150	150
4.0"	97.98	101.6	162	154	154



带灯视镜
Sanitary Union Sight Glass Light

SIZE	H	D	D5
DN80	90	87	126
DN100	100	108	146
DN125	90	132	178
DN150	96	157	208

法兰视镜
Flanged Sight Glass

应用

法兰视镜由不锈钢结构和钢化玻璃组成。在食品加工，化妆品，制药和精细化工工业中，可以通过它清晰并且精确的观察物料流动。

Applications

Flanged sight glass is comprised of stainless steel frame and glass. Through it, operator can observe the flowing of the liquid substance clearly and precisely in the fields of food cosmetics, pharmaceutical and fine chemicals.

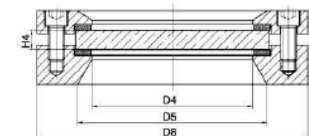
设计和特点

- 规格从 2"-6" 到 DN50-DN150
- 通过内六角螺栓将两片法兰及玻璃装配在一起
- 垫圈材质: PTFE 符合 FDA 177.1600
- 材质: AISI304(1.4301)/AISI316L(1.4404)
- 最大温度: -10°C 到 +120°C
- 最大压力: 10Bar

Design and Features

- Available from 2"-6" to DN50-DN150
- Assemble flange with glass by using hexagon socket bolts
- Gasket material: PTFE in accordance with FDA 177.2600
- Material: AISI304(1.4301) AISI316L(1.4404)
- Max. Temperature: -10°C to 120°C
- Max Pressure: 10Bar

SIZE	H4	D4	D5	D8	H1	H2
DN25	10	43	63	100	20	12
DN32	10	63	78	115	20	12
DN40	10	63	78	115	20	12
DN50	10	83	98	140	20	12
DN65	15	108	123	165	25	15
DN80	15	108	123	165	25	15
DN100	20	133	148	190	25	20
DN125	20	158	173	224	25	20
DN150	25	183	198	250	30	25
DN200	30	233	248	310	30	30



不锈钢泛光灯视镜 Sight Glass With Light



应用

- 设计用于制药和食品加工工业，如酿酒厂，牛奶厂等，罐，反应堆，搅拌器，分离器，管道和其他常闭式容器非爆炸危险区域内部的照明。

Applications

- Designed for use in pharmaceutical and food processing industries e.g. Breweries, dairies etc. For illumination of internals of tanks, reactors, mixers, separators and other normally closed vessels as well as pipelines in non-explosion hazardous areas.

设计和特点

- 形状轻巧美观，有设计专利保护。
- 和螺纹视镜装置一起使用。
- 将视镜和灯组合在一起，适用于 DIN11851 圆形螺纹视镜装置或类似于乳制品款式，从规格 DN65 到 DN 150。

Design and Features

- Sturdy, attractively shaped, registered design-protected.
- For use with screwed sight glass fittings.
- Providing combined sight and light port, suitable for circular screwed sight glass fittings to DIN 11851 or similar dairy style, sizes DN 65 to DN 150.

操作条件

- 无电浆等视镜
- 最大压力：10bar
- 最大温度：80℃或120℃订购时需要说明
- 定期更换电池或灯的亮度不能满足时更换
- 与设备连接方式：法兰式、卡箍式、焊接、螺纹等方式
- 泛光灯视镜
- 独立于容器压力 / 真空，最大允许电缆接头周围温度为 80℃。
- 供应电压：24V(12V 也可以)

Operational Term

- Sight glass with wireless light. Max. Pressure: 10bar
- Max. Temperature: 80degree C or 120 degree C (Please specify when order which temperature you need)
- Regularly change dry batteries of change it when it is not light enough
- Connection way: Flange, Clamp, Weld and Thread.
- Independent of vessel pressure/vacuum; max. Permissible ambient temperature at the cable gland 80℃.
- Feed voltage: 24V(12V available as alternative)



过滤器清洗球 Filter Cleaning Ball





角式过滤器
Angle-type Strainer

螺纹直通过滤器
Male Straight Strainer



双联过滤器
Double filter

卫生级过滤器 Sanitary Strainer

应用

过滤器主要用于保护泵、仪器仪表和其它设备能正常工作。由于其结构紧凑，过滤能力强，压损小，维护方便等特点，广泛应用于饮料、制药、乳制品等领域。

Applications

Filter mainly used in the protecting of pumps, instrumentation and other devices to work properly. Because of its compact structure, strong filtering ability, small pressure loss, convenient maintenance etc., they are widely used in beverage, pharmaceutical, dairy and other fields.

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。

Operating Principles

Working Principle: filter is used to prevent the solid particles from media mixed into the follow-up pipeline facilities. The larger solid particles or impurities will remaining in it after the media is put into proper filter core, as it can reach the request. When surrounding pressure of the filter exceeds demand, or when the filter core is damaged, you can remove the filter, clean or change new filter core, and re-install it.



卫生级蒸汽过滤器
Sanitary Steam Strainer



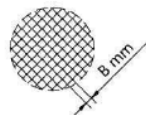
Y型过滤器
Y-type Strainer

卫生级过滤器 Sanitary Strainer

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 requirement three types of cores (metal mesh, perforated plate and wedge wire)
- The filtering capabilities are as follows

金属丝网滤芯 Metal Mesh



目数 Mesh	B(mm)	有效面积 Useful surface(%)
30	0,55	48
40	0,40	46
60	0,30	52,6
80	0,20	42
100	0,15	36,2
165	0,10	45,4

冲孔板网滤芯 Perforated Plate



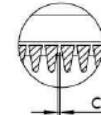
A 孔径	有效面积 Useful surface(%)
0,5	15
1	26
1,5	33
2	30
3	33
5	46



蓝式过滤器
Blue Filter



楔形滤芯 Wedge Wire



目数 Mesh	C(mm)	有效面积 Useful surface(%)
30	0,55	48
40	0,40	46
60	0,30	52,6
80	0,20	42
100	0,15	36,2
165	0,10	45,4



空气过滤器
Air Strainer



卫生级空气过滤器
Sanitary Air Strainer

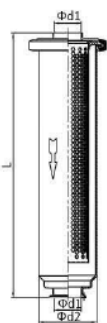


捕集器 PLQ-1型
Vatcher Model PLQ-1



捕集器 PLQ-2型
Vatcher Model PLQ-2

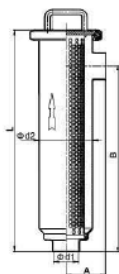
卫生级过滤器 Sanitary Strainer



焊接式直通过滤器
Welded Straight Strainer DIN

DN	d1	d2	L
25	26	70	386
32	32	70	386
40	38	70	472
50	50	70	406
65	66	114.3	648
80	81	129.0	561
100	100	139.7	708

Size	d1	d2	L
1"	22.1	70	377
1-1/2"	34.8	70	482
2"	47.5	70	637
2-1/2"	60.2	114.3	637
3"	72.9	114.3	784
4"	97.4	139.7	860

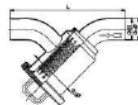


焊接角式过滤器
Welded angle-type Strainer

DN	d1	d2	A	B	L
25	26	70	75	250	306
32	32	70	75	250	306
40	38	70	75	250	306
50	50	70	75	300	406
65	66	114.3	100	380	503
80	81	129.0	110	420	561
100	100	139.7	125	500	660

Size	d1	d2	A	B	L
1"	22.1	70	75	250	306
1-1/2"	34.8	70	75	250	306
2"	47.5	70	75	300	406
2-1/2"	60.2	114.3	100	380	503
3"	72.9	114.3	100	420	561
4"	97.4	139.7	125	500	660

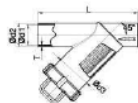
焊接式Y型过滤器
Welded Y-type Strainer DIN



DN	d1	d2	d3	L
25	26	70	76.2	235
32	32	70	76.2	240
40	38	70	101.6	260
50	50	70	101.6	280
65	66	114.3	114.3	320
80	81	129.0	114.3	375
100	100	139.7	154	400

INCH

Size	d1	d2	d3	L
1"	22.1	70	76.2	213
1-1/2"	34.8	70	101.6	242
2"	47.5	70	114.3	300
2-1/2"	60.2	114.3	114.3	348
3"	72.9	114.3	154	378
4"	97.4	139.7	154	468



微孔过滤器 Micro-filter



应用

- 在食品加工, 化妆品和一些化学工业, 还有制药工业的辅助服务中, 过滤器有着广泛的应用。

Applications

- Filters are widely used in the auxiliary service for food processing, cosmetic, chemicals and pharmacy industries.

技术参数

- 过滤量 T/H: 0.5t/h~25t/h
- 过滤器使用压力 MPA: 0.1~0.6
- 滤筒: 1芯, 3芯, 5芯, 7芯, 9芯, 11芯, 13芯, 15芯
- 滤筒高度: 10", 20", 30", 40"
- 滤芯材质: 聚四氟乙烯 (PTFE), 聚丙烯 (PE), 尼龙 (nylon), 聚丙烯 (pp) 等
- 过滤孔径有: 0.1μm, 0.22μm, 1μm, 3μm, 5μm, 10μm
- 分质水性: (适用于气体) 和亲水性 (适用于液体) 滤芯, 可根据需要选用。
- 内表面处理粗糙度 Ra0.2μm。
- 滤芯材质: ASTM304/316L

Technical Specifications

- Capacity: 0.5t/h~25t/h
- Pressure: 0.10.6mpa
- Cartridge: 1core, 3cores, 5cores, 7core, 11core, 13cores, 15cores
- Length: 10", 20", 30", 40"
- Filter core material: PTFE/pe/nylon/pp
- Hole dia: 0.1μm, 0.22μm, 1μm, 3μm, 5μm, 10μm
- Water allan filter (or gas), water intimata filter (or liquid).
- Internal surface polish: Ra<0.2μm
- Cartridge material: ASTM304/316L

滤芯参数

- 根据过滤用途, 介质情况, 配置不同形式, 不同材质的滤芯, 如GMP厂制药用水, 可以和5um和1.0um 折叠膜筒式滤芯相连接使用, 在发酵工业中空气过滤, 可以对送入空气进行除菌, 除菌固体过滤, 也可对排废气进行处理, 达到美国细菌过滤 HIM 标准。
- 滤芯材质: 聚四氟乙烯 (pp) 滤芯, 聚四氟乙烯膜 (PTFE), 聚酰胺纤维膜 (CN-CA) 滤芯。
- 滤芯精度: 0.1~80μm
- 长度有: 10; 20; 30和40英寸 (即 250; 500; 750; 1000mm)
- 滤芯耐压: 0.42map, 可反冲。
- 接口方式有插入式 (222, 226 座两种) 和平嘴式两种。

Technical specifications

- Users should configure different material and type of different purpose and medium, for example, for GMP plantment industry, before inputting air, this filter can annihilate the bacteria; in addition, it can dispose the exhaust till the gas reaches HIM standard.
- Materials for filter: pp/ptfe/cn-ca
- Precision: 0.1-80μm
- Length: 10", 20", 30", 40" (250, 500, 750, 1000mm)
- Pressure resistance: plugged (222, 226 / flat style)

滤芯参数

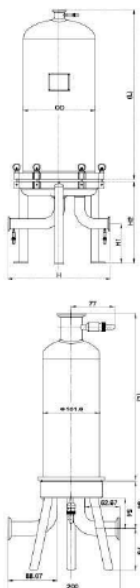
- 微孔过滤器它可以滤除液体, 气体的 0.1um 以上的微粒和细菌, 具有较高的精度, 过滤速度快, 吸附少, 无介质脱落, 耐酸碱腐蚀, 操作方便等优点, 现已广泛应用于医药, 化工, 电子, 饮料, 啤酒, 生化处理, 环保等工业的必备设备。
- 其特点是体积小, 重量轻, 使用面积大, 堵塞率低, 过滤速度快, 无污染, 热稳定性及化学稳定性好。
- 用户在使用前, 必须根据过滤用途, 介质情况, 配置不同形式, 不同材质的滤芯, 如 GMP 厂制药用水, 可以和 5um 和 1.0um 折叠膜筒式滤芯相连接使用, 在发酵工业中空气过滤, 可以对送入空气进行除菌, 除菌固体过滤, 也可对排废气进行处理, 达到美国细菌过滤 HIM 标准。

Technical specifications

- Micro-filter can eliminate the particulates and bacteria larger than 0.1um from liquids and gas, due to the following advantages: high precision, fast speed, low adsorption, no media fall off, acid resistant, base resistant, easy operation. It is widely used in pharmacy, chemical, winery, beverage industries, etc.
- Features: small volume, lightweight, large filter area, low jam, fast filter speed, non-pollution, good chemical and calorific stabilities.
- Users should configure different material and type of filter for different purpose and medium, for example, for GMP Pharmort water, we use 5um and 0.1um folded membrane filter, tandem, another one in ferment industry, before inputting air, this filter can annihilate the bacteria; in addition, it can dispose the exhaust till the gas reaches HIM standard.



微孔过滤器
Micro-filter



七芯过滤器
Seven Cores Filter

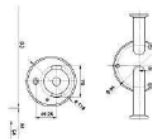
高度 Height size	L	OD	H	H1	H2	滤芯接口 Connection of Filter core
1	380	273	390	150	310	226(222)
20°	630	273	390	150	310	226(222)
30°	880	273	390	150	310	226(222)
40°	1130	273	390	150	310	226(222)

五芯过滤器
Five Cores Filter

高度 Height size	L	OD	H	H1	H2	滤芯接口 Connection of Filter core
10°	380	219	335	150	310	226(222)
20°	630	219	335	150	310	226(222)
30°	880	219	335	150	310	226(222)
40°	1130	219	335	150	310	226(222)

三芯过滤器
Three Cores Filter

高度 Height size	L	OD	H	H1	H2	滤芯接口 Connection of Filter core
10°	380	200	300	150	29	226(222)
20°	630	200	300	150	290	226(222)
30°	880	200	300	150	290	226(222)
40°	1130	200	300	150	290	226(222)



单芯过滤器
Single Cores Filter

高度 Height size	L	滤芯接口 Connection of Filter core
5°	233(185)	226(7#)
10°	360	226(7#)
20°	614	226(7#)
30°	868	226(7#)



卫生级清洗器
Sanitary Cleaner



固定式清洗球
Fixed Cleaning Ball



旋转清洗球
Spray Cleaning Ball



牛角式洗罐器
Spray Cleaner



电动洗罐器
Electric Tank Cleaner



自动洗罐器
Automatic Tank Cleaner



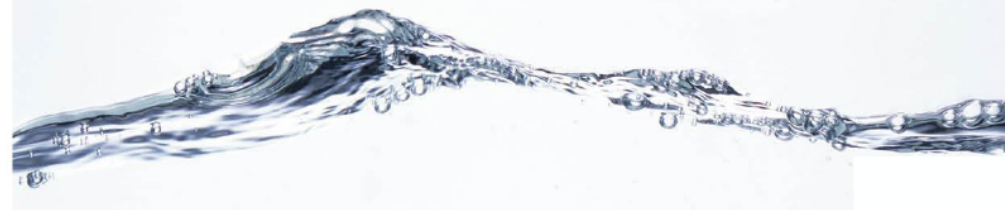
卫生级沉淀槽电动清洗器
Sanitary Electric Cleaner for Precipitation Tank

应用

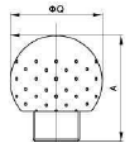
- 清洗器系列产品主要应用在食品加工，饮料，啤酒制药工业领域等罐设备上，对罐内部进行强力的喷射和清洗。
- 清洗球分为三大系列产品。
- 固定清洗球：360度全部喷射，180度喷射，喷射孔径2.5mm
- 旋转清洗球：球状为椭圆形和圆形，喷射口为扁槽状型
- 旋转清洗器：多位喷射式，工作时喷射口全部旋转喷射

Applications

- Cleaner series products are mainly used to spray strongly and clean inside of the tank, generally, in field of food-processing, beverage, beer, pharmaceutical industries.
- Cleaning ball is divided into three kinds of products:
- Fixed cleaning ball: 360 degree spray completely, 180 degree spray, aperture of spray is 2.5mm
- Rotary cleaning ball: ball is spherical and elliptical. Jet orifice looks flat slot shape
- Rotary cleaner: multi-position spray. When working the spray outlets rotate



卫生级清洗器
Sanitary Cleaner

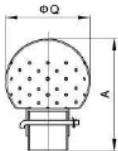


螺纹式固定清洗球
Threaded Fixed Cleaning Ball

Size	A	Q
1"	72.0	63.0
1-1/4"	85.0	76.0
1-1/2"	87.0	76.0
2"	102.0	91.0

技术参数
Technical Data

Size	压力 Pressure (bar)	清洗直径 Cleaning radius(m)	耗液量 360° /180° Fluxation m³/h
1"	2.5	1.0-1.25	17/10
1-1/4"-1-1/2"	2.5	1.25-1.75	23/17
2"	3.5	2.0-3.0	55/38
2-1/2"	3.5	3.0-3.5	58/41

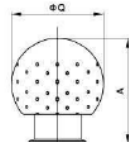


插销式固定清洗球
Bolted Fixed Cleaning Ball

Size	A	Q
1"	95.0	63.0
1-1/2"	110.0	76.0
2"	125.0	91.0
2-1/2"	135.0	100.0

技术参数
Technical Data

Size	压力 Pressure (bar)	清洗直径 Cleaning radius(m)	耗液量 360° /180° Fluxation m³/h
1"	2.5	1.0-1.25	17/10
1-1/4"-1-1/2"	2.5	1.25-1.75	23/17
2"	3.5	2.0-3.0	55/38
2-1/2"	3.5	3.0-3.5	58/41

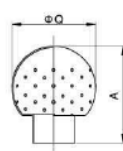


卡箍式固定清洗球
Clamp Fixed Cleaning Ball

Size	A	Q
1"	80.0	63.0
1-1/4"	93.0	76.0
1-1/2"	93.0	76.0
2"	108.0	91.0
2-1/2"	115.0	100.0

技术参数
Technical Data

Size	压力 Pressure (bar)	清洗直径 Cleaning radius(m)	耗液量 360° /180° Fluxation m³/h
1"	2.5	1.0-1.25	17/10
1-1/4"-1-1/2"	2.5	1.25-1.75	23/17
2"	3.5	2.0-3.0	55/38
2-1/2"	3.5	3.0-3.5	58/41



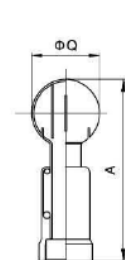
焊接式固定清洗球
Welded Fixed Cleaning Ball

Size	A	Q
1"	72.0	63.0
1-1/2"	85.0	63.0
2"	87.0	91.0
2-1/2"	102.0	100.0

技术参数
Technical Data

Size	压力 Pressure (bar)	清洗直径 Cleaning radius(m)	耗液量 (360° /180°) Fluxation m³/h
1"	2.5	1.0-1.25	17/10
1-1/4"-1-1/2"	2.5	1.25-1.75	23/17
2"	3.5	2.0-3.0	55/38
2-1/2"	3.5	3.0-3.5	58/41

卫生级清洗器
Sanitary Cleaner

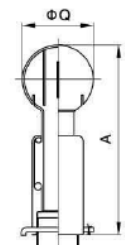


螺纹式旋转清洗球
Threaded Rotary Cleaning Ball

Size	A	Q
1"	140.0	53.0
1-1/4"	180.0	63.0
1-1/2"	170.0	63.0
2"	190.0	76.0
2-1/2"	220.0	91.0

技术参数
Technical Data

Size	压力 Pressure (bar)	清洗直径 Cleaning radius(m)	耗液量 Fluxation m³/h
1"-1.5"	2	1.25	12
2"	2	1.5	38
2.5"	2	2.0	38

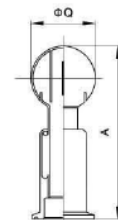


插销式旋转清洗球
Bolted Rotary Cleaning Ball

Size	A	Q
1"	135.0	53.0
1-1/4"	137.0	53.0
1-1/2"	137.0	53.0
2"	186.0	63.0
2-1/2"	190.0	76.0

技术参数
Technical Data

Size	压力 Pressure (bar)	清洗直径 Cleaning radius(m)	耗液量 Fluxation m³/h
1"-1.5"	2	1.25	12
2"	2	1.5	38
2.5"	2	2.0	38

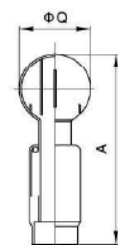


卡箍式旋转清洗球
Clamped Rotary Cleaning Ball

Size	A	Q
1"	138.0	53.0
1-1/4"	138.0	53.0
1-1/2"	138.0	53.0
2"	168.0	63.0
2-1/2"	190.0	76.0

技术参数
Technical Data

Size	压力 Pressure (bar)	清洗直径 Cleaning radius(m)	耗液量 Fluxation m³/h
1"-1.5"	2	1.25	12
2"	2	1.5	38
2.5"	2	2.0	38

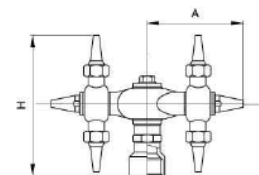


焊接式旋转清洗球
Welded Rotary Cleaning Ball

Size	A	Q
1"	143.0	53.0
1-1/4"	145.0	53.0
1-1/2"	145.0	53.0
2"	180.0	63.0
2-1/2"	200.0	76.0

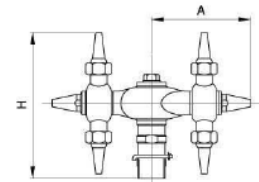
技术参数
Technical Data

Size	压力 Pressure (bar)	清洗直径 Cleaning radius(m)	耗液量 Fluxation m³/h
1"-1.5"	2	1.25	12
2"	2	1.5	38
2.5"	2	2.0	38



螺纹式旋转清洗器
Threaded Rotary Cleaner

Size	A	H	压力 Pressure (bar)	清洗直径 Cleaning radius(m)	耗液量 Fluxation m³/h
1"	118.0	165.0	1.5-2.0	2.0-3.0	23
1-1/2"	142.0	188.0	1.8-2.5	2.5-3.0	38
2"	145.0	191.0	2.5-3.0	3.5-4.0	60



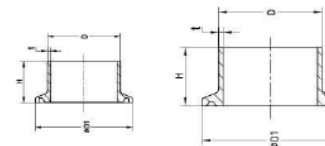
插销式旋转清洗器
Bolted Rotary Cleaner

Size	A	H	压力 Pressure (bar)	清洗直径 Cleaning radius(m)	耗液量 Fluxation m³/h
1"	118.0	175.0	1.5-2.0	2.0-3.0	23
1-1/2"	142.0	200.0	1.8-2.5	2.5-3.0	38
2"	145.0	205.0	2.5-3.0	3.5-4.0	60

管件 Fittings

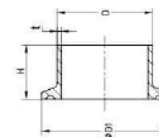


卫生级卡箍接头 Sanitary Ferrule



3A 卡箍接头
3A Ferrule

Size	D	D1	H			t
			14WMP	14MMP	14AMP	
1/2"	12.7	25.4	12.7	21.5	26.6	1.65
3/4"	19.1	25.4	12.7	21.5	26.6	1.65
1"	25.4	50.5	12.7	21.5	26.6	1.65
1 1/2"	38.1	50.5	12.7	21.5	26.6	1.65
2"	50.8	84	12.7	21.5	26.6	1.65
2 1/2"	63.5	77.5	12.7	21.5	26.6	1.65
3"	76.2	91	12.7	21.5	26.6	1.65
4"	101.6	119	15.8	21.5	26.6	2.11
6"	152.4	167	22.2	21.5	38.1	2.80
8"	203.2	217.4	22.2	21.5	38.1	2.80
10"	254	268	22.2	21.5	38.1	3.50



SMS 快装接头
SMS Ferrule

Size	D	D1	H		t
			14WMP	14MMP	
19	19.1	25.4	12.7	21.0	1.5
25	25.4	50.5	12.7	21.0	1.5
32	31.8	50.5	12.7	21.0	1.5
38	38.1	50.5	12.7	21.0	1.5
51	50.8	64.0	12.7	21.0	1.5
63	63.5	77.5	12.7	21.0	2.0
76	76.2	91.0	12.7	21.0	2.0
89	88.9	106.0	12.7	21.0	2.0
102	101.6	119.0	15.8	21.0	2.0



DIN11850 系列 O&Z 卡箍接头
DIN11850 Series O&Z Ferrule

Size	D		D1	H	t	
	0	2			0	2
DN10	12	13	34	18	1.5	1.5
DN15	18	19	34	18	1.5	1.5
DN20	22	23	34	18	1.5	1.5
DN25	28	29	50.5	21.5	1.5	1.5
DN32	34	35	50.5	21.5	1.5	1.5
DN40	40	41	50.5	21.5	1.5	1.5
DN50	52	53	64	21.5	1.5	1.5
DN65	70	-	91	28	-	2
DN80	85	-	106	28	-	2
DN100	104	-	119	28	-	2
DN125	129	-	144.5	28	-	2
DN150	154	-	155	28	-	2
DN150	154	-	197	28	-	2
DN150	154	-	183	28	-	2
DN200	204	-	217.4	28	-	2
DN200	204	-	233.5	28	-	2
DN250	254	-	288	28	-	2
DN300	304	-	319	28	-	2

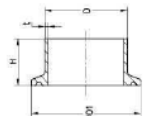
管件
Fittings

卫生级卡箍接头
Sanitary Ferrule



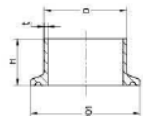
卫生级管支架系列
Sanitary Pipe Holders

管件
Fittings



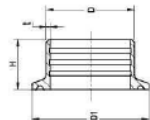
ISO IDF 卡箍接头
ISO IDF Ferrule

Size	D	D1	H	t
1/2"	12.7	25.4	21.5	1.5/1.0
3/4"	19.1	25.4	21.5	1.5/1.0
1"	25.4	50.5	21.5	1.5/1.2
1 1/4"	31.8	50.5	21.5	1.5/1.2
1 1/2"	38.1	50.5	21.5	1.5/1.2
45	45	64	21.5	1.5
2"	50.8	64	21.5	1.5
57	57	77.5	21.5	2.0
2 1/2"	63.5	77.5	21.5	2.0
3"	76.2	91	21.5	2.0
0 1/2"	69	106	21.5	2.0
4"	101.6	119	21.5	2.0
108	108	119/130	21.5	2.0
114.3	114.3	130	21.5	2.0
133	133	155	28	3.0
159	159	183	28	3.0
204	204	217.4	28	2.0
219	219	238.5	28	3.0
254	254	286	28	2.0
304	304	319	28	2.0



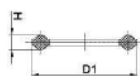
ISO 1127 卡箍接头
ISO 1127 Ferrule

Size	D	D1	H	t
21.3	21.3	50.5	21.5	1.6
26.9	26.6	50.5	21.5	1.6
33.7	33.7	50.5	21.5	2.0
42.4	42.4	64	21.5	2.0
48.3	48.3	64	21.5	2.0
60.3	60.3	77.5	21.5	2.0
76.5	76.1	91	21.5	2.0
88.9	88.9	108	21.5	2.0
114.3	114.3	130	21.5	2.0
139.7	139.7	155	28.0	2.0
163.5	163.0	193	30.0	3.8
219.1	219.1	233.5	28.0	3.8



3A 扩展式快装接头
3A Expansion joints of fast loading

Size	D	D1	H
1"	29.5	90.5	19.1
1 1/2"	42.5	90.5	23.8
2"	55.7	61	33.3
2 1/2"	68.8	77.5	34.9
3"	82	91	35.5
4"	108	119	38.1



INCH 卡箍密封圈
INCH Ferrule sealing

Size	D1	H
1"	50.5	5
1 1/2"	50.5	5
2"	64	5.5
2 1/2"	77.5	5.5
3"	91	5.5
3 1/2"	106	5.5
4"	119	5.5
4 1/2"	130	5.5
5"	144.5	5.5
6"	155	5.5
8"	167	5.5
10"	183	5.5
12"	217.4	5.5
14"	233.5	5.5
16"	258	5.5
18"	286	5.5
20"	319	5.5



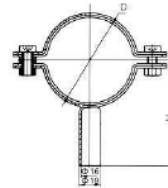
DIN 卡箍密封圈
DIN Ferrule sealing

Size	D1	H
DN10	34	5
DN15	34	5
DN20	34	5
DN25	50.5	5
DN32	50.5	5
DN40	50.5	5
DN50	64	5.5
DN65	91	5.5
DN80	106	5.5
DN100	119	5.5
DN125	144.5	5.5
DN150	165	5.5
DN175	167	5.5
DN200	183	5.5
DN250	217.4	5.5
DN300	233.5	5.5
DN350	268	5.5
DN400	319	5.5



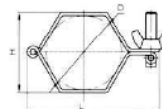
3A 卡箍垫圈
3A Ferrule gasket

Size	D1	H
1/2"	20.3	5
3/4"	20.3	5



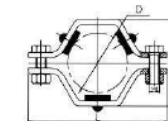
圆形管支架
Bolt Round pipe holder

Size	D	H
1/2"	12.7	58.4
3/4"	19.1	62.5
1"	25.4	65.7
1 1/2"	38.1	72
2"	50.8	78.4
2 1/2"	63.5	84.8
3"	76.2	91
4"	101.6	103.8
5"	129	117.5
6"	154	130
8"	204	155
10"	254	180
12"	304	205



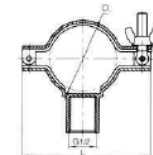
六角型管支架
Hexagon pipe holder

Size	D	L	H
1"	25.4	87	29
1 1/2"	38.1	101.6	40
2"	50.8	114.3	52
2 1/2"	63.5	120.6	66
3"	76.2	139.7	77
4"	101.6	171.4	104



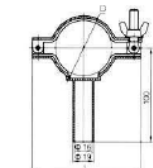
六角型管支架
Hexagon pipe holder

Size	D	L
1"	25.4	87
1 1/2"	38.1	101.6
2"	50.8	114.3
2 1/2"	63.5	120.6
3"	76.2	139.7
4"	101.6	171.4



圆形管支架
Bolt Round pipe holder

Size	D	L
1"	25.4	61
1 1/2"	38.1	76
2"	50.8	90
2 1/2"	63.5	106
3"	76.2	120
4"	101.6	146



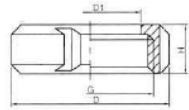
管件
Fittings

SMS 由任
SMS Union



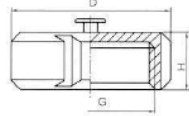
由任
Union

管件
Fittings



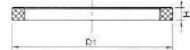
圆螺母 (推荐系列)
Round nut(recommended series)

Size	D	D1	G	H
e25	50	32	Rd40x1/6	20
e32	59	40	Rd48x1/6	20
e38	71.5	51	Rd60x1/6	21
e51	81	60.5	Rd70x1/6	22
e63	97	75	Rd85x1/6	24
e76	110	88	Rd98x1/6	24
e89	125	100	Rd105x1/6	27
e102 min	138	113	Rd125x1/4	27
e102 max	148	120.5	Rd132x1/6	27



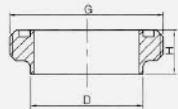
盲螺母 (推荐系列)
Blind nut(recommended series)

Size	D	G	H
e25	50	Rd40x1/6	20
e32	59	Rd48x1/6	20
e38	71.5	Rd60x1/6	21
e51	81	Rd70x1/6	22
e63	97	Rd85x1/6	24
e76	110	Rd98x1/6	24
e89	125	Rd105x1/6	27
e102 min	138	Rd125x1/4	27
e102 max	146	Rd132x1/6	27



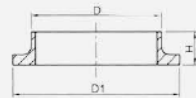
垫圈
Gasket

Size	D1	H
e25	31.8	5.5
e32	40	5.5
e38	48	5.5
e51	61	5.5
e63	73	5.5
e76	86	6
e89	98	6
e102	114	6



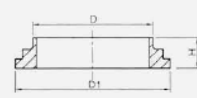
螺纹接头 (推荐系列)
Male (recommended series)

Size	D	G	H
e25	25.4	Rd40x1/6	20
e32	31.8	Rd48x1/6	21
e38	38.1	Rd49x1/6	19
e51	50.8	Rd70x1/6	20
e63	63.5	Rd85x1/6	24
e76	76.2	Rd98x1/6	22
e89	89	Rd105x1/6	25
e102 min	101.6	Rd125x1/4	29
e102 max	101.6	Rd132x1/6	29



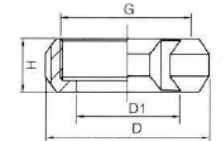
平接头 (圆弧型)
Circular liner

Size	D	D1	H
e25	25.4	35.5	12
e32	31.8	43.5	12
e38	38.1	55.5	13
e51	50.8	66.5	13
e63	63.5	80	15
e76	76.2	90	14
e89	89	105	15
e102 min	101.6	118	15
e102 max	101.6	127.5	15



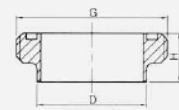
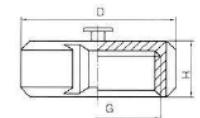
平接头 (台阶型)
Stepped liner

Size	D	D1	H
e25	25.4	35.5	12
e32	31.8	43.5	12
e38	38.1	55.5	13
e51	50.8	65.5	13
e63	63.5	80.5	15
e76	76.2	90	14
e89	89	105	15
e102 min	101.6	118	15
e102 max	101.6	127.5	15



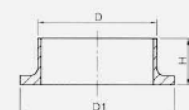
长型圆螺母 / 盲螺母 (可带链条)
Long round nut / Blind nut
(available with chain)

Size	D	G	H
e25	51	Rd40x1/6	20
e38	74	Rd60x1/6	26
e51	84	Rd70x1/6	26
e63	100	Rd85x1/6	30
e76	114	Rd98x1/6	32
e102 min	140	Rd125x1/4	32
e102 max	154	Rd132x1/6	45



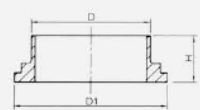
长型螺纹接头
Long male

Size	D	G	H
e25	25.4	Rd40x1/6	19
e38	38.1	Rd48x1/6	23
e51	50.8	Rd70x1/6	23
e63	63.5	Rd85x1/6	27
e76	76.2	Rd98x1/6	27
e102 min	101.6	Rd125x1/4	30
e102 max	101.6	Rd132x1/6	30



长型平接头 (圆弧型)
Long circular liner

Size	D	D1	H
e25	25.4	35.5	15
e38	38.1	55.5	20
e51	50.8	65.5	20
e63	63.5	80	21
e76	76.2	93	21
e102 min	101.6	118	21
e102 max	101.6	127.5	21



长型平接头 (台阶型)
Long stepped liner

Size	D	D1	H
e25	25.4	35.5	15
e38	38.1	55.5	20
e51	50.8	65.5	20
e63	63.5	80.5	21
e76	76.2	93.5	21
e102 min	101.6	118	21
e102 max	101.6	127.5	21

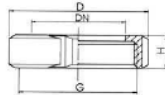
管件
Fittings

DIN 由任
DIN Union



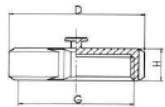
DIN 由任垫圈
DIN Union gasket

Size	D1	H
DN10	20	4
DN15	26	5
DN20	33	5
DN25	40	5
DN32	46	5
DN40	52	5
DN50	64	5
DN65	81	5
DN80	96	5
DN100	114	5
DN125	142	6
DN150	167	6



DIN 圆螺母
DIN Round nut

Size	DN	D	G	H
DN10	19	38	Rd28x1/8	18
DN15	25	44	Rd34x1/8	18
DN20	31	54	Rd44x1/6	20
DN25	36	62	Rd52x1/6	21
DN32	42	70	Rd58x1/6	21
DN40	49	77	Rd66x1/6	21
DN50	62	91	Rd78x1/6	22
DN65	80	112	Rd95x1/6	25
DN80	94	125	Rd110x1/4	27
DN100	115	147	Rd130x1/4	29
DN125	138	178	Rd160x1/4	32
DN150	164	208	Rd190x1/4	34



DIN 盲螺纹接头
DIN Blind male

Size	D	G	H
DN15	18	Rd34x1/8	17
DN20	22	Rd44x1/8	19
DN25	28	Rd52x1/6	20
DN32	34	Rd58x1/6	20
DN40	40	Rd65x1/6	20
DN50	52	Rd78x1/6	21
DN65	70	Rd95x1/6	23
DN80	85	Rd110x1/4	25
DN100	104	Rd130x1/4	28
DN125	129	Rd160x1/4	30
DN150	154	Rd190x1/4	32

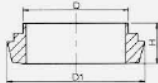
DIN 盲平接头
DIN Blind ferrule

Size	D	D1	H
DN15	28	24	9
DN20	36	30	11
DN25	44	35	13
DN32	50	41	13
DN40	56	48	13
DN50	68	51	15
DN65	86	79	16
DN80	100	96	16
DN100	121	114	20
DN125	150	137	22
DN150	176	163	24



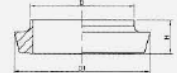
DIN11850 系列 0&2 短螺纹接头
DIN11850 series 0&2 Short male

Size	D	G	H
DN15	19/19	Rd34x1/8	17
DN20	22/23	Rd44x1/8	19
DN25	28/29	Rd52x1/6	20
DN32	34/35	Rd58x1/6	23
DN40	40/41	Rd65x1/6	21
DN50	52/53	Rd78x1/6	22
DN65	70	Rd95x1/6	25
DN80	85	Rd110x1/4	25
DN100	104	Rd130x1/4	30
DN125	129	Rd160x1/4	33
DN150	154	Rd190x1/4	35



DIN11850 系列 0&2 短型台阶型平接头
DIN11850 series 0&2 Short Stepped liner

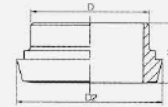
Size	D	D1	H
DN15	19/19	28	13
DN20	22/23	36	15
DN25	28/29	44	17
DN32	34/35	50	17
DN40	40/41	56	19
DN50	52/53	68	20
DN65	70	86	20
DN80	85	100	23
DN100	104	121	26
DN125	129	150	33
DN150	154	176	34



DIN11850 系列 0&2 短型平接头
DIN11850 series 0&2 Short Liner

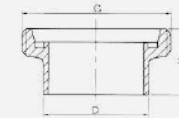
Size	D	D1	H
DN10	12/13	22	13
DN15	16/19	28	13
DN20	22/23	36	13
DN25	28/29	44	15.5
DN32	34/35	50	16
DN40	40/41	56	16
DN50	52/53	68	17
DN65	70	86	17
DN80	85	100	17
DN100	104	121	21
DN125	129	150	25
DN150	154	176	30

DIN 由任
DIN Union



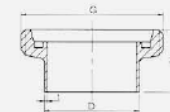
DIN11851 长厚型平接头
DIN11851 Long liner

Size	D	D1	H
DN10	15	22	17
DN15	21	29	17
DN20	25	38	19
DN25	31	44	22
DN32	37	50	25
DN40	43	58	26
DN50	55	68	29
DN65	72	88	32
DN80	87	100	37
DN100	106	121	44
DN125	132	150	34
DN150	157	178	37



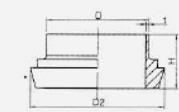
DIN11851 长厚型螺纹接头
DIN11851 Long male

Size	D	G	H
DN10	15	Rd28x1/8	21
DN15	21	Rd34x1/8	21
DN20	25	Rd44x1/6	24
DN25	31	Rd52x1/6	29
DN32	37	Rd58x1/6	32
DN40	43	Rd65x1/6	33
DN50	55	Rd78x1/6	35
DN65	72	Rd95x1/6	40
DN80	87	Rd110x1/4	45
DN100	106	Rd130x1/4	54
DN125	132	Rd160x1/4	48
DN150	157	Rd190x1/4	60



DIN11850 系列 0&2 长型螺纹接头
DIN11850 Series 0&2 Long male

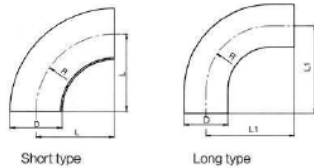
Size	D	t	G	H	
DN10	12	19	1.5	Rd28x1/8	21
DN15	18	19	1.5	Rd34x1/8	21
DN20	22	23	1.5	Rd44x1/6	24
DN25	28	29	1.5	Rd52x1/6	29
DN32	34	35	1.5	Rd58x1/6	32
DN40	40	41	1.5	Rd65x1/6	33
DN50	52	53	1.5	Rd78x1/6	35
DN65	-	70	2	Rd95x1/6	40
DN80	-	85	2	Rd110x1/4	45
DN100	-	104	2	Rd130x1/4	54
DN125	-	129	2	Rd160x1/4	48
DN150	-	154	2	Rd190x1/4	60



DIN11850 系列 0&2 长型平接头
DIN11850 Series 0&2 Long liner

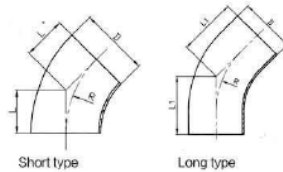
Size	D	t	D2	H	
DN10	12	19	1.5	22	17
DN15	18	19	1.5	29	17
DN20	22	23	1.5	38	19
DN25	28	29	1.5	44	22
DN32	34	35	1.5	50	25
DN40	40	41	1.5	58	26
DN50	52	53	1.5	68	29
DN65	-	70	2	88	32
DN80	-	85	2	100	37
DN100	-	104	2	121	44
DN125	-	129	2	150	34
DN150	-	154	2	176	37

3A 卫生级焊接管件
3A Sanitary Welded Pipe-fittings



3A 焊接式 90° 弯头
3A Welded Elbow (90°)

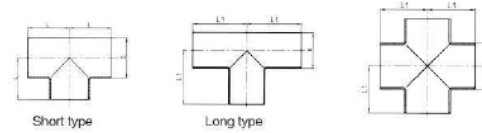
Size	D	L	L1	R
1/2"	12.7	10.1	38	19.1
3/4"	19.1	28.5	38	28.5
1"	25.4	38.1	52.4	38.1
1 1/4"	31.8	47.7	69.7	47.7
1 1/2"	38.1	57.2	74.8	57.2
2"	50.8	76.2	103.2	76.2
2 1/2"	63.5	95.3	131.8	95.3
3"	76.2	114.3	180.3	114.3
4"	101.6	152.4	211.1	152.4
6"	152.4	228.6	280	228.6



3A 焊接式 45° 弯头
3A Welded Elbow (45°)

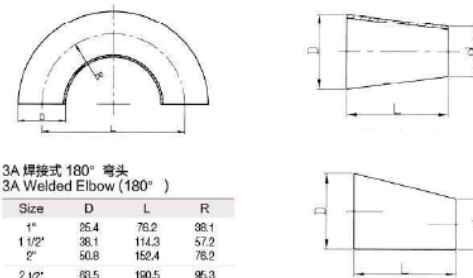
Size	D	L	L1	R
1/2"	12.7	7.0	19.3	19.1
3/4"	19.1	11.8	19.3	28.5
1"	25.4	15.8	30.1	38.1
1 1/4"	31.8	19.8	41.8	47.7
1 1/2"	38.1	23.8	41.8	57.2
2"	50.8	31.8	58.8	76.2
2 1/2"	63.5	39.7	78.2	95.3
3"	76.2	47.6	93.7	114.3
4"	101.6	63.5	122.2	152.4
6"	152.4	94.7	158.8	228.6

3A 卫生级焊接管件
3A Sanitary Welded Pipe-fittings



3A 焊接式 180° 弯头
3A Welded Elbow (180°)

Size	D	L	R
1"	25.4	76.2	38.1
1 1/2"	38.1	114.3	57.2
2"	50.8	152.4	76.2
2 1/2"	63.5	190.5	95.3
3"	76.2	228.6	114.3
4"	101.6	304.8	152.4



3A 焊接型三通、四通
3A Welded Tee & Cross

Size	D	L	L1
1/2"	12.7	38	38
3/4"	19.1	38	38
1"	25.4	28.5	47.6
1 1/4"	31.8	35	55
1 1/2"	38.1	42	57.2
2"	50.8	52.8	78.2
2 1/2"	63.5	59.5	78.2
3"	76.2	65.9	82.6
4"	101.6	87.4	98.4
6"	152.4	127	127

3A 焊接式大小头
3A Welded Reducer

Size	D	d	L
3/4"-1/2"	19.1	12.7	25.4
1"-1/2"	25.4	12.7	38.1
1"-3/4"	25.4	19.1	25.4
1 1/8"-1/2"	33.1	12.7	63.5
1 1/2"-3/4"	38.1	19.1	50.8
1 1/2"-1"	38.1	25.4	50.8
2"-1/2"	50.8	12.7	114.3
2"-3/4"	50.8	19.1	101.6
2"-1"	50.8	25.4	101.6
2"-1 1/8"	50.8	38.1	50.8
2 1/2"-1/2"	63.5	12.7	165
2 1/2"-3/4"	63.5	19.1	152.4
2 1/2"-1"	63.5	25.4	152.4
2 1/2"-1 1/2"	63.5	38.1	101.6
2 1/2"-2"	63.5	50.8	50.8
3"-1"	76.2	25.4	203.2
3"-1 1/2"	76.2	38.1	152.4
3"-2"	76.2	50.8	101.6
3"-2 1/2"	76.2	63.5	50.8
4"-1"	101.6	25.4	304.9
4"-1 1/2"	101.6	38.1	254
4"-2"	101.6	50.8	203.2
4"-2 1/2"	101.6	63.5	152.4
4"-3"	101.6	76.2	101.6
6"-3"	152.4	76.2	155.7
6"-4"	152.4	101.6	155.7

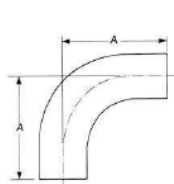


BPE 卫生级焊接管件
BPE Sanitary Welded Pipe-fittings



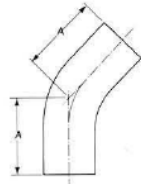
BPE 管件壁厚公差范围
Table DT-6 final tolerances for electropolished fittings and process components

Nominal Size in.	Wall Thickness	
	in.	mm
1/4"	+0.003/-0.006	+0.08/-0.15
3/8"	+0.003/-0.006	+0.08/-0.15
1/2"	+0.005/-0.010	+0.13/-0.25
3/4"	+0.005/-0.010	+0.13/-0.25
1"	+0.005/-0.010	+0.13/-0.25
1 1/2"	+0.005/-0.010	+0.13/-0.25
2"	+0.005/-0.010	+0.13/-0.25
2 1/2"	+0.005/-0.010	+0.13/-0.25
3"	+0.005/-0.010	+0.13/-0.25
4"	+0.008/-0.012	+0.20/-0.30
6"	+0.015/-0.017	+0.38/-0.43



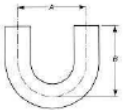
BPE 焊接式弯头 (90°)
BPE Welded Elbow (90°)

Nominal Size in.	A	
	in.	mm
1/4"	2.000	50.8
3/8"	2.000	50.8
1/2"	2.250	57.2
3/4"	2.250	57.2
1"	2.250	57.2
1 1/2"	2.500	63.5
2"	3.000	76.2
2 1/2"	3.375	85.7
3"	3.625	92.1
4"	4.500	114.3
6"	6.250	158.8



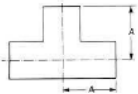
BPE 焊接式弯头 (45°)
BPE Welded Elbow (45°)

Nominal Size in.	A	
	in.	mm
1/4"	2.625	66.7
3/8"	2.625	66.7
1/2"	3.000	76.2
3/4"	3.000	76.2
1"	3.000	76.2
1 1/2"	3.750	95.3
2"	4.750	120.7
2 1/2"	5.500	139.7
3"	6.250	158.8
4"	8.000	203.2
6"	11.500	292.1



BPE 焊接弯头 (180°)
BPE Welded Elbow (180°)

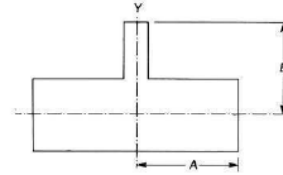
Nominal Size in.	A		B	
	in.	mm	in.	mm
1/4"	4.500	114.3	2.625	66.7
3/8"	4.500	114.3	2.625	66.7
1/2"	4.500	114.3	3.000	76.2
3/4"	4.500	114.3	3.000	76.2
1"	3.000	76.2	3.000	76.2
1 1/2"	4.500	114.3	4.500	114.3
2"	6.000	152.4	5.000	127.0
2 1/2"	7.500	190.5	5.750	146.1
3"	9.000	228.6	6.500	165.1
4"	12.000	304.8	8.500	215.9
6"	18.000	457.2	11.500	292.1



BPE 焊接式三通 / 四通
BPE Welded Tee and Cross

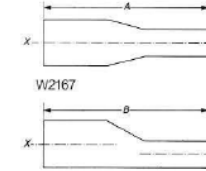
Nominal Size in.	A	
	in.	mm
1/4"	1.750	44.5
3/8"	1.750	44.5
1/2"	1.875	47.6
3/4"	2.000	50.8
1"	2.125	54.0
1 1/2"	2.375	60.3
2"	2.875	73.0
2 1/2"	3.125	79.4
3"	3.375	85.7
4"	4.125	104.8
6"	5.625	142.9

BPE 卫生级焊接管件
BPE Sanitary Welded Pipe-fittings



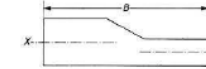
BPE 焊接式异径三通
BPE Welded Reducing Tee

Nominal Size, in.	X	Y	A		B	
			in.	mm	in.	mm
3/8	1/4	1.750	44.5	1.750	44.5	
1/2	1/4	1.875	47.5	1.875	47.6	
1/2	3/8	1.875	47.6	1.875	47.6	
3/4	1/4	2.000	50.8	2.000	50.8	
3/4	3/8	2.000	50.8	2.000	50.8	
3/4	1/2	2.000	50.8	2.000	50.8	
1	1/4	2.125	54.0	2.125	54.0	
1	3/8	2.125	54.0	2.125	54.0	
1	1/2	2.125	54.0	2.125	54.0	
1	3/4	2.125	54.0	2.125	54.0	
1 1/2	1/2	2.375	60.3	2.375	60.3	
1 1/2	3/4	2.375	60.3	2.375	60.3	
1 1/2	1	2.375	60.3	2.375	60.3	
2	1/2	2.875	73.0	2.625	66.7	
2	3/4	2.875	73.0	2.625	66.7	
2	1	2.875	73.0	2.625	66.7	
2	1 1/2	2.875	73.0	2.625	66.7	
2 1/2	1/2	3.125	79.4	2.875	73.0	
2 1/2	3/4	3.125	79.4	2.875	73.0	
2 1/2	1	3.125	79.4	2.875	73.0	
2 1/2	1 1/2	3.125	79.4	2.875	73.0	
2 1/2	2	3.125	79.4	2.875	73.0	
3	1/2	3.375	85.7	3.125	79.4	
3	3/4	3.375	85.7	3.125	79.4	
3	1	3.375	85.7	3.125	79.4	
3	1 1/2	3.375	85.7	3.125	79.4	
3	2	3.375	85.7	3.125	79.4	
3	2 1/2	3.375	85.7	3.125	79.4	
4	1/2	4.125	104.8	3.625	92.1	
4	3/4	4.125	104.8	3.625	92.1	
4	1	4.125	104.8	3.625	92.1	
4	1 1/2	4.125	104.8	3.625	92.1	
4	2	4.125	104.8	3.625	92.1	
4	2 1/2	4.125	104.8	3.625	92.1	
4	3	4.125	104.8	3.625	92.1	
6	3	5.625	142.9	4.875	123.8	
6	4	5.625	142.9	5.125	130.2	



Concentric Reducer
(同心大小头)

W2167



Eccentric Reducer
(偏心大小头)

Nominal Size, in.	X	Y	A		B	
			in.	mm	in.	mm
3/8	1/4	3.250	82.6	4.000	101.6	
1/2	1/4	3.250	82.6	4.000	101.6	
1/2	3/8	3.250	82.6	4.000	101.6	
3/4	1/4	3.250	82.6	4.000	101.6	
3/4	3/8	3.250	82.6	4.000	101.6	
3/4	1/2	4.000	101.6	4.000	101.6	
1	1/4	4.500	114.3	4.500	114.3	
1	3/8	4.500	114.3	4.500	114.3	
1	1/2	4.500	114.3	4.500	114.3	
1	3/4	4.000	101.6	4.000	101.6	
1 1/2	1/2	5.500	139.7	5.500	139.7	
1 1/2	3/4	5.000	127.0	5.000	127.0	
1 1/2	1	5.000	127.0	5.000	127.0	
2	1/2	7.750	196.9	7.750	196.9	
2	3/4	7.250	184.2	7.250	184.2	
2	1	7.250	184.2	7.250	184.2	
2	1 1/2	5.250	133.4	5.250	133.4	
2 1/2	1/2	8.750	247.7	9.750	247.7	
2 1/2	3/4	8.250	235.0	9.250	235.0	
2 1/2	1	8.250	235.0	9.250	235.0	
2 1/2	1 1/2	7.250	184.2	7.250	184.2	
2 1/2	2	5.500	139.7	5.500	139.7	
3	1	11.250	285.8	11.250	285.8	
3	1 1/2	8.250	235.0	9.250	235.0	
3	2	7.500	190.5	7.500	190.5	
3	2 1/2	5.500	139.7	5.500	139.7	
4	1	16.500	393.7	16.500	393.7	
4	1 1/2	13.500	342.9	13.500	342.9	
4	2	11.750	298.5	11.750	298.5	
4	2 1/2	9.750	247.7	9.750	247.7	
4	3	7.750	196.9	7.750	196.9	
6	3	10.000	254.0	9.750	247.7	
6	4	10.000	254.0	10.000	254.0	

管件

Fittings

管件

Fittings

DIN 卫生级焊接管件
DIN Sanitary Welded Pipe-fittings

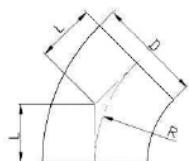
DIN 卫生级焊接管件
DIN Sanitary Welded Pipe-fittings

管件

Fittings

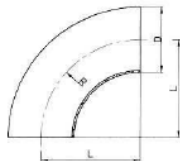
管件

Fittings



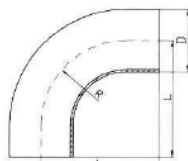
DIN 焊接式弯头 (45°)
DIN Welded Elbow (45°)

Size	D	L	R
DN10	12	10.7	26
DN15	18	14.5	35
DN20	22	16.5	40
DN25	28	20.7	50
DN32	34	22.8	55
DN40	40	24.8	60
DN50	52	29	70
DN65	70	33.2	80
DN80	85	37.3	90
DN100	104	41.5	100
DN125	129	47.5	117
DN150	154	53.2	125



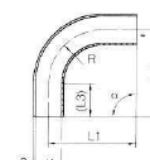
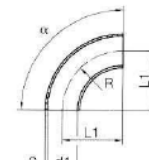
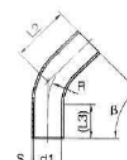
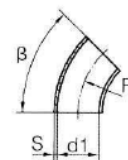
DIN 焊接式弯头 (90°)
DIN Welded Elbow (90°)

Size	D	L	R
DN10	12	26	26
DN15	18	35	35
DN20	22	40	40
DN25	28	50	50
DN32	34	55	55
DN40	40	60	60
DN50	52	70	70
DN65	70	80	80
DN80	85	90	90
DN100	104	100	100
DN125	129	117	117
DN150	154	125	125
DN200	204	300	300



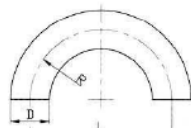
DIN 加直端焊接弯头 (90°)
DIN Welded Elbow (90°)
with straight end

Size	D	L	R
DN10	12	40	26
DN15	18	47	35
DN20	22	52	40
DN25	28	70	50
DN32	34	78	55
DN40	40	85	60
DN50	52	97	70
DN65	70	110	80
DN80	85	118	90
DN100	104	140	100
DN125	129	167	117
DN150	154	205	125



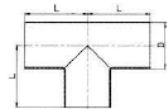
DIN 11850 系列 2 焊接式弯头
DIN11850 Series 2 Welded Elbow

Size	OD*t	d1	S	R	L0	L1	L2	L3	L4
10	18x1.5	10	1.5	26	26	51	35.8	25	52
15	19x1.5	16	1.5	35	35	60	39.5	25	70
20	23x1.5	20	1.5	40	40	65	41.8	25	80
25	29x1.5	26	1.5	50	50	90	60.7	40	100
32	35x1.5	32	1.5	55	55	95	62.8	40	110
40	41x1.5	38	1.5	60	60	100	64.9	40	120
50	53x1.5	50	1.5	70	70	110	69	40	140
65	70x2.0	66	2.0	80	80	120	73.1	40	160
80	85x2.0	81	2.0	90	90	145	92.3	55	180
100	104x2.0	100	2.0	100	100	155	96.4	55	200
125	129x2.0	125	2.0	187.5	187.5	245	135.2	57.5	375
150	154x2.0	150	2.0	225	225	-	-	-	-
200	204x2.0	200	2.0	300	300	-	-	-	-



DIN 焊接式弯头 (180°)
DIN Welded Elbow (180°)

Size	D	L	R
DN25	28	100	50
DN32	34	110	55
DN40	40	120	60
DN50	52	140	70
DN65	70	160	80
DN80	85	180	90
DN100	104	200	100



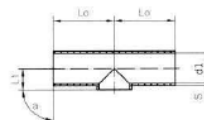
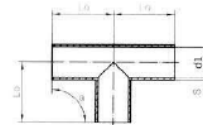
Long-type



Short-type

DIN 焊接三通 / 四通
DIN Welded Tee/ Cross

Size	D	L	L1
DN10	12	26	7.5
DN15	18	35	10.5
DN20	22	40	12.5
DN25	28	50	16
DN32	34	55	18.5
DN40	40	60	22.5
DN50	52	70	30
DN65	70	80	39.5
DN80	85	90	47.5
DN100	104	100	58
DN125	129	117	70.5
DN150	154	125	83



DIN 11850 系列 2 焊接三通
DIN11850 Series 2 welded tee

Size	OD*t	d1	S	L0	L1
10	13x1.5	10	1.5	35	-
15	19x1.5	16	1.5	35	11.0±0.5
20	23x1.5	20	1.5	40	13.0±0.5
25	29x1.5	26	1.5	50	16.0±0.75
32	35x1.5	32	1.5	55	19.5±0.75
40	41x1.5	38	1.5	60	23.0±1
50	53x1.5	50	1.5	70	30.0±1
65	70x2.0	66	2.0	80	40.0±1.5
80	85x2.0	81	2.0	90	47.5±1.5
100	104x2.0	100	2.0	100	58.0±1.5
125	129x2.0	125	2.0	187.5	74.0±3
150	154x2.0	150	2.0	225	90.0±3
200	204x2.0	200	2.0	300	115.0±3.75

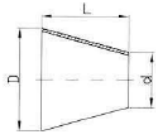


DIN 卫生级焊接管件
DIN Sanitary Welded Pipe-fittings

SMS/DS 卫生级焊接管件
SMS/DS Sanitary Welded Pipe-fittings

管件
Fittings

管件
Fittings

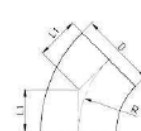


DIN 短型大小头
DIN Short-type Welded Reducer

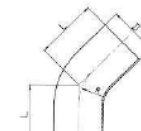
Size	D	d	L	Size	D	d	L
DN15-DN10	18	12	11	DN65-DN50	70	52	29
DN20-DN10	22	12	18	DN65-DN40	70	40	51
DN20-DN15	22	18	7	DN65-DN50	70	52	29
DN25-DN15	28	18	18	DN80-DN40	85	40	78
DN25-DN20	28	22	11	DN80-DN50	85	52	56
DN32-DN20	34	22	22	DN80-DN65	85	70	27
DN32-DN25	34	28	11	DN100-DN50	104	52	90
DN40-DN20	40	22	33	DN100-DN65	104	70	61
DN40-DN25	40	28	22	DN100-DN80	104	85	34
DN40-DN32	40	34	11	DN125-DN80	129	85	90
DN50-DN25	52	28	44	DN125-DN100	129	104	45
DN50-DN32	52	34	33	DN150-DN100	154	104	90
DN60-DN40	62	40	22	DN150-DN125	154	129	45
DN65-DN25	70	28	73	DN200-DN150	204	154	90

DIN 长型大小头
DIN Long-type Welded Reducer

Size	D	d	L	Size	D	d	L
DN25-DN16	22	16	60	DN65-DN40	70	40	120
DN25-DN20	28	22	60	DN65-DN50	70	52	130
DN32-DN20	34	22	80	DN80-DN40	85	40	140
DN32-DN25	34	28	80	DN80-DN50	85	52	125
DN40-DN20	40	22	102	DN80-DN65	85	70	120
DN40-DN25	40	28	102	DN100-DN50	104	52	160
DN40-DN32	40	34	88	DN100-DN65	104	70	127
DN50-DN25	52	28	115	DN100-DN80	104	85	120
DN50-DN32	52	34	129	DN125-DN80	129	85	150
DN50-DN40	52	40	113	DN125-DN100	129	104	150
DN65-DN25	70	28	125	DN150-DN100	154	104	170
DN65-DN32	70	34	125	DN150-DN125	154	129	170



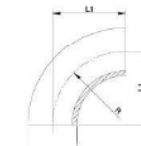
Short-type



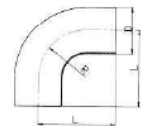
Long-type

SMS/DS 焊接弯头 (45°)
SMS/DS Welded Elbow (45°)

Size	D	L	L1	R
1"	25.4	45	15.8	25
1 1/4"	31.8	53.3	19.8	32
1 1/2"	38.1	56.7	23.7	38
2"	50.8	63.3	21.6	51
2 1/2"	63.5	80.6	29.5	63.5
3"	76.2	82	47.3	76
4"	101.6	108.9	68.1	150



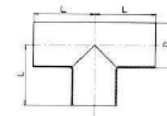
Short-type



Long-type

SMS/DS 焊接弯头 (90°)
SMS/DS Welded Elbow(90°)

Size	D	L	L1	R
1"	25	55	38.1	25
1 1/4"	32	64	47.7	32
1 1/2"	38	70	57.2	38
2"	51	82	76.2	51
2 1/2"	63.5	105	95.3	63.5
3"	76	110	114.3	76
4"	101.6	150	152.4	150



SMS/DS 长型焊接三通
SMS-DS Long type Welded Tee

Size	D	L
1"	25	55
1 1/4"	32	64
1 1/2"	38	70
2"	51	82
2 1/2"	63.5	105
3"	76	110
4"	101.6	150

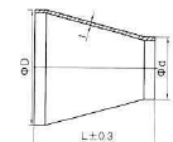


SMS/DS 卫生级焊接管件
SMS/DS Sanitary Welded Pipe-fittings

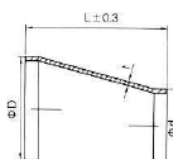
ISO/IDF 卫生级焊接管件
ISO/IDF Sanitary Welded Pipe-fittings

管件

Fittings



同心大小头
Concentric Reducer



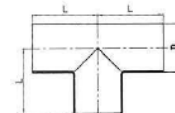
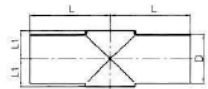
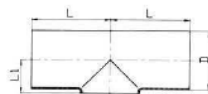
偏心大小头
Eccentric Reducer

SMS/DS 焊接式大小头
SMS/DS Welded Reducer

Size	D	d	L
0.75/0.5"	19.1	12.7	28
1/0.5"	25	12.7	30
1"/0.75"	25	19.1	30
1.25/1"	32	25	33
1.5/1"	38	25	39
1.5/1.25"	38	32	39
2/1"	51	25	57
2"/1.25"	51	32	57
2"/1.5"	51	38	39
2.5/1"	63.5	25	57
2.5/1.25"	63.5	32	57
2.5/1.5"	63.5	38	57
2.5/2"	63.5	51	39
3/1"	76.2	25	74
3"/1.25"	76.2	32	74
3/1.5"	76.2	38	74
3/2"	76.2	51	57
3/2.5"	76.2	63.5	39
4/1.5"	101.6	38	95
4/2"	101.6	51	95
4/2.5"	101.6	63.5	78
4/3"	101.6	76.2	60

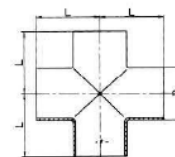
SMS/DS 短型焊接三通 / 四通
SMS-DS Short type Welded Tee and Cross

Size	D	L	L1
1"	25	55	14.5
1 1/4"	32	64	18.5
1 1/2"	38	70	21.5
2"	51	82	29.5
2 1/2"	63.5	105	36
3"	76	110	43
4"	101.6	150	57



ISO/IDF 焊接式三通 / 四通
ISO/IDF Welded Tee/ Cross

Size	D	L
25	25.4	33.5
32	31.8	39
38	38.1	48.5
51	50.8	60.5
63	63.5	63.5
76	76.2	88.5
89	89	103.5
102	101.6	127
127	127	190.5
152	152.4	228.6

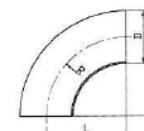
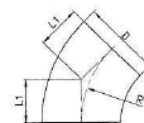


管件

Fittings

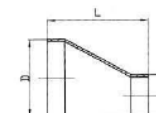
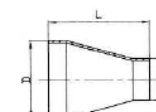
ISO/IDF 焊接式弯头
ISO/IDF Welded Elbow

Size	D	L	L1	R
12.7	12.7	19.1	7.9	19.1
19	19.1	29.5	11.8	28.5
25	25.4	33.5	13.9	33.5
32	31.8	38	15.7	38
38	38.1	48.5	20.1	48.5
45	45	57.5	23.8	57.5
51	50.8	60.5	25.1	60.5
57	57	68	28.1	68
63	63.5	83.5	34.6	83.5
76	76.2	93.5	36.7	93.5
89	89	103.5	42.9	103.5
102	101.6	127	52.6	127
100	100	152	63	152
114.3	114.3	152	63	152
133	133	190	78.7	190
159	159	228.5	94.8	228.6
204	204	300	124.3	300
210	210	305	128.4	302
254	254	372	155.4	375
304	304	450	188.4	450



ISO/IDF 焊接式大小头
ISO/IDF Welded reducer

Size	D	d	L
1"-3/4"	25.4	19.1	38
1 1/4"-1"	31.8	25.4	50
1 1/2"-1"	38.1	25.4	50
1 1/2"-1 1/4"	38.1	31.8	50
2"-1"	50.8	25.4	67
2"-1 1/4"	50.8	31.8	67
2"-1 1/2"	50.8	31.8	67
2 1/2"-1"	63.5	25.4	67
2 1/2"-1 1/2"	63.5	38.1	67
2 1/2"-2"	63.5	50.8	67
3"-1 1/2"	76.2	38.1	67
3"-2"	76.2	50.8	67
3 1/2"-2"	89	50.8	67
3 1/2"-2 1/2"	89	63.5	67
3 1/2"-3"	89	76.2	78
3"-4"	101.6	50.8	67
4"-2 1/2"	101.6	63.5	87
4"-3"	101.6	76.2	87
4"-3 1/2"	101.6	89	87

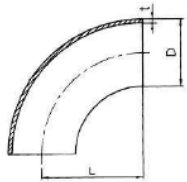


ISO1127 卫生级焊接管件
ISO1127 Sanitary Welded Pipe-fittings

BS4825 卫生级焊接管件
BS4825 Sanitary Welded Pipe-fittings

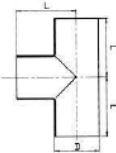
管件
Fittings

管件
Fittings



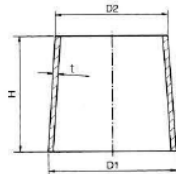
ISO1127 焊接式弯头 (90°)
ISO1127 Welded Elbow (90°)

Size	A	L	t
21.3	21.3	38	2.5
25.9	25.9	38	2.5
33.7	33.7	38	3
42.4	42.4	48	3
48.3	48.3	57	3
50.3	50.3	76	3
76.1	76.1	96	3
89.9	89.9	114	3
101.6	101.6	133	3
114.3	114.3	152	3



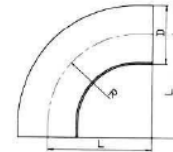
ISO1127 焊接式三通
ISO1127 Welded Tee

Size	D	L	t
21.3	21.3	25	2.5
25.9	25.9	29	2.5
33.7	33.7	38	3
42.4	42.4	48	3
48.3	48.3	57	3
50.3	50.3	64	3
76.1	76.1	76	3
89.9	89.9	96	3
101.6	101.6	100	3
114.3	114.3	105	3
129	129	124	3
139	139.7	124	3
154	154	140	3
168	168.3	143	3
219	219.1	178	3



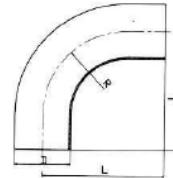
ISO1127 焊接式大小头
ISO1127 Welded Reducer

Size	D1	D2	H	t
17.2	17.2	13.7	38	2
21.3	21.3	17.2	38	2
25.9	25.9	17.2	51	2
33.7	33.7	17.2	51	2
42.4	42.4	21.3	51	2
48.3	48.3	25.9	64	2
50.3	50.3	25.9	64	2
76.1	76.1	33.7	69	2
89.9	89.9	42.4	69	2
101.6	101.6	48.3	69	2
114.3	114.3	50.3	69	2
129	129	50.3	69	2
139	139.7	50.3	69	2
154	154	50.3	69	2
168	168.3	50.3	69	2
219	219.1	76.1	69	2



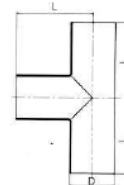
BS4825 焊接式弯头 (90°)
BS4825 Welded Elbow (90°)

Size	D	L	R
1"	25.4	43.5	38.1
1 1/2"	31.8	53.5	47.7
1 1/2"	38.1	63.5	57.2
2"	50.8	88.5	76.2
2 1/2"	63.5	113.5	95.3
3"	76.2	133.5	114.3
4"	101.6	173.5	152.4



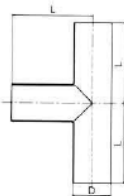
BS4825 加直端焊接式弯头 (90°)
BS4825 Welded Elbow (90°) with Straight End

Size	D	L	R
1/2"	12.7	46	19.1
5/8"	15.9	56	23.8
3/4"	19.1	60	29.8
1"	25.4	66	36.1
1 1/4"	31.8	76	47.7
1 1/2"	38.1	86	57.2
2"	50.8	110	76.2
2 1/2"	63.5	136	95.3
3"	76.2	156	114.3
4"	101.6	196	152.4
4 1/2"	114.3	210	171.5
5 1/2"	139.7	250	209.6
6 5/8"	168.3	296	252.5
8 5/8"	219.1	370	328.7



BS4825 焊接式三通
BS4825 Welded Tee

Size	D	L
1"	25.4	43.5
1 1/4"	31.8	53.5
1 1/2"	38.1	63.5
2"	50.8	88.5
2 1/2"	63.5	113.5
3"	76.2	133.5
4"	101.6	173.5



BS4825 长型焊接三通
BS4825 Long-type Welded Tee

Size	D	L
1/2"	12.7	46
5/8"	15.9	56
3/4"	19.1	60
1"	25.4	66
1 1/4"	31.8	76
1 1/2"	38.1	86
2"	50.8	110
2 1/2"	63.5	136
3"	76.2	156
4"	101.6	196
4 1/2"	114.3	210
5 1/2"	139.7	250
6 5/8"	168.3	296
8 5/8"	219.1	370

奶桶
leglin

说明性文字

管件

Fittings



离心式涡流乳化机 Centrifugal Vortex Emulsification Machine

特点

- 由转子的高速旋转，所处理的物料沿轴向被吸入分散头后呈放射状甩出齿槽。作用在物料上的加速度产生强大的剪切力和破碎粒。另外，定转子间隙产生的强紊流对于物料起到良好的混合作用。

Features

- The material in the axial direction by the high speed rotation of the rotor is sucked processed dispersing head is thrown radially cogging. Acceleration acting on the material to produce a strong shear force and broken grains. In addition, the strong turbulence generated by the rotor gap materials play a good mix for the role.



乳化机

Emulsifier

磁力搅拌器 Magnetic Stirrer

特点

- 独特无菌开放式叶轮设计
- KNCJ 型系列磁力搅拌器叶轮独特设计。在整个旋转过程中产生不同压力。以保障液体连续从叶轮底向下旋转产生旋涡，从而保证液体混合得到充分的连续性和均匀防止泡沫产生，以此来避免物料局部分层现象。
- 适合在线清洗 / 灭菌 CIP / SIP
- 叶轮采用液流通道式及开放式设计，完全可以在线自清洗 / 在线灭菌 CIP / SIP，替代以往磁力搅拌器人工取出叶轮损害衬套、无法在线清洗及灭菌缺陷。
- 磁力驱动装置、保证无泄漏
- 采用磁力驱动装置，无轴和轴封结构，保证无泄露，消除交叉污染。

Features

- Unique sterile open-impeller design
- KNCJ series magnetic stirrer impeller unique design. In the course of the rotation produce different pressures. To protect the liquid from the impeller under a continuous upward spiral rotation, thus ensuring the continuity of the liquid is fully mixed and uniform to prevent the bubble, in order to avoid the stratification of local materials.
- For line cleaning / sterilization CIP / SIP
- Impeller type and open flow channel design, complete online self-cleaning / Online sterilization CIP / SIP, replacing the traditional magnetic stirrer impeller manually remove the damaged bushing, line cleaning and sterilization can not be defective.
- Magnetic drive to ensure no leakage
- With magnetic drive, no shaft and seal the structure to ensure no leakage, eliminate cross-contamination.



无轴和轴封的半开式结构
No shaft and seal the semi-open structure

技术参数

Technical parameters

产品型号	KNCJ _{A1}	KNCJ _{A2}	KNCJ _{A3}	KNCJ _{A4}
容量	50-300L	400-1000L	1500-3000L	4000-8000L
叶轮直径	Φ140	Φ184	Φ190	Φ220
主机功率	0.25kw	0.55kw	1.5kw	2.2kw



高剪切乳化泵 High Shear Emulsifying Pump

概述

SRH 高剪切均质乳化泵是采用国际先进技术制造的多用途混合乳化设备。该产品的专业制造技术和制造精度基本接近国际同类产品。高剪切均质乳化机是一种集混合、分散、破碎、溶解、精细、解聚、均质、乳化为一体的高效型产品。主要工作部件由定子、转子组成。定子与转子快速旋转的离心力和液力作用下，将物料进行了强烈剪切、离心挤压、撞击破裂、液层摩擦、湍流均匀等综合作用。从而使不相溶的固相、液相、气相等多种介质在瞬间均匀精细、分散乳化。经过往复循环，使原来的产品达到稳定的高品质产品。使用该系列产品后，使原有的传统生产工艺进一步简化，生产效率大幅度提高，产品质量明显提高。该系列产品广泛应用于石油化工、精细化工、日用化工、生物制药、食品工艺、造纸、环保、油漆涂料等行业。

Overview

SRH High shear emulsifiers/homogeneous pumps are all-purpose compound & emulsifier equipment with advanced manufacture technical in the world, its professional technic and manufacture precision can approach international similar product. The main parts are stators and rotors. At the centrifugal and fluid forces created by the rapid turning of the rotors, the stators exercise on the materials strong power shearing, centrifugal pressing, breaking, fluid friction, turbulent homogenizing and the solid, fluid, and volatile materials are quickly refined, homogenized,

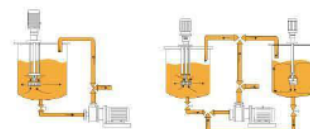
disaggregated, and emulsified. The repeat of this process can result in stable and high-quality products. These serial products can greatly simplify the traditional production processes and upgrade the production efficiency and product quality. It are widely used in petrochemical, refinery chemistry, consumer chemicals, biology pharmaceuticals, foods processing, pap-ermaking, environmental protection, paint and so on.



SRH1

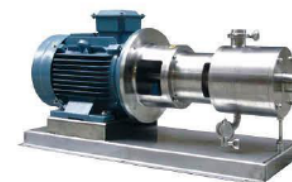
SRH1 主要技术参数 Main technical parameter

型号 Model	电机功率 (kw) Power	转速 (rpm) Speed	流量范围 (m³/h) Flow
SRH-60	1.5	2800	0-1.5
SRH-100	2.2	2800	0-3
SRH-130	4	2800	0-4
SRH-140	5.5	2800	0-5
SRH-165	7.5	2800	0-8
SRH-180	11	2800	0-12
SRH-185	15	2800	0-18
SRH-200	22	2800	0-25
SRH-210	30	2800	0-35
SRH-230	45	2800	0-50
SRH-245	55	2800	0-75
SRH-260	75	2800	0-90
SRH-275	90	2800	0-110
SRH-280	132	2800	0-130



SRH3 主要技术参数 Main technical parameter

型号 Model	电机功率 (kw) Power	转速 (rpm) Speed	流量范围 (m³/h) Flow
SRH-3-60	4	2800	0-4
SRH-3-100	7.5	2800	0-8
SRH-3-120	11	2800	0-12
SRH-3-140	15	2800	0-18
SRH-3-165	22	2800	0-22
SRH-3-200	37	2800	0-30
SRH-3-220	55	2800	0-40
SRH-3-240	75	2800	0-55
SRH-3-260	90	1480	0-65
SRH-3-300	110	1480	0-80
SRH-3-360	132	1480	0-100
SRH-3-390	160	1480	0-120
SRH-3-400	185	1480	0-140



SRH3

高剪切乳化机 High Shear Emulsifying Machine

概述

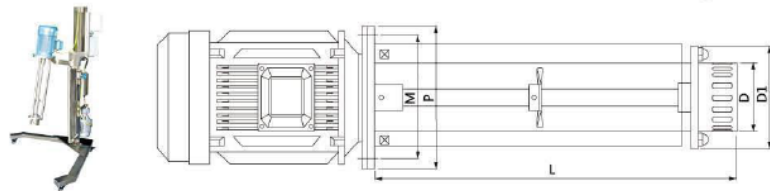
- WRL 高剪切均质乳化机是一种直立式安装的乳化设备。定转子设计为爪式耦合结构，物料从主机上部与下部同时吸入，并向四周离心抛出，剪切均质效率成倍提高，避免釜内上部物料易产生死角问题。该产品适用于在各种大、小反应釜、普通容器上进行均质、精细、乳化。小容量乳化也可以进行移动吊装使用。

Overview

- WRL high shear emulsifying machine is a vertical type emulsifying equipment installation. Rotor design for claw coupling structure, material from the host upper and lower while inhaling, and thrown to the surrounding centrifugal, shearing homogenization efficiency is greatly improved, avoiding the kettle upper material easy to dead angle problem. The product is suitable for all kinds of large, in a small reactor, container for homogeneous, fine, emulsion. Small capacity of emulsion can also use mobile crane.



安装图 Installation map



主要技术参数 Main technical parameter

型号 Model	功率/kw Power	转速/rpm Pspeed	处理量/L Handling Capacity	D	D1	P	L	M
WRL-90	1.5	2800	10-50	80	145	200	355	165
WRL-100	2.2	2800	50-100	88	145	200	650	165
WRL-120	4	2800	100-300	120	180	250	750	215
WRL-140	7.5	2800	300-800	140	210	300	900	265
WRL-160	11	2800	500-1500	160	230	350	1080	300
WRL-180	15.5	2800	800-2000	180	250	350	1200	300
WRL-200	22	1400	800-2500	200	270	350	1200	300
WRL-220	30	1400	1000-3500	220	300	400	1355	350
WRL-240	45	1400	1500-5000	260	340	450	1385	400
WRL-270	55	1400	2000-8000	290	340	550	1600	500
WRL-300	75	1400	3000-10000	320	420	550	1650	500

工业阀门 Industrial Valves



法兰
Flange



不锈钢快速接头
Stainless Steel Fast Joint Series

- 产品均按照不同的材质进行生产，材质包括：316、316L、304L、304、321 等进行制造。
- 所有产品所用材料均经过仔细的检验，并对成品进行定期的控制和管理，也可按照用户的要求进行制造。
- All products are made from different material such as: 316, 316L, 304L, 304, 321.
- All material used in product are inspected carefully, control and manage the products regularly, and also make according to the requirements of customers.



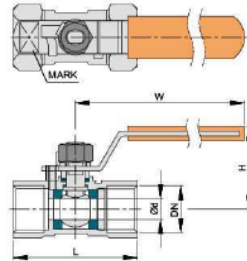
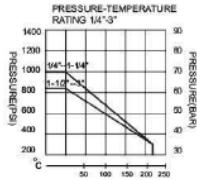
工业阀门

Industrial valves

工业阀门

Industrial valves

1000PSI 一片式球阀 1PC Ball Valve



1000PSI/PN63 DIMENSION

SIZE	L	φd	H	W	TORQUE N.M	CV
1/4"	41	5	35	65	3	1
3/8"	45	7	37	70	3	1.2
1/2"	55	9	44	90	3	1.3
3/4"	59	12.5	47	90	4	2
1"	70	15	50	105	5	3.4
1-1/4"	76	20	57	105	7	7.1
1-1/2"	84	25	69	130	8	12.4
2"	97	32	75	150	15	20.3
2-1/2"	124	40	95	180	22	28.5
3"	148	49	105	180	25	47.5

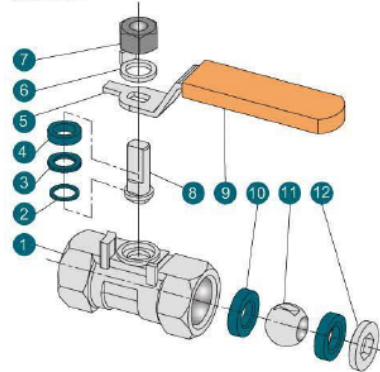
PRESSURE TESTING

STANDARD PRESSURE	1000PSI
SHELL PRESSURE TESTING	10.4Mpa
WATER SEAL TESTING	7.6Mpa
AIR SEAL TESTING	0.4-0.7Mpa

Features

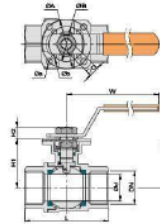
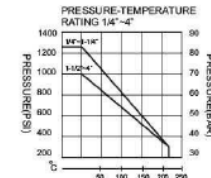
- 1000WOG,PN63
- Reduce Port
- Locking Device Handle Upon Request
- Blow-Out Proof Stem
- PTFE Packing Sealing
- Design Standard:ASME B16.34
- Thread:ASME B1.201/BS21/DIN2999/DIN259/ISO228/1
- Testing Standard:API 598/SP-110

DRAWING



MATERIAL LIST			
ITEM	PART NAME	MATERIAL	
1	BODY	CF8M	CF8 WCB
2	THRUST WASHER	PTFE	
3	STEM PACKING	PTFE	
4	GLAND	SUS304	
5	HANDLE	SUS304	
6	STOP WASHER	SUS304	
7	NUT	SUS304	
8	STEM	SUS316	SUS304
9	HANDLE COVER	VINYL	
10	BALL SEAT	PTFE	R-PTFE
11	BALL	SUS316	SUS304
12	END CAP	CF8M	CF8

1000PSI 两片式高平台球阀 2PC Ball Valve Iso-Direct Mounting Pad



Features

- 1000WOG,PN63
- Full Port
- Locking Device Handle Upon Request
- Blow-Out Proof Stem
- PTFE Packing Sealing
- Balance Hole in Ball Slot
- Design Standard:ASME B16.34
- Spring Ball Seat for Self-Adjustment
- ISO5211 Direct Mounting Pad Top Flange
- Testing Standard:API 598/SP-110

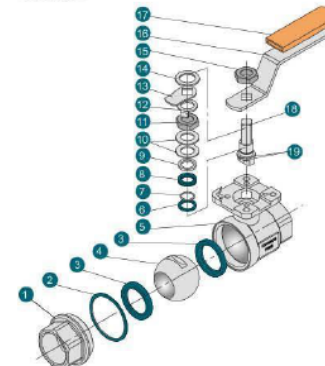
PRESSURE TESTING

STANDARD PRESSURE	1000PSI
SHELL PRESSURE TESTING	10.4Mpa
WATER SEAL TESTING	7.6Mpa
AIR SEAL TESTING	0.4-0.7Mpa

1000PSI/PN63 DIMENSION

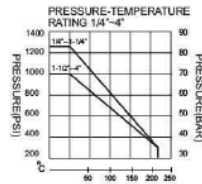
SIZE	L	φd	W	H	H1	H2	φA	φB	φa	φb	□ G	TORQUE N.M	CV
1/4"	50	11.5	110	60	36	8	42	36	6	5.5	9	4	2
3/8"	60	12	110	60	36	8	42	36	6	5.5	9	4	2
1/2"	75	15	110	64	38	8.5	42	36	6	5.5	9	5	3.4
3/4"	80	20	120	80	42	9	42	36	6	5.5	9	7	7.1
1"	90	25	145	93	51.5	11	50	42	7	6	11	8	12.4
1-1/4"	110	32	145	96	56.5	11	50	42	7	6	11	15	20.3
1-1/2"	120	40	160	126	70	14	70	50	9	7	14	22	28.5
2"	140	50	170	129	77.5	15	70	50	9	7	14	25	47.5
2-1/2"	165	65	230	148	95	18	100	70	11	9	17	50	76
3"	205	80	260	152	107	18	100	70	11	9	17	85	108.4
4"	240	100	300	167	125	19	100	70	11	9	19	115	198

DRAWING



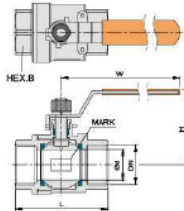
MATERIAL LIST			
ITEM	PART NAME	MATERIAL	
1	CAP	CF8M	CF8 WCB
2	BODY GASKET	PTFE	R-PTFE
3	BALL SEAT	PTFE	RPTFE
4	BALL	SUS316	SUS304
5	BODY	CF8M	CF8 WCB
6	THRUST WASHER	SUS304	
7	C-RING	VITON	
8	STEM PACKING	PTFE	
9	GLAND	SUS304	
10	BELLVILLE WASHER	SUS304	
11	STOP NUT	A194-8	
12	STOP WASHER	SUS304	
13	LOCKING WASHER	SUS304	
14	WASHER	SUS304	
15	STEM NUT	A194-8	
16	HANDLE	SUS304	
17	HANDLE COVER	PLASTIC	
18	STEM	SUS316	SUS304
19	ANTI-STATIC DEVICE	SUS304	

1000PSI 两片式球阀 2PC Ball Valve



Features

- Full Port
- Locking Device Handle Upon Request
- Blow-Out Proof Stem
- Blanko Hole in Ball Slot
- Spring Ball Seat Design
- Precision Casting
- Design Standard ASME B16.34
- Testing Standard API 598/EP-110
- Light Type & DIN3202-M3 Available



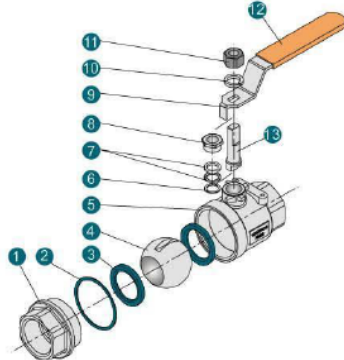
PRESSURE TESTING

STANDARD PRESSURE	1000PSI
SHELL PRESSURE TESTING	10.4Mpa
WATER SEAL TESTING	7.6Mpa
AIR SEAL TESTING	0.4-0.7Mpa

1000PSI/PN63
DIMENSION
L* = DIN3202-M3

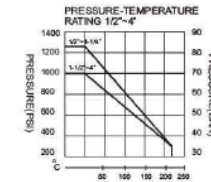
SIZE	L*	L	φd	W	H	TORQUE N.M	CV
1/4"	50	55	10.5	100	50	4	2
3/8"	60	55	12	100	50	4	2
1/2"	75	82	15	130	80	5	3.4
3/4"	80	72	20	130	64	7	7.1
1"	90	84	25	165	71	8	12.4
1-1/4"	110	97	32	165	78	15	20.3
1-1/2"	120	104	38	190	86	22	28.5
2"	140	120	40	190	95	25	47.5
2-1/2"	185	150	62	215	130	50	76
3"	205	164	76	250	148	65	108.4
4"	240	200	96	280	180	115	198

DRAWING



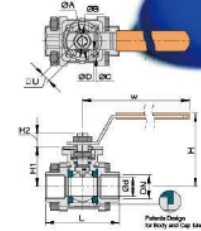
ITEM	PART NAME	MATERIAL
1	CAP	CF8M
2	CAP GASKET	PTFE
3	BALL SEAT	PTFE
4	BALL	SUS316
5	BODY	CF8M
6	THRUST WASHER	PTFE
7	STEM PACKING	PTFE
8	STOP NUT	SUS304
9	HANDLE	SUS304
10	SPRING WASHER	SUS304
11	NUT	SUS304
12	HANDLE COVER	PLASTIC
13	STEM	SUS316

1000PSI 三片式高平台球阀 3PC BALL VALVE ISO-DIRECT MOUNTING PAD



Features

- Spring Ball Seat for Self-Adjust
- Full Port
- Locking Device Handle Upon Request
- Blow-Out Proof Stem
- V-Ring Packing Sealing
- Blanko Hole in Ball Slot
- Design Standard ASME B16.34
- Anti-Static Device
- Butt-Welding end/Socket End Available
- Testing Standard API 598/EP-110



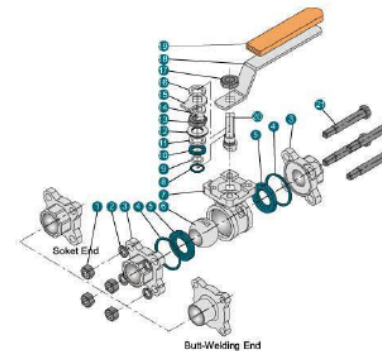
PRESSURE TESTING

STANDARD PRESSURE	1000PSI
SHELL PRESSURE TESTING	10.4Mpa
WATER SEAL TESTING	7.6Mpa
AIR SEAL TESTING	0.4-0.7Mpa

1000PSI/PN63
DIMENSION

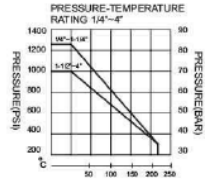
SIZE	L	φd	W	H	H1	H2	φA	φB	φC	φD	U	TORQUE N.M	CV
1/2"	70	15	125	80	40	8.5	42	36	6	6	9	5	3.4
3/4"	80	20	125	64	44	8.5	42	36	6	6	9	7	7.2
1"	90	25	155	79.5	52	11	50	42	7	6	11	9	12.5
1-1/4"	110	32	155	87	57	11	50	42	7	6	11	15	20.3
1-1/2"	116	38	195	106	70	14	70	50	8.5	7	14	22	28.5
2"	136	49	195	115	80	15	70	50	8.5	7	14	25	47.5
2-1/2"	185	65	245	136	94.5	18	102	70	11	9	17	50	76
3"	200	76	245	147	103	18	102	70	11	9	17	85	108.5
4"	235	96	300	165	123	19	102	70	11	9	19	113	198

DRAWING



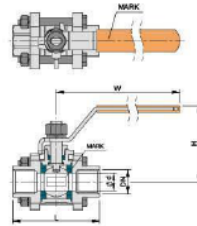
ITEM	PART NAME	MATERIAL
1	NUT	A194-8
2	SPRING WASHER	SUS304
3	CAP	CF8M
4	BODY GASKET	PTFE
5	BALL SEAT	PTFE
6	BALL	SUS316
7	BODY	CF8M
8	THRUST WASHER	PTFE
9	O-RING	VITON
10	STEM PACKING	PTFE
11	GLAND	SUS304
12	ELLVILLE WASHER	SUS304
13	STOP NUT	A194-8
14	STOP WASHER	SUS304
15	LOCKING WASHER	SUS304
16	WASHER	SUS304
17	STEM NUT	A194-8
18	HANDLE	SUS304
19	HANDLE COVER	PLASTIC
20	STEM	SUS316
21	BOLT	A193-B8

1000PSI 三片式球阀 3PC BALL VALVE



Features

- 1000psi/PN63
- Full Port
- Locking Device Handle Upon Request
- Blow-Out Proof Stem
- PTFE Packing Sealing
- Blanko Hole in Ball Slot
- Design Standard: AGME B16.34
- Precision Casting
- ISO6211 Mounting Pad Top Flange
- Testing Standard: API 598/SP-110



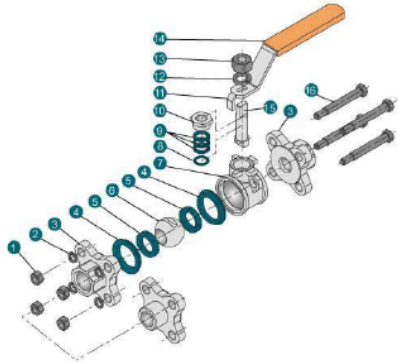
PRESSURE TESTING

STANDARD PRESSURE	1000PSI
SHELL PRESSURE TESTING	10.4Mpa
WATER SEAL TESTING	7.8Mpa
AIR SEAL TESTING	0.4-0.7Mpa

1000PSI/PN63 DIMENSION

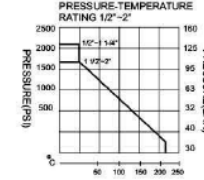
SIZE		L	d	H	W	TORQUE N.M	CV
1/4"	DN8	67	12.5	59	100	3.5	2
3/8"	DN10	67	12.5	59	100	4	2
1/2"	DN15	70	15	61	120	5	3.5
3/4"	DN20	80	20	67	125	7	7.1
1"	DN25	90	25	74	150	8	12.4
1-1/4"	DN32	110	32	82	160	15	20.3
1-1/2"	DN40	119	38	90	190	22	28.6
2"	DN50	140	49	105	200	25	47.5
2-1/2"	DN65	160	63	120	265	50	76
3"	DN80	201	76	137	310	85	108.4
4"	DN100	234	96	157	310	115	196

DRAWING



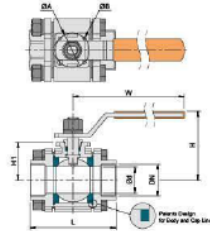
ITEM	PART NAME	MATERIAL
1	NUT	A194-8
2	SPRING WASHER	SUS304
3	CAP	CF8M CF8
4	BODY GASKET	PTFE R-PTFE
5	BALL SEAT	PTFE R-PTFE
6	BALL	SUS316 SUS304
7	BODY	CF8M CF8
8	THRUST WASHER	PTFE
9	STEM PACKING	PTFE
10	STOP NUT	SUS304
11	HANDLE	SUS304
12	SPRING WASHER	SUS304
13	STEM NUT	A194-8
14	HANDLE COVER	PLASTIC
15	STEM	SUS316 SUS304
16	BOLT	A193-B8

2000PSI 三片式低平台球阀 3PC BALL VALVE ISO-MOUNTING PAD



Features

- Full Port
- Locking Device Handle Upon Request
- 2000WOG/PN125
- Blow-Out Proof Stem
- ISO5211 Top Flange
- Spring Ball Seat Design
- Precision Casting
- Design Standard: AGME B16.34
- Testing Standard: API 598/SP-110



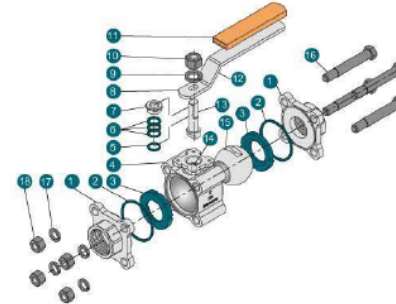
PRESSURE TESTING

STANDARD PRESSURE	2000PSI
SHELL PRESSURE TESTING	20.7Mpa
WATER SEAL TESTING	15.2Mpa
AIR SEAL TESTING	0.4-0.7Mpa

2000PSI/PN125 DIMENSION

SIZE		L	d	W	H	H1	A	B	TORQUE N.MV	CV
1/2"	DN15	70	15	125	63	32	36	M5	5	3.4
3/4"	DN20	82	20	125	67	36	36	M5	7	7.1
1"	DN25	90	25	165	78	43	42	M5	8	12.4
1-1/4"	DN32	110	32	165	82	48	42	M5	15	20.3
1-1/2"	DN40	120	38	200	98	55	50	M6	22	28.5
2"	DN50	145	49	200	109	66	50	M6	25	47.5

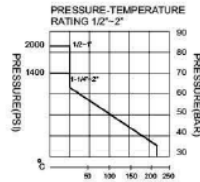
DRAWING



ITEM	PART NAME	MATERIAL
1	CAP	CF8M CF8 WCB
2	BODY GASKET	PTFE
3	BALL SEAT	PTFE R-PTFE PEEK
4	BODY	CF8M CF8 WCB
5	THRUST WASHER	PTFE R-PTFE
6	STEM PACKING	PTFE
7	STOP NUT	SUS304
8	HANDLE	SUS304
9	SPRING WASHER	SUS304
10	STEM NUT	SUS304
11	HANDLE COVER	PLASTIC
12	HANDLE	SUS304
13	STEM	SUS316 SUS304
14	PIN	SUS304
15	BALL	SUS316 SUS304
16	BOLT	SUS304
17	SPRING WASHER	SUS304
18	NUT	SUS304

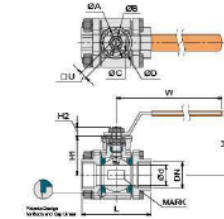


2000PSI 三片式高平台球阀 3PC BALL VALVE ISO-DIRECT MOUNTING PAD



Features

- 2000WCG, PN125
- Full Port
- Locking Device Handle Upon Request
- Blow-Out Proof Stem
- PTFE Packing Sealing
- Balance Hole in Ball Slot
- Design Standard ASME B16.34
- Belleville Washer for Self-Adjustment
- ISO5211 Direct Mounting Pad Top Flange
- Testing Standard API 598/SP-110



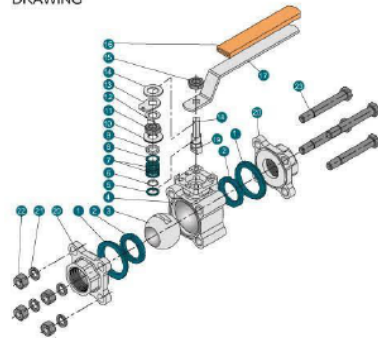
PRESSURE TESTING

STANDARD PRESSURE	2000PSI
SHELL PRESSURE TESTING	20.7Mpa
WATER SEAL TESTING	15.2Mpa
AIR SEAL TESTING	0.4-0.7Mpa

2000PSI/PN125 DIMENSION

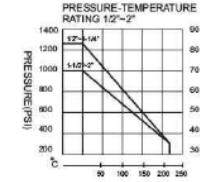
SIZE	L	φd	W	H	H1	H2	φA	φB	φC	φD	□ U	TORQUE N.M	CV
1/2"	DN15	70	15	125	82	42	8.5	42	38	5.5	8	5	3.4
3/4"	DN20	82	20	125	85	45	9	42	38	5.5	8	7	7.1
1"	DN25	90	25	155	94	57	11	50	42	7	8	11	12.4
1-1/4"	DN32	110	32	155	99	62	11	50	42	7	8	11	16
1-1/2"	DN40	120	38	165	113	77.5	14	70	50	9	7	14	23
2"	DN50	145	49	106	122	86	14	70	50	9	7	14	26

DRAWING



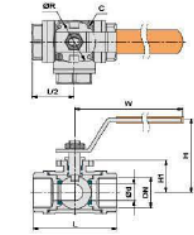
MATERIAL LIST		
ITEM	PART NAME	MATERIAL
1	GASKET	PTFE R-PTFE
2	BALL SEAT	PTFE R-PTFE
3	BALL	SUS316 SUS304
4	BODY	CF8M CF8
5	THRUST WASHER	PTFE R-PTFE
6	O-RING	VITON
7	STEM PACKING	PTFE
8	WASHER	PTFE
9	GLAND	SUS304
10	BELLEVILLE WASHER	SUS304
11	STOP NUT	SUS304
12	STOP WASHER	SUS304
13	POSITION LOCK	SUS304
14	WASHER	SUS304
15	STEM NUT	SUS304
16	HANDLE COVER	PLASTIC
17	HANDLE	SUS304
18	STEM	SUS316 SUS304
19	ANTI-STATIC	SUS304
20	CAP	CF8M CF8
21	SPRING WASHER	SUS304
22	NUT	SUS304
23	BOLT	SUS304

1000PSI 三通球阀 3-WAY BALL VALVE



Features

- Reduce Port
- Locking Device Handle Upon Request
- Blow-Out Proof Stem
- Spring Ball Seat for Self-Adjust
- Design Standard ASME B16.34
- ISO5211 Top Flange
- L-Port/T-Port/X-port
- Testing Standard API 598



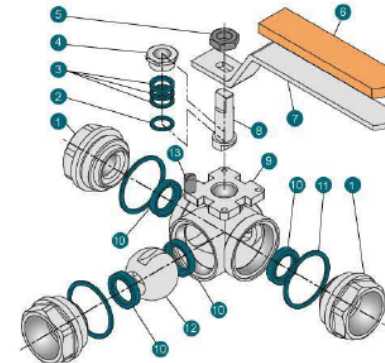
PRESSURE TESTING

STANDARD PRESSURE	1000PSI
SHELL PRESSURE TESTING	10.4Mpa
WATER SEAL TESTING	7.8Mpa
AIR SEAL TESTING	0.4-0.7Mpa

1000PSI/PN63 DIMENSION

SIZE	L	φd	W	H	H1	φR	C	TORQUE N.M	CV
1/2"	73	12	110	57	29	36	M6	5	1.3
3/4"	80	15	120	61	32	42	M6	7	2
1"	88	18	145	67	36.5	42	M6	8	3.4
1-1/4"	125	25	145	81	44	42	M6	15	7.1
1-1/2"	136	32	160	97	52.5	50	M6	22	12.4
2"	152	38	170	108	58.5	50	M6	25	20.3

DRAWING

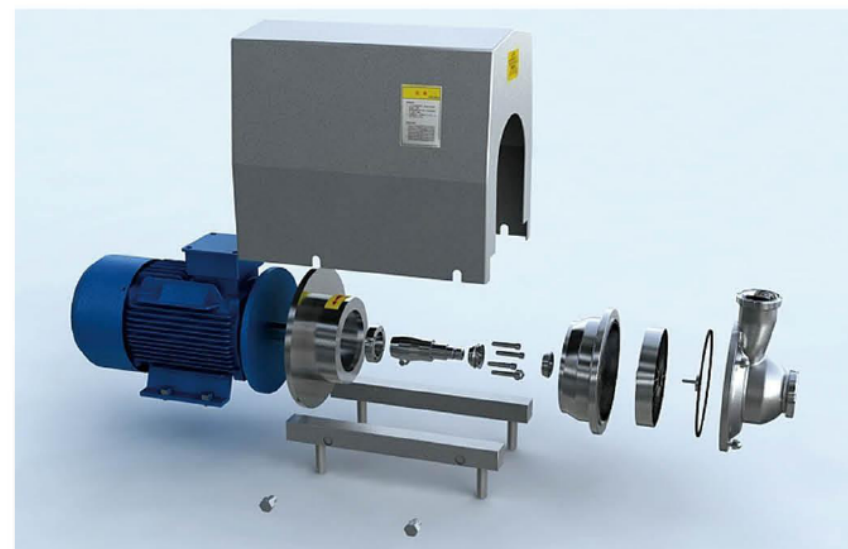


MATERIAL LIST		
ITEM	PART NAME	MATERIAL
1	CAP	CF8M CF8
2	THRUST WASHER	PTFE
3	STEM SEALING	PTFE
4	STOP NUT	SUS304
5	STEM NUT	SUS304
6	HANDLE COVER	PLASTIC
7	HANDLE	SUS304
8	STEM	SUS316 SUS304
9	BODY	CF8M CF8
10	BALL SEAT	PTFE R-PTFE
11	GASKET	PTFE
12	BALL	SUS316 SUS304
13	LOCKING PIN	SUS304

泵
Pump



自吸泵 (CIP泵)
Self-Priming Pump (CIP Pump)



泵
Pump

自吸泵 (CIP 泵) Self-Priming Pump(CIP Pump)

应用

- 该泵为卫生设计侧槽，自吸的泵，适用于食品加工，制药和化学工业中。
- 它专门设计用于来抽吸含有空气或气体的物料，它也可以被用于带优先抽吸及过滤设备的负压吸入中。
- 它可用于酒，油，糖浆，挥发物，如酒精，丙酮和其他溶剂，或是温度临近沸点其他物料。但是，该泵的主要用途是用于 CIP 的回收。

Applications

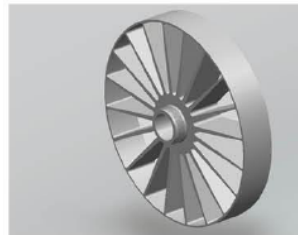
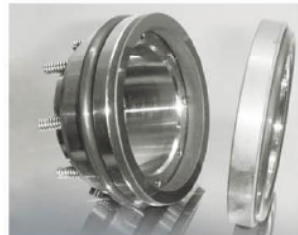
- The pump is a sanitary side channel self priming pump, it's suitable for food processing, pharmacy and chemical industry.
- It is specially designed for pumping materials containing air or gas, and it can also be used for negative suction with prior priming as well as with filtration equipment.
- It can be used with wine, oil, syrups, volatile products such as alcohol, acetone and other solvents, or with products at temperatures close to boiling point. However, the main use of this pump is for CIP return.

工作原理

- 叶轮安置在入口泵体和文氏管套之间，它和泵轴装配起来旋转。
- 叶轮的旋转和侧槽的排列，在进口泵体内创造了一个负压，因而产生了泵的吸力。同时，流体以动能和压能的形式接收能量，从而推动它流经叶轮盖。

Operating Principles

- The impeller is housed between the inlet body and the venturi casing and it rotates in conjunction with the pump shaft.
- The rotation of the impeller and arrangement of the side channel, creates a negative pressure inside the inlet body, which generates the suction force of the pump. At the same time, the fluid receives energy in the form of kinetic energy and pressure energy, and this impels it through the impeller casing.



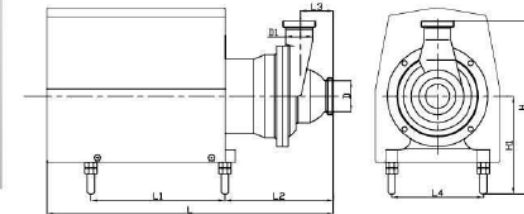
选项 Options



- 机械密封圈 SIC/SIC
- 垫圈 FPM(Viton) and PTFE
- 进出口连接: 卡箍、螺纹、法兰, DIN, SMS, 3A, RJT

- Mechanical seal in SIC/SIC
- Gaskets in FPM(Viton) and PTFE
- Inlet & outlet connections: Clamp, Thread, Flange, DIN, SMS, 3A, RJT

装配图 Assembly Drawing



注意: 详细选型详见选型表，以下表格里的尺寸为参考值，实际尺寸以实物为准。
Attention: Please refer to selection table for details of next page. The size in the following form is the reference value, the actual size is according to practically.

规格 Size	L	L1	L2	L3	L4	H	H1	D	D1
CIP-B04	610	300	192	77	160	342	209	50.8	38.1
CIP-B08	610	300	192	77	160	342	209	50.8	50.8
CIP-B10	650	300	278	81	190	406	221	63.5	50.8
CIP-B20	710	330	267	81	216	426	241	63.5	63.5
CIP-B30	750	368	267	81	216	426	241	76.2	63.5

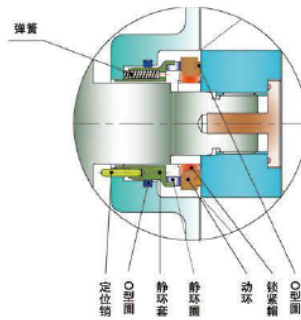
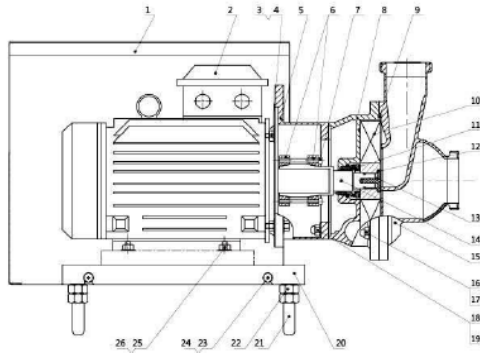
泵

Pump

泵

Pump

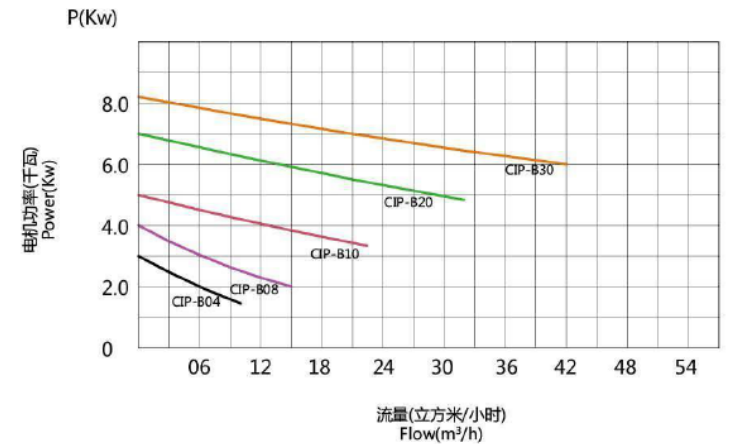
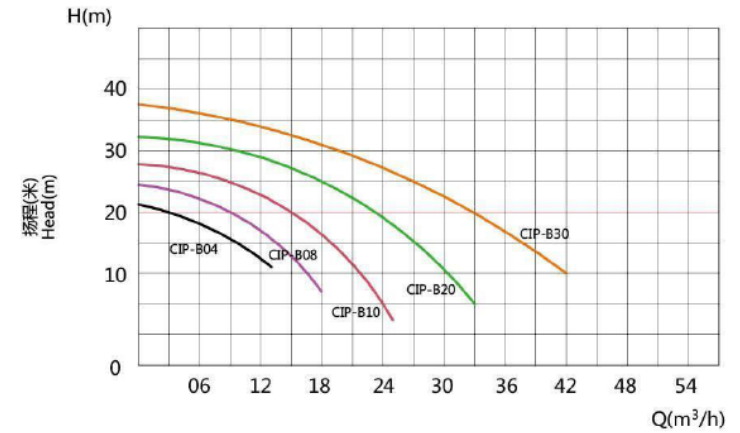
安装尺寸图 Assembly Dimension



机械密封组件

序号 Pos.	名称 Name
26	螺母 Nut
25	内六角螺栓 Inner Hex.Bolt
24	外六角螺栓 Outer Hex.Bolt
23	衬垫 Gasket
22	锁紧螺母 Locknut
21	机脚螺栓 Foot Bolt
20	机脚 Foot
19	双头螺栓 Double Head Bolt
18	盖形螺母 Box Nut
17	双头螺栓 Double Head Bolt
16	盖形螺母 Box Nut
15	泵头 Pump Cover
14	泵轴 Pump Shaft
13	叶轮螺栓 Impeller Bolt
12	O型圈 O Ring
11	机械密封组 Mechanical Seal Assembly
10	叶轮 Impeller
9	泵头O型圈 Pump Head O Ring
8	泵体 Pump Body
7	内六角螺栓 Inner Hex.Bolt
6	光孔紧圈 Tighten Ring
5	连接架 Connection Part
4	外六角螺栓 Outer Hex.Bolt
3	螺母 Nut
2	电机 Motor
1	泵罩 Pump Cover

性能曲线 Performance Curve



CIP

介质: 20°C 清水
Medium: 20°C Water

吸程 Suction head: 8M

误差 Tolerance: ±5%

频率 Frequency: 50Hz

N--1450min

泵

Pump

泵

Pump

自吸泵选型表 Self-priming Pump Selection Table

型号 model	流量(吨) Flow rate(T)	扬程(M) Discharge head	功率(Kw) Power(Kw)	进出口 Inlet & Outlet size
CIP-B04	4	24	2.2kw	2"1.5"
CIP-B08	7	24	3KW	2"2"
CIP-B10	10	24	4KW	2.5"2"
CIP-B20	20	24	5.5KW	2.5"2.5"
CIP-B30	30	24	7.5kw	3"2.5"

自吸泵型号说明 Model instruction of Self-priming pump

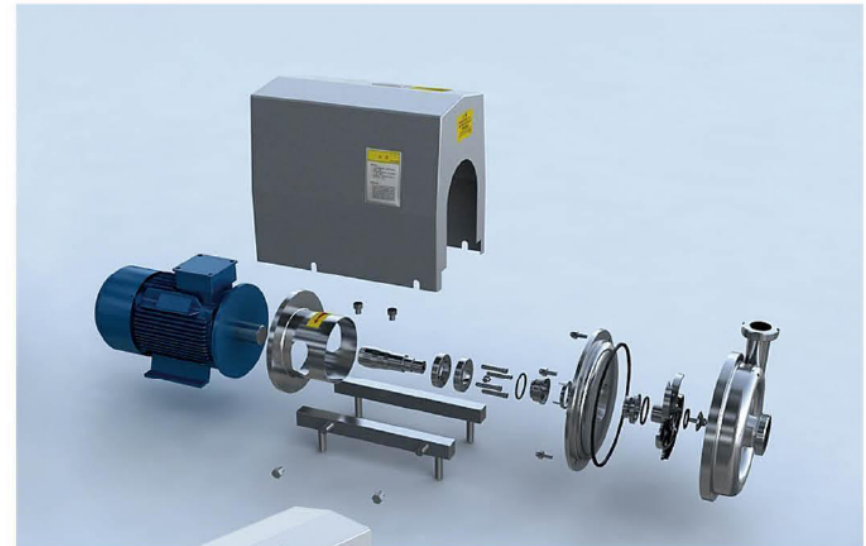
CIP B10 10T 24 4kw 380V 50hz M 2.5"2.5" S

接口标准: DIN(D) SMS(S) 3A(A) RJT(R) ISO/IDF(I)
Connection Standard: DIN(D), SMS(S), 3A(A), RJT(R), ISO/IDF(I)
进出口规格
Inlet & Outlet Size
连接方式: 螺纹(M) 卡箍(C)
Connection way: Threaded(M), Clamped(C)
电机频率: 50HZ, 60HZ
Motor frequency: 50HZ, 60HZ
电压: 110V 220V 380V (详见选型表)
Voltage: 110V 220V 380V (refer to selection table)
电机功率: 2.2Kw 3.0Kw 4.0Kw 5.5Kw.....
Motor frequency: 2.2Kw 3.0Kw 4.0Kw 5.5Kw.....
扬程(详见选型表)
Discharge head: (refer to selection table)
流量(详见选型表)
Flow rate: (refer to selection table)
型号
model
泵代码
Pump code

例: CIP-B10-10T-24-4Kw-380V-50HZ-M-2.5"2.5"-S
Sample: CIP-B10-10T-24-4Kw-380V-50HZ-M-2.5"2.5"-S



离心泵(开式叶轮、闭式叶轮) Centrifugal Pump (Open Impeller, Close Impeller)



低排放式离心泵
Export of low emissions pump

泵

Pump

泵

Pump

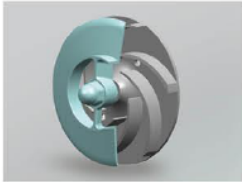
离心泵 (开式叶轮、闭式叶轮) Centrifugal Pump (Open Impeller, Close Impeller)

应用

- 该离心泵是不锈钢制造，带有不锈钢电机外罩。
- 卫生和低成本效益的设计，使它非常适用于乳制品、饮料、食品加工，制药和精细化工工业中。

Applications

- The centrifugal pump is manufactured in stainless steel and with a shrouded motor.
- Its sanitary and cost-efficient design makes it perfect for the dairies, beverages, food-processing, pharmaceutical and fine chemicals industries.



工作原理

- 叶轮安置在泵壳里面，它和泵轴一起在联合中旋转，叶轮刀片以动能和压能的形式将能量传达给流体。
- 该泵即使通过简单的反向旋转，也是不可行的。从电机后面也可以看出泵的旋转方向，正确的旋转方向，是顺时针的。

Operating Principles

- Housed inside the casing, the impeller rotates in conjunction with the pump shaft. With this arrangement, the impeller blades convey energy to the fluid in the form of kinetic energy and pressure energy.
- This pump is not reversible by simple reversal of the direction of rotation. The direction of rotation is clockwise when the pump is viewed from the rear side of the motor.

泵

Pump



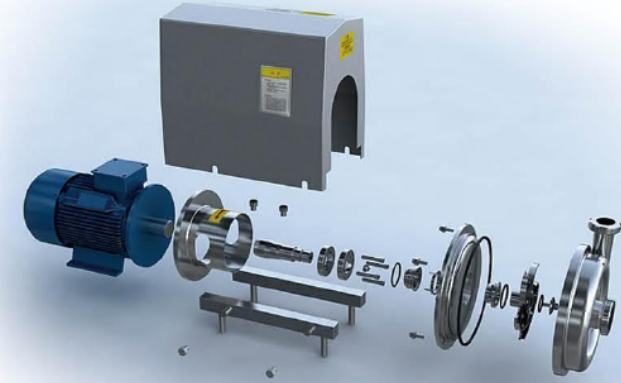
开式叶轮(KS)
Open impeller (KS)



闭式叶轮(BS)
Close impeller (BS)



低排放出口
Export of low emissions



设计和特点

- 不锈钢电机外罩由冷成型板做成；开式叶轮或闭式叶轮由不锈钢熔模铸造；
- 机械密封根据 DIN 2946 L1K
- 可调节不锈钢脚；根据 3A 卫生标准认证；IEC B35 电机，IP55，F 等级绝缘，50HZ

Design And Features

- Casing manufactured with cold-formed plate. Open impeller and close impeller manufactured with stainless steel investment casting.
- Mechanical seal according to DIN 2946 L1K.
- Adjustable stainless steel legs. Pump designed according to 3A sanitary standards. IEC B34 motors, IP 55, F-class insulation,50HZ.

选项

- 机械密封 C/St.St 和 SiC/SiC
- 垫圈 FPM(VITON) 和 PTFE
- 进出口连接：卡箍、螺纹、法兰，DIN,SMS,RJT,IDF

Options

- Mechanical seal in C/St.S and SiC/SiC
- Gaskets in FPM (Viton) and PTFE
- Connections: Clamp,thread,flange,DIN,SMS,RJT,IDF

材质 Materials

- 与物料接触部位 :AISI 316L/304
- 其他部位 :AISI 304
- 垫圈 (标准) :EPDM (FDA)
- 机械密封圈 (标准) :C/SiC/EPDM
- 内表面处理 :Ra < 0.8
- 外表面处理 : 镜面抛光

- Parts in contact with pumped media:AISI 316L/AISI304
- Other parts:AISI 304
- Gaskets (standard):EPDM (FDA)
- Mechanical seal (standard):C/SiC/EPDM
- Inside surface finishing:Ra<0.8 um
- Outside surface finishing:Mirror polished

- 电机 2900,1450,3600Min/1,50HZ,60HZ
- Motor 2900, 1450,3600 rev./min., 50HZ,60HZ

功率 (kW) Power (KW)	电压备注 Voltage
0.55	210V-230V/50HZ
0.75	
1.1	
1.5	380V-400V/50HZ
2.2	
3	420V-480V/60HZ
4	
5.5	380V-400V/50HZ
7.5	
11	630V-690V/50HZ
15	
18.5	420V-480V/60HZ
22	
30	

泵

Pump

技术规格 Technical Specifications

KS 系列

- 开式叶轮最大流量: 150 m³/h
- 开式叶轮最高扬程: 70 H(m)
- 开式叶轮最高压力: 7 bar / 99 PSI

BS 系列

- 闭式叶轮最大流量: 40 m³/h
- 闭式叶轮最高扬程: 50 H(m)
- 闭式叶轮最高压力: 5 bar / 71 PSI

- 最高温度: 120°C / 248. F
- 最高转速: 3600 min⁻¹

KS Series

- Open impeller max. flow: 150 m³/h
- Open impeller max. head: 70H(m)
- Open impeller max. pressure: 7 bar/99 PSI

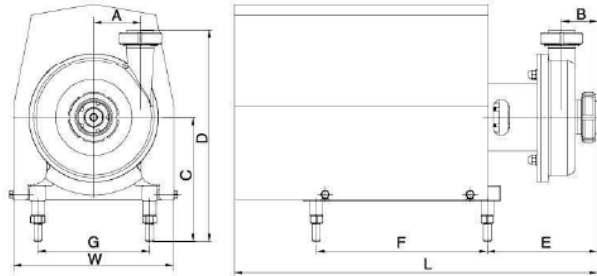
BS Series

- Close impeller max. flow: 40 m³/h
- Close impeller max. head: 50H(m)
- Close impeller max. pressure: 5 bar/71 PSI

- Max. temperature: 120 °C
- Max. rev.: 3600 min⁻¹



KS系列 KS Series



注意: 详细选型详见选型表; 以下表格里的尺寸为参考值, 实际尺寸以实物为准。

Attention: Please refer to selection table for details of next page. The size in the following form is the reference value, the actual size is according to practicality.

系列 KS	功率 Power (KW)	外形安装尺寸 Assembly Dimension									
		A	B	C	D	E	F	G	H	L	W
KS-5	0.75	56	61	160	296	180	200	125	300	465	210
	1.1	56	61	160	296	180	200	125	300	465	210
	1.5	95.6	44	190	343	180	240	140	290	484	210
KS-10	2.2	95.6	44	190	343	180	240	140	290	484	210
KS-15	3	95.6	44	202	358	218	300	160	351	658	260
KS-20	4	95.6	44	202	358	218	300	190	351	658	260
	5.5	95.6	46	222	378	238	330	216	380	668	310
KS-25	7.5	95.6	46	222	378	238	330	216	380	668	310
KS-30	11	163	107	280	430	265	440	254	470	825	360
	15	163	107	280	430	265	440	254	470	825	360
KS-35	18.5	163	107	280	430	265	440	254	470	870	360
KS-40	22	163	107	330	450	265	450	279	490	905	360
	30	163	107	330	450	265	490	279	490	905	360

技术规格 Technical Specifications

KS 系列

- 开式叶轮最大流量: 100 m³/h
- 开式叶轮最高扬程: 70 H(m)
- 开式叶轮最高压力: 7 bar / 99 PSI

BS 系列

- 闭式叶轮最大流量: 40 m³/h
- 闭式叶轮最高扬程: 50 H(m)
- 闭式叶轮最高压力: 5 bar / 71 PSI

- 最高温度: 120°C / 248. F
- 最高转速: 3600 min⁻¹

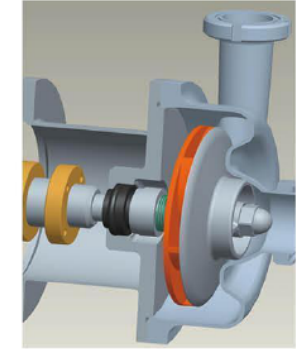
KS Series

- Open impeller max. flow: 150 m³/h
- Open impeller max. head: 70H(m)
- Open impeller max. pressure: 7 bar/99 PSI

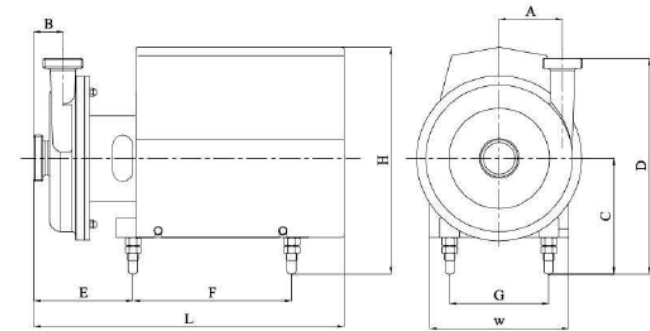
BS Series

- Close impeller max. flow: 40 m³/h
- Close impeller max. head: 50H(m)
- Close impeller max. pressure: 5 bar/71 PSI

- Max. temperature: 120 °C
- Max. rev.: 3600 min⁻¹



BS系列 KS Series

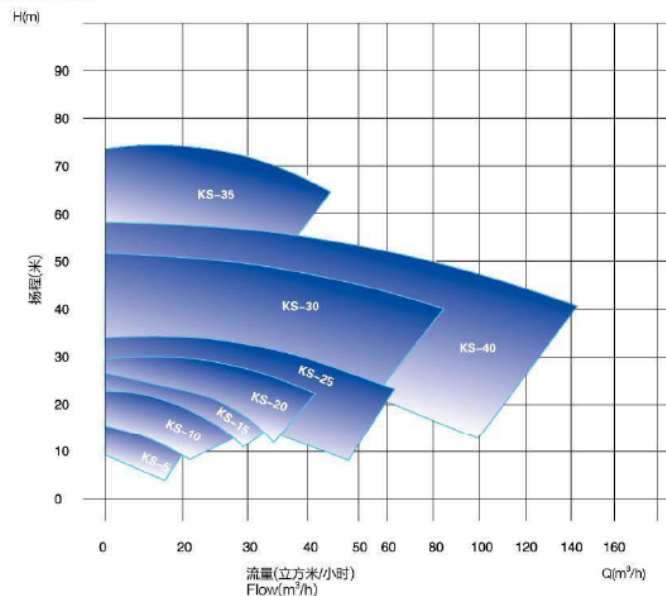


注意: 详细选型详见选型表; 以下表格里的尺寸为参考值, 实际尺寸以实物为准。

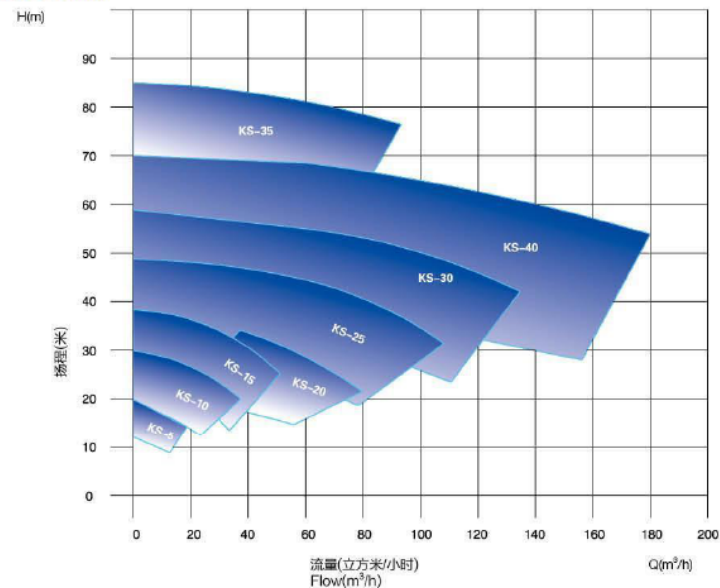
Attention: Please refer to selection table for details of next page. The size in the following form is the reference value, the actual size is according to practicality.

系列 BS	功率 Power (KW)	外形安装尺寸 Assembly Dimension									
		A	B	C	D	E	F	G	H	L	W
BS-2	0.75	56	61	160	296	180	200	125	300	465	210
	1.1	56	61	160	296	180	200	125	300	465	210
BS-4	1.5	95.6	44	190	343	180	240	140	290	484	210
BS-6	2.2	95.6	44	190	343	180	240	140	290	484	210
BS-8	3	95.6	44	202	358	218	300	160	351	658	260
BS-10	4	95.6	44	202	358	218	300	190	351	658	260
BS-12	5.5	95.6	46	222	378	238	330	216	380	668	310
	7.5	95.6	46	222	378	238	330	216	380	668	310

50Hz
N--2900min



60Hz
N--2900min



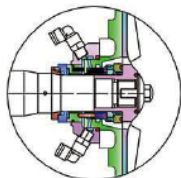
机械密封 Mechanical Seal

KS 系列泵可安装三种方式机械密封

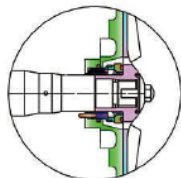
- (1) 单端面机械密封。(标准)
- (2) 水冲洗双端面机械密封

There are three assembly options for KS series pump

- 1. Single mechanical seal(standard)
- 2. Flushed double mechanical seal



水冲洗双端面机械密封
Flushed double mechanical seal



单端面机械密封
Single mechanical seal

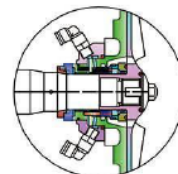
机械密封 Mechanical Seal

KS 系列泵可安装三种方式机械密封

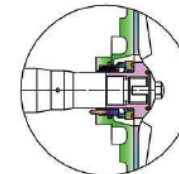
- (1) 单端面机械密封。(标准)
- (2) 水冲洗双端面机械密封

There are three assembly options for KS series pump

- 1. Single mechanical seal(standard)
- 2. Flushed double mechanical seal



水冲洗双端面机械密封
Flushed double mechanical seal



单端面机械密封
Single mechanical seal

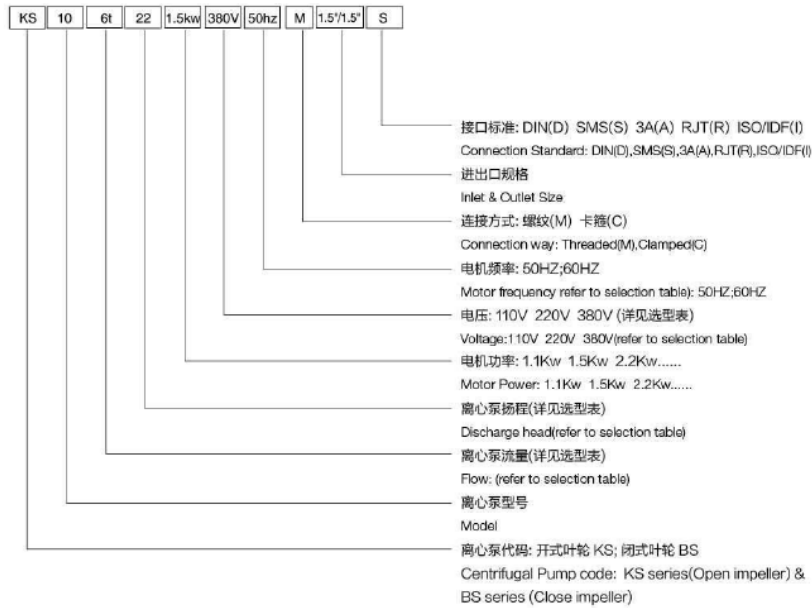
泵

Pump

泵

Pump

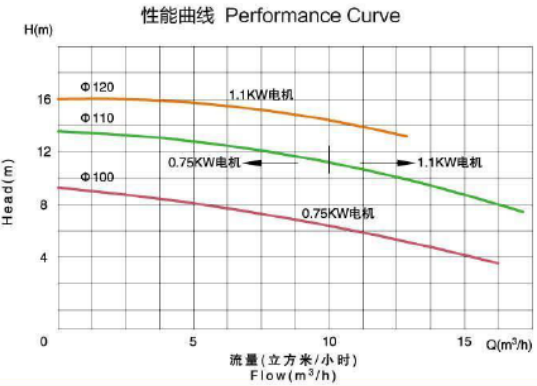
离心泵型号说明 Model Instruction of Centrifugal pump



例:KS-10-6T-22-1.5Kw-380V-50HZ-M-1.5"/1.5"-S
Sample: KS-10-6T-22-1.5Kw-380V-50HZ-M-1.5"/1.5"-S



KS-5 N--2900min



介质: 20℃ 清水
Medium: 20℃ Water

叶轮直径 Impeller dia.: 120mm / 100mm

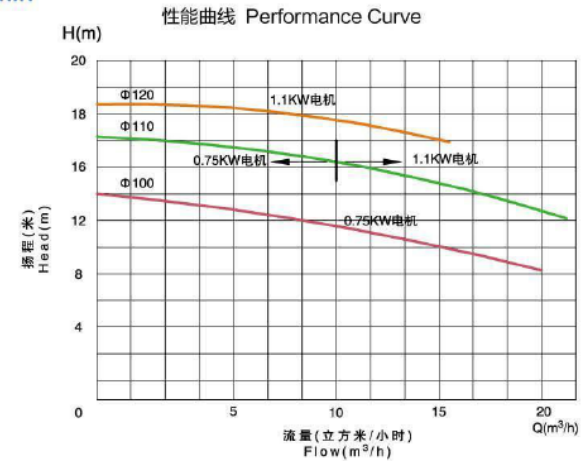
进口口径 Inlet dia.: 38.1mm

误差 Tolerance: ±5%

频率 Frequency: 50Hz

出口口径 Outlet dia.: 38.1mm

KS-5 N--3600min



介质: 20℃ 清水
Medium: 20℃ Water

叶轮直径 Impeller dia.: 120mm / 100mm

进口口径 Inlet dia.: 38.1mm

误差 Tolerance: ±5%

频率 Frequency: 60Hz

出口口径 Outlet dia.: 38.1mm

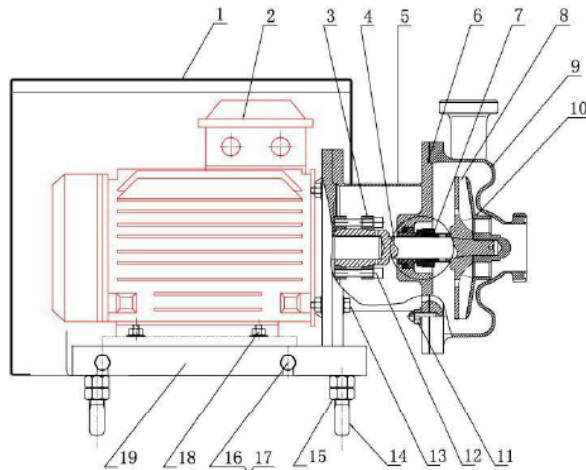
泵

Pump

泵

Pump

闭式叶轮装配图
Close Impeller Assembly Drawing



序号 Pos.	代号 Part	名称 Name	材质 Material	数量 Qty.
19	BS-10-009	机脚 pump foot	304	2
18		螺栓 bolt	304	4
17		尼龙垫 nylon washer	尼龙 nylon	4
16		外六角螺栓 outer hex.bolt	304	4
15		锁紧螺母 locked nut	304	4
14		机脚螺栓 foot bolt	304	4
13		螺栓 bolt	304	4
12		内角螺栓 inner hex.bolt	304	6
11		盖型螺帽 screw cap	304	4
10	BS-10-008	叶轮盖 impeller cover	304/316L	1
9	BS-10-007	泵头 pump head	304/316L	1
8	BS-10-006	叶轮 impeller	304/316L	1
7	BS-10-005	机封 mechanical seal	石墨/碳化硅 graphite/SiC	1
6		O型圈 O ring	EPDM	1
5	BS-10-004	连接架 connection part	304/316L	1
4	BS-10-003	泵轴 pump shaft	304/316L	1
3	BS-10-002	光孔紧圈 tighten ring	304	2
2		电机 motor		1
1	BS-10-001	泵罩 pump cover	304	1

离心泵 BS 系列选型表 (闭式叶轮)
Centrifugal pump BS series selection table

型号 model	流量(吨) Flow rate(T)	扬程(M) Discharge head(M)	功率(Kw) Power(kW)	进/出口尺寸 Inlet & Outlet size
BS-2	1.5	14	0.55kw	1.5"/1.5"
	3	16	0.75KW	1.5"/1.5"
	3	24	1.1KW	1.5"/1.5"
	5	18	1.1KW	1.5"/1.5"
BS-4	6	20	1.5KW	2"/1.5"
	5	24	1.5KW	2"/1.5"
	10	18	1.5KW	2"/1.5"
	10	20	1.5KW	2"/1.5"
BS-6	5	30	2.2KW	2"/1.5"
	10	24	2.2KW	2"/1.5"
	10	30	2.2KW	2"/1.5"
	15	18	2.2KW	2"/1.5"
BS-8	15	20	2.2KW	2"/1.5"
	20	18	2.2KW	2"/1.5"
	10	38	3.0KW	2"/1.5"
	15	24	3.0KW	2"/2"
BS-10	20	24	3.0KW	2"/2"
	15	30	4.0KW	2"/2"
	15	38	4.0KW	2"/2"
	20	30	4.0KW	2"/2"
BS-12	20	38	5.5KW	2"/2"
	30	24	5.5KW	2"/2"
	30	30	5.5KW	2"/2"
	30	38	7.5KW	2.5"/2"
	40	24	7.5KW	2.5"/2"



BS-2

泵

Pump

泵

Pump

离心泵型号说明 Model Instruction of Centrifugal pump

BS 4 10t 18 1.5kw 380V 50hz M 2"/1.5" S

- 接口标准: DIN(D) SMS(S) 3A(A) RJT(R) ISO/IDF(I)
- Connection Standard: DIN(D),SMS(S),3A(A),RJT(R),ISO/IDF(I)
- 进出口规格
Inlet & Outlet Size
- 连接方式: 螺纹(M) 卡箍(C)
- Connection way: Threaded(M),Clamped(C)
- 电机频率: 50HZ;60HZ
- Motor frequency: 50HZ;60HZ
- 电压: 110V 220V 380V (详见选型表)
- Voltage: 110V 220V 380V (refer to selection table) 电机功率:
- 1.1Kw 1.5Kw 2.2Kw.....
- Motor Power:1.1Kw 1.5Kw 2.2Kw.....
- 离心泵扬程(详见选型表)
- Discharge head (refer to selection table)
- 离心泵流量(详见选型表)
- Flow: (refer to selection table)
- 离心泵型号
Model
- 离心泵代码: 开式叶轮 KS; 闭式叶轮 BS
- Centrifugal Pump code including KS series(Open impeller) & BS series (Close impeller)

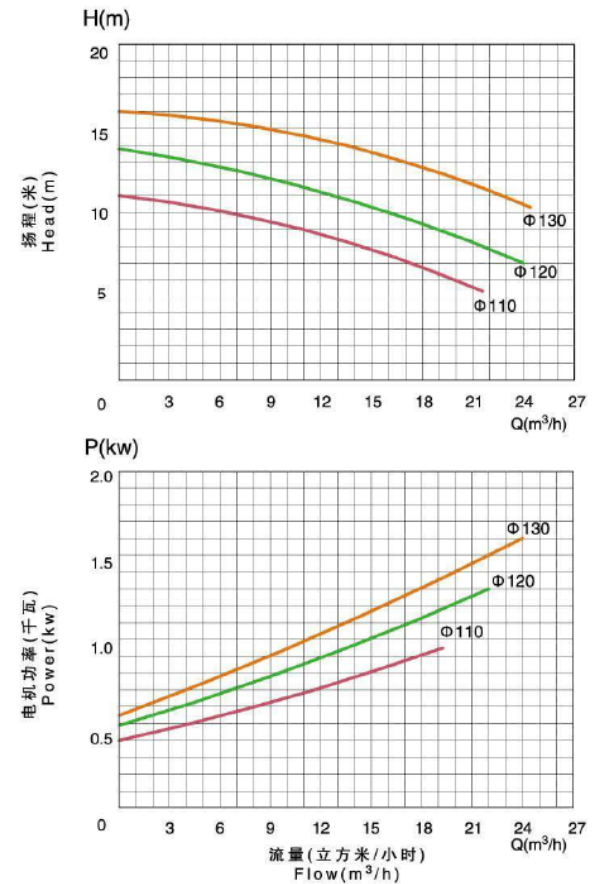
例:BS-4-10T-18-1.5Kw-380V-50HZ-M-2"/1.5"-S
Sample: BS-4-10T-18-1.5Kw-380V-50HZ-M-2"/1.5"-S



BS-2 N--2900min

介质: 20℃ 清水 Medium: 20℃ Water	叶轮直径 Impeller dia: 130mm / 110mm	进口直径 Inlet dia.: 38.1mm
误差 Tolerance: ±5%	频率 Frequency: 50Hz	出口直径 Outlet dia.: 38.1mm

性能曲线 Performance Curve



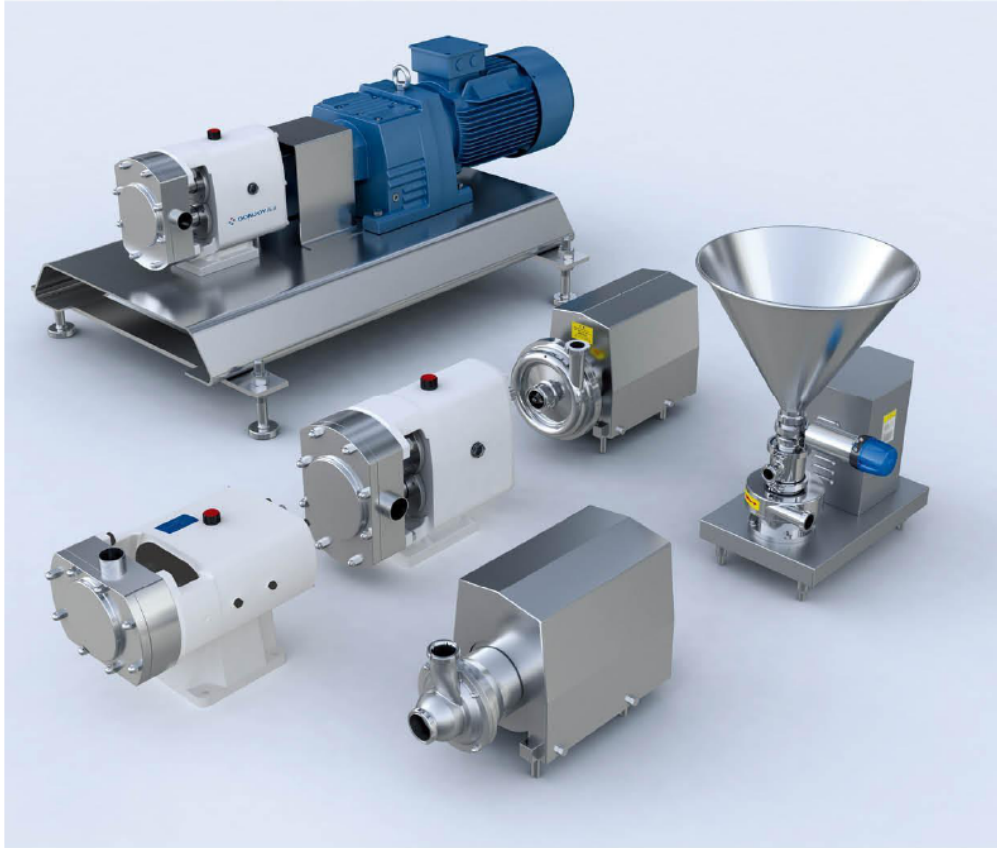
泵

Pump

泵

Pump

泵 Pump



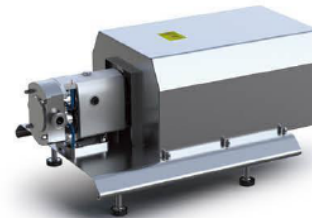
转子泵款式 Lobe Pump Tyle



变频器转子泵
Frequency Converter Lobe Pump



移动式转子泵
Mobile Lobe Pump



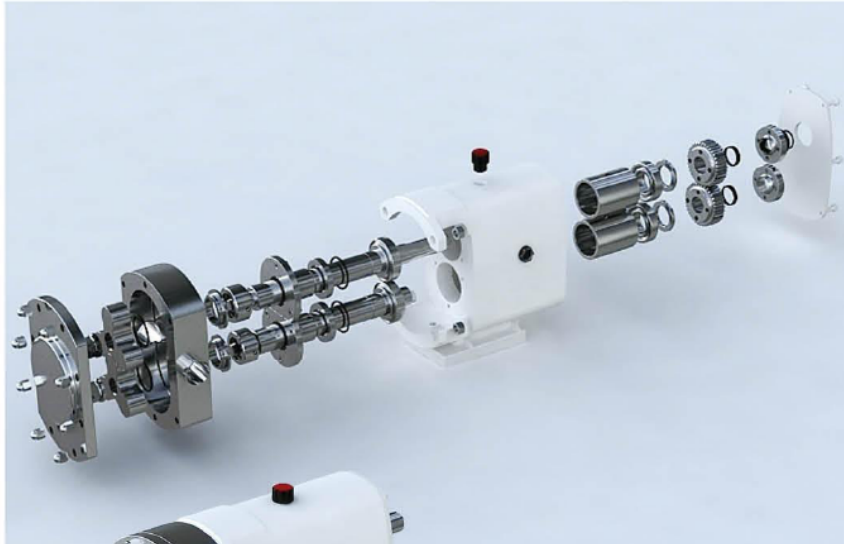
不锈钢防护罩转子泵
Lobe Pump With Protective Cover



变频电机转子泵
Converter Motor Lobe Pump

泵
Pump

卫生凸轮泵(转子泵) Hygienic Lobe Pump (Rotor Pump)



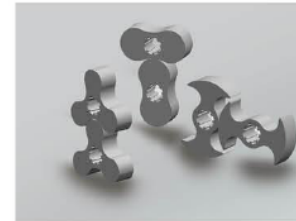
卫生凸轮泵 (转子泵) Hygienic Lobe Pump (Rotor Pump)



水平式TUL系列
Horizontal TUL Series



垂直式TUR系列
Vertical TUR Series



不同款式的转子
Different rotor shapes

应用

- 该泵是一个正位移凸轮转子泵，是根据 3A 食品卫生标准设计的。
- 该标准对设备过程都有最严格的卫生要求。
- 该泵非常适合于食品加工，化妆品和制药工业中的对粘性和低粘性介质的传输。

Applications

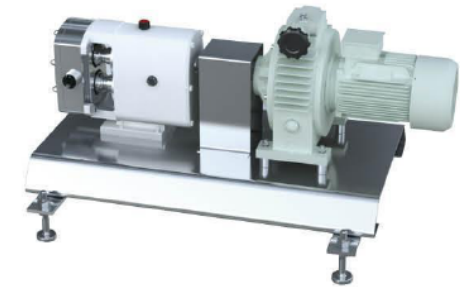
- The pump is a positive displacement lobe rotor pump designed according to
- 3A standard with a very strict hygienic requirements to equipment and processes.
- The pump is ideal for the transfer of viscous as well as low-viscous media in the food-processing, cosmetics and pharmaceutical industries.

工作原理

- 该泵基本上包括两个凸轮转子，它们在泵壳内旋转，彼此不会相互碰到。
- 当转子旋转时，凸轮和泵壳之间的间隙就会不断的被充满物料，物料被驱动到排放口，输送一定量的物料。
- 由于凸轮和泵壳之间公差调整，抽吸过来的物料形成一个连续的蒸汽，从而保证泵的有效抽吸。

Operating Principles

- The pump basically consists of two lobe rotors which rotate inside the casing without touching each other.
- As the rotors rotate, the space between the lobes and the casing is successively filled with the product which is driven to the discharge nozzle displacing a fixed amount of product.
- The pumped product forms a continuous stream due to the adjusted tolerances of the lobes and the pump casing thus ensuring an efficient pumping.



手动调节无极变速机
Manual adjust Continuously Variable Transmission

泵

Pump

泵

Pump

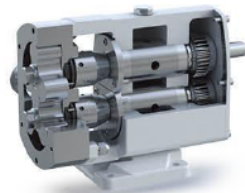
卫生凸轮泵 (转子泵) Hygienic Lobe Pump (Rotor Pump)

设计和特点

- 水平式 TUL 系列
- 裸轴结构
- 三凸轮转子
- 卫生设计
- 卫生机械密封圈, 内部装配
- 容易清洁和维护
- 连接: 卡箍 (标准)
- 适用于 CIP 清洗和 SIP 杀菌

Design and features

- Horizontal TUL Series
- Bare-shaft construction.
- Tri-lobe rotors.
- Hygienic design of the attachment of the rotors.
- Sanitary mechanical seal, internal assembly.
- Easy cleaning and maintenance.
- Connections: Clamp (standard).
- Applied to CIP cleaning and SIP sterilization



选项

- 机械密封圈: SiC/SiC, TgC/SiC, Tgc/Tgc
- 水冲洗机械密封圈
- 垫圈 FPM (VitonR) and PTFE.
- 安全阀在前盖或者外面的旁路上
- 垂直式 TUR 系列
- 水平式 TUL 系列
- 各种类型的驱动和装置:
 - (1) 手动调节无极变速箱
 - (2) 变频器调速电机和变速箱
 - (3) 定速比输出变速箱
- 连接: 卡箍 (DIN32676, 3A, ISO), 螺纹 (DIN, SMS, RJT, IDF)
- 材质证书 (3.1), 表面粗糙证书
- 电机安装型号 (B5), 电机频率 50HZ, 60HZ
- 电压 (V) 220-240, 360-400, 420-460, 630-690

Options

- SiC/SiC, TgC/SiC Mechanical seal: SiC/SiC, TgC/SiC, Tgc/Tgc
- Flushed single or double mechanical seal
- Gasket: FPM (VitonR) or PTFE
- Relief valve at the front cover or external by-pass
- Vertical TUR series or Horizontal TUL series
- Different drives and fixes:
 - (1) Manual adjust Continuously Variable Transmission
 - (2) frequency converter adjust motor gear box
 - (3) fixed speed output transmission
- Assembly on a stainless steel baseplate
- Adjustable feet
- Connections: Clamp (DIN32676, 3A, ISO), Thread (DIN, SMS, RJT, IDF)
- Material certificates (3.1), roughness certificate.
- Motor type B5, Motor frequency 50HZ, 60HZ
- Voltage (V) 220-240, 360-400, 420-460, 630-690

材质

- 熔模铸造壳体 AISI 316L (1.4404) / AISI304 (1.4301)
- 铸铁机架和齿轮箱 QT450-10
- 垫圈 (标准) EPDM 根据 FDA 177.2600
- 机械密封圈 (标准) C/SiC/EPDM
- 内表面处理 Ra ≤ 0.6 μm
- 外表面处理 镜面抛光

Materials

- Investment casting casing : AISI 316L (1.4404) / AISI304 (1.4301)
- Cast iron support and gear box : QT450-10
- Gaskets (standard) : EPDM according to FDA 177.2600
- Mechanical seal (standard) : C/SiC/EPDM
- Internal surface finish : Ra≤0.6μm
- External surface finish : mirror polish

变频电机变频调速转子泵
converter motor frequency adjust Lobe pump
购买时须说明变频器配置
Please advise the type of reducer when ordering

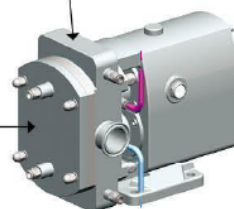


保温型转子泵 Heat Retaining Lobe Pump

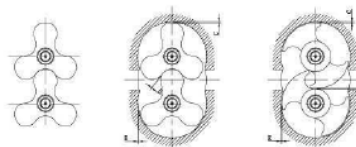
- 配备保温结构的转子泵广泛应用于输送巧克力, 糖果, 胶基等在常温下凝冻或高温下易变质的物料, 根据工艺要求配备前盖保温或者四周保温等机构。
- Insulation of the rotor pump configuration is widely used in transportation of chocolate, candy, gum, etc. which materials will freeze at room temperature or perishable materials at high temperatures, according to process requirements, with the front cover or around the heat insulation structure.

外围保温
Periphery heat preservation

端面保温
End surface heat preservation



转子间隙公差 Rotor Gap Tolerance



型号 model	C ± 0.05 mm	D ± 0.05 mm	E ± 0.05 mm
TUR/TUL-20	0.20	0.20	0.40
TUR/TUL-23	0.20	0.20	0.40
TUR/TUL-25	0.25	0.20	0.40
TUR/TUL-30	0.25	0.25	0.50
TUR/TUL-35	0.30	0.25	0.50
TUR/TUL-55	0.30	0.25	0.60
TUR/TUL-60	0.35	0.30	0.60
TUR/TUL-70	0.45	0.40	0.95
TUR/TUL-80	0.45	0.40	0.95
TUR/TUL-100	0.55	0.45	1.10
TUR/TUL-125	0.70	0.50	1.30

水冷却机械密封转子泵 Water-cooled Mechanical Seal Rotor Pump

应用于高温, 高粘度如糖浆, 番茄浆等物料
Used in high temperature and high viscosity such as syrup, tomato paste and other materials

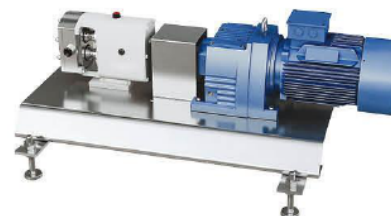


该款转子泵为:
TUL / TUR 70 / 80 / 100 / 125型号
The lobe pump is TUL / TUR 70 / 80 / 100 / 125型号

宽电压电机 Wide input range motor

功率(KW) Power(KW)	电压备注 Voltage
0.75	
1.1	210V-230V/50HZ
1.5	360V-400V/50HZ
2.2	420V-460V/60HZ
3	
4	
4.5	360V-400V/50HZ
7.5	630V-690V/50HZ
11	420V-460V/60HZ
15	

定速型输出转子泵
Fixed-speed-type output lobe pump
订购时请指定转速 please specify the speed when ordering.



卫生凸轮泵 (转子泵) Hygienic Lobe Pump (Rotor Pump)



二叶转子
2-leaves rotor

技术规格

- 最大流量: 62m³/h / 272GPM
- 最高压力: 12bar / 174 PSI
- 最高温度: 120°C / 248 °F
- 最高转速: 1450 rpm

Technical specifications

- Max. flow: 62m³/h / 272GPM
- Max. pressure: 12bar / 174 PSI
- Max. working temperature: 120°C / 248 °F
- Max. rev.: 1450 rpm



三叶转子
3-leaves rotor



蝶形转子
Butterfly rotor

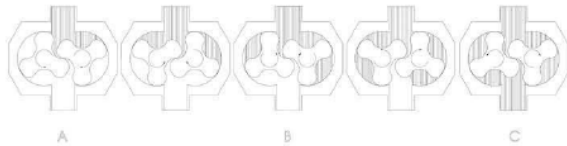


单蝶形转子
Signal butterfly rotor



水冷机械密封
Water-cooled mechanical seal

工作原理图



- A. 由于转子旋转，两个转子的间距增大导致吸入端的空间也增大，由此引起部分真空，从而把流体吸入泵腔中
- B. 由于轴旋转的原理，两个转子都是不断的加载空气，流体被移到传送端，转子间的间隔和泵体两壁间的间隔保证了空间总是适时被加载
- C. 泵腔完全加载后，流体通过转子叶片甩出并与两壁间的空间相反，即为转子泵的工作原理

- A. As the lobes rotate, the space on the suction side increases as one lobe is distanced from another, thus creating a partial vacuum which draws the fluid into the pump chamber.
- B. As they are rotated by the shafts, each lobe is consecutively filled and the fluid is displaced to the delivery side. The small gaps between the lobes and between the lobes and the walls of the pump body ensure that the spaces are duly filled.
- C. The pump housing is completely filled and the fluid escapes through the teeth of the lobes and is forced against the walls of the spaces, which contributes to the pump action.

TUR-TUL 系列选型表 TUR-TUL Series Selection Table

转子泵机械无极变速 Mechanical Continuously Variable Transmission lobe pump

50Hz/60Hz
N-200 ~ 1000Min

型号 model	流量(吨) Flow rate	压力(BAR) Pressure	电机功率 Motor Power	建议转速 (Min-1) Recommend rotate speed	每转 排量 (升) Flow per Rotate	每100转排 量(升) Flow per 100 Rotates	进/出口规格 Inlet & Outlet Size
TUR-20	TUL-20	1-3	12	1.5kw	200-450	0.0996	1" DN25
		1-3	9	1.1KW			
		1-3	5	0.75kw			
TUR-23	TUL-23	2-5	12	3.0kw	200-450	0.187	1.5" DN40
		2-5	9	2.2kw			
		2-5	5	1.5kw			
TUR-25	TUL-25	3-7	10	4.0kw	200-450	0.256	2" DN50
		3-7	7	3.0kw			
		3-7	4	2.2kw			
TUR-30	TUL-30	5-10	12	5.5kw	200-400	0.434	2" DN50
		5-10	9	4.0KW			
		5-10	4	3.0kw			
TUR-35	TUL-35	6.5-13	10	5.5KW	200-400	0.543	2.5"
		6.5-13	7	4.0kw			
		6.5-13	3	3.0kw			
TUR-55	TUL-55	7-14	12	7.5kw	200-400	0.593	DN65
		7-14	9	5.5kw			
		7-14	6	4.0kw			
TUR-60	TUL-60	7-14	3	3.0kw	200-400	0.653	3"
		8-16	10	7.5kw			
		8-16	7	5.5kw			
TUR-70	TUL-70	8-16	5	4.0kw	200-400	1.28	3"
		8-16	3	3.0kw			
		15-31	12	11kw			
TUR-80	TUL-80	15-31	9	7.5kw	200-400	1.64	DN80
		15-31	5	5.5kw			
		20-40	10	11kw			
TUR-100	TUL-100	20-40	7	7.5kw	200-400	2.08	4" DN100
		20-40	4	5.5kw			
		25-50	10	11kw			
TUR-125	TUL-125	25-50	6	7.5kw	200-400	2.6	5" DN125
		25-50	3	5.5kw			
		31-62	10	16kw			
		31-62	7	11kw	200-400		
		31-62	4	7.5kw			

说明

- 无极变速机: 该结构为目前最常用的配备的形式, 配备的是机械摩擦式无极调节器, 利用手动调节的形式实现输出转速的无极调节, 达到无极调节流量的效果

Description

- Continuously Variable Transmission, the structure is equipped with the most commonly used form of mechanical friction stepless adjuster, the use of manual adjustment in the form of realization of the output speed stepless adjustment, to regulate flow of stepless effects.



泵

Pump

泵

Pump

TUR-TUL 系列选型表 TUR-TUL Series Selection Table

转子泵变频器无极变速
Frequency converter Continuously Variable Transmission lobe pump

50Hz/60Hz
N--100 - 1000Min

型号 model	流量(吨) Flow rate	压力(BAR) Pressure	电机功率 Motor Power	建议转速 (Min-1) Recommend rotate speed	每转排量 (升) Flow per Rotate	每100转排量 (升) Flow per 100 Rotates	进出口规格 Inlet & Outlet Size
TUR-20	TUL-20	0.5-3	1.5kw	100-450	0.0996	9.96	1"-DN25
		0.5-3	1.1KW				
		0.5-3	0.75kw				
TUR-23	TUL-23	1.1-5	3.0kw	100-450	0.187	18.7	1.5"-DN40
		1.1-5	2.2kw				
		1.1-5	1.5kw				
TUR-25	TUL-25	1.5-7	4.0kw	100-450	0.256	25.6	2"-DN50
		1.5-7	3.0kw				
		1.5-7	2.2kw				
TUR-30	TUL-30	2.6-10	5.5kw	100-400	0.434	43.4	2"-DN50
		2.6-10	4.0KW				
		2.6-10	3.0kw				
TUR-35	TUL-35	3.25-13	7.5kw	100-400	0.543	54.3	2.5"
		3.25-13	4.0kw				
		3.25-13	3.0kw				
TUR-55	TUL-55	3.5-14	7.5kw	100-400	0.593	59.3	DN85
		3.5-14	5.5kw				
		3.5-14	4.0kw				
TUR-80	TUL-80	4-16	7.5kw	100-400	0.853	85.3	3"
		4-16	5.5kw				
		4-16	3.0kw				
TUR-70	TUL-70	7.5-31	11kw	100-400	1.28	128	3"
		7.5-31	7.5kw				
		7.5-31	5.5kw				
TUR-80	TUL-80	10-40	11kw	100-400	1.64	164	DN80
		10-40	7.5kw				
		10-40	4.5kw				
TUR-100	TUL-100	12.5-50	11kw	100-400	2.08	208	4"-DN100
		12.5-50	7.5kw				
		12.5-50	3.5kw				
TUR-125	TUL-125	15.5-62	15kw	100-400	2.6	260	5"-DN125
		15.5-62	7.5kw				
		15.5-62	4.5kw				

说明

- 变频器电机变频调速: 该款转子泵配备的变频电机, 利用变频器来调节电动机的频率来改变电机输出的转速, 达到无极调节流量的效果, 其调节转速和流量直观、精确。

Description

- converter motor frequency adjustment: rotor pump which is equipped with variable frequency motor, using the frequency converter to adjust the motor to change the motor output speed, to regulate flow of stepless effects, its regulation and flow are intuitive and precise.



TUR-TUL 系列选型表 TUR-TUL Series Selection Table

转子泵定速比输出减速机
Fixed speed output reducer lobe pump

50Hz/60Hz
N--50 - 800Min

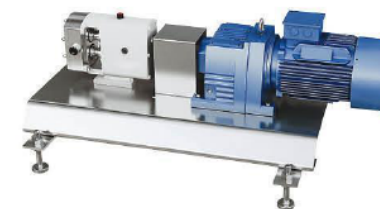
型号 model	流量(吨) Flow rate(T)	压力(BAR) Pressure	电机功率 Motor Power	建议转速 (Min-1) Recommend rotate speed	每转排量 (升) Flow per Rotate	每100转排量 (升) Flow per 100 Rotates	进出口规格 Inlet & Outlet Size
TUR-20	TUL-20	1.5	1.5kw	250	0.0996	9.96	1"-DN25
		1.5	1.1KW				
		1.5	0.75kw				
TUR-23	TUL-23	2.8	3.0kw	250	0.187	18.7	1.5"-DN40
		2.8	2.2kw				
		2.8	1.5kw				
TUR-25	TUL-25	3.8	4.0kw	250	0.256	25.6	2"-DN50
		3.8	3.0kw				
		3.8	2.2kw				
TUR-30	TUL-30	6.5	5.5kw	250	0.434	43.4	2"-DN50
		6.5	4.0KW				
		6.5	3.0kw				
TUR-35	TUL-35	8.2	7.5kw	250	0.543	54.3	2.5"
		8.2	4.0kw				
		8.2	3.0kw				
TUR-55	TUL-55	8.9	7.5kw	250	0.593	59.3	DN85
		8.9	5.5kw				
		8.9	4.0kw				
TUR-80	TUL-80	9.8	7.5kw	250	0.853	85.3	3"
		9.8	5.5kw				
		9.8	3.0kw				
TUR-70	TUL-70	16.0	11kw	200	1.28	128	3"
		16.0	7.5kw				
		16.0	5.5kw				
TUR-80	TUL-80	20.0	11kw	200	1.64	164	DN80
		20.0	7.5kw				
		20.0	4.5kw				
TUR-100	TUL-100	25.0	11kw	200	2.08	208	4"-DN100
		25.0	7.5kw				
		25.0	3.5kw				
TUR-125	TUL-125	32.0	15kw	200	2.6	260	5"-DN125
		32.0	7.5kw				
		32.0	4.5kw				

说明

- 定速比输出减速机: 该结构的转子泵配备的定速输出减速机, 其速度是不可调节的, 输出流量也是一定的, 也不可调节的。其结构特点, 扭矩大, 对于特别粘稠的物料的输送效果最好。

Description

- Fixed speed output reducer: the structure of the rotor pump is equipped with a fixed speed output transmission, its speed is not regulated, the output flow rate is certain, also can not be adjusted. Its structural characteristics is high torque, perfect for transfer of viscous material.



泵

Pump

泵

Pump

转子泵型号说明 Model Instruction of Lobe Pump

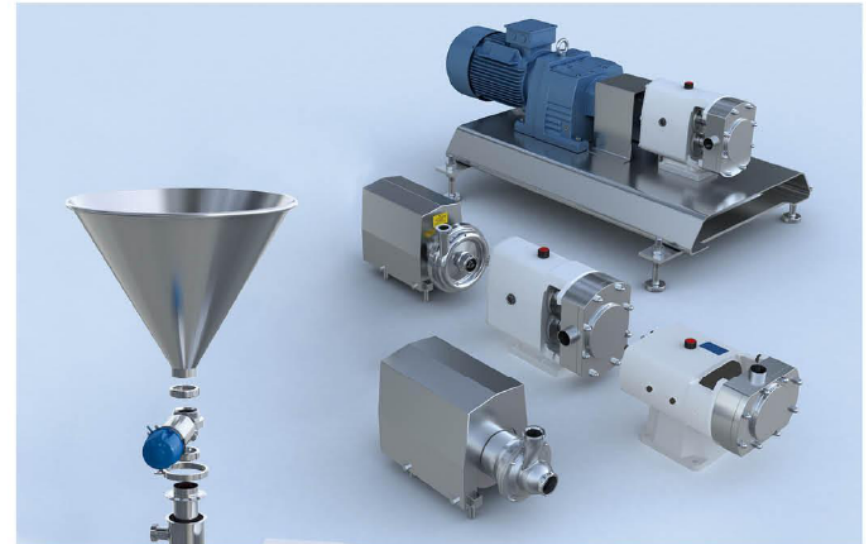
TUL 20 1-3t 12bar 1.5kw 380V 50hz MBW M DN25 D

- 接口标准: DIN(D) SMS(S) 3A(A) RJT(R) ISO/IDF(I)
- Connection standard: DIN(D) SMS(S) 3A(A) RJT(R) ISO/IDF(I)
- 进出口规格
Inlet & Outlet Size
- 连接方式: 螺纹(M) 卡箍(C)
- Connection way: Thread(M), Clamp(C)
- 减速机款式: 机械式无极减速机(MBW); 变频电机变频器
无极调速(WR-QA); 定速比输出减速机(WR)
- Reducer type: Mechanical Continuously Variable transmission (MBW), Converter motor transducer(WR-QA), fixed speed output reducer(WR)
- 电机频率: 50HZ; 60HZ
- Motor frequency: 50HZ; 60HZ
- 电压: 110V 220V 380V (详见选型表)
- Voltage: 110V 220V 380V (Refer to selection table)
- 电机功率: 1.1Kw 1.5Kw 2.2Kw.....
- Motor power: 1.1Kw 1.5Kw 2.2Kw.....
- 转子泵压力(详见选型表)
- Pressure(Refer to selection table)
- 转子泵流量(详见选型表)
- Flow rate(Refer to selection table)
- 转子泵型号
Model
- 转子泵出口方式代码:
TUL水平式(左右进出); TUR垂直式(上进下出)
- Lobe pump structure code, Vertical TUR series(From Up to Down), Horizontal TUL series(Right & Left)

例:TUL-20-1-3-12bar-1.5Kw-380V-50hz MBW-M-DN25-D
Sample: TUL-20-1-3-12bar-1.5Kw-380V-50hz MBW-M-DN25-D



混合器(混合泵) BLENDER(Mixing Pump)



泵

Pump

泵

Pump

混合器 (混合泵) BLENDER(Mixing Pump)



应用

- 该混合器是用于将固体混合到液体中。
- 在食品加工工业中，该混合器为奶粉的配制，糖浆的制作，盐水的调制等提供了在线处理完美的解决办法。
- 在制药，化妆品和化学制品行业中，它也可以用于预备固体和液体的混合。

Applications

- The Mixers are used to mix solids in liquids.
- In the food-processing industry, they provide a perfect solution for reconstituting powdered milk, making syrups, preparing brines, etc.
- They can also be a solution for preparing solid-liquid mixtures in the pharmaceutical, cosmetics and chemical industries.

材质

- 与物料接触部位: AISI-316L/AISI-304
- 垫圈 (标准): EPDM 根据 FDA
- 机械密封圈 (标准): C/ St.St / EPDM
- 内表面处理: 镜面抛光 Ra ≤ 0.8 μm
- 外表面处理: 镜面抛光

Materials

- Parts in contact with the media: AISI-316L
- Gaskets(standard):EPDM according to FDA
- Mechanical seal(standard): C/ St.St / EPDM
- Inside finish: mirror polished, Ra≤0.8um
- Outside finish: mirror polished



混合器 (混合泵) BLENDER(Mixing Pump)

工作原理

- 该混合器最基本包括外套和一个垂直安装的离心泵叶轮。吸入侧边有一个料斗和管道，用于将固体进口和液体分离开来，从而避免了在物料进入外套之前就形成絮状物。
- 液体以高速度进入混合腔，因此在叶轮的旋转中心产生了真空，从而吸入了固体。固体的进入方式可以通过安装在加料斗下面的阀门来进行控制。
- 在混合器吸入和排出的侧边保持低压非常重要。避免气穴现象。因此，只有当应用确实需要时，才提供输送泵（大量的压力会降低吸入固体，高粘度物料等），请一定要记住，吸入容量会减少。
- 当出口压力很高时，需要安装一个离心泵来排泄混合器的侧边。
- 当粘性超过 500cP 时，输送泵和排泄泵必须是正位移泵（转子泵）。

Operating Principles

- The mixer basically consists of a casing and a centrifugal pump impeller which are mounted vertically. The suction side has a double-wall tube that keeps the inlet of solids separate from that of liquids, thus avoiding the formation of flocs before the material enters the casing.
- The liquid enters the mixing chamber at a high velocity, thereby creating a vacuum on the center of the impeller, which causes the suction of the solids. The fall of the solids can be regulated by means of a valve situated at the bottom of the hopper.
- It is important to keep low pressure at the suction and at the discharge sides of the blender. Avoid cavitation. Thus a feeding pump must be provided only for the applications that really require it (considerable pressure drops at the suction side, high viscosity products, etc.), please, keep in mind that the suction capacity will decrease.
- When discharge pressure is high, a centrifugal pump needs to be fitted to the discharge side of the blender.
- For viscosities above 500 cP, the feeding pump and the discharge pump must be positive displacement pumps.

选项

- 可冲洗双重冷却机械密封
- 连接: DIN, SMS, 3A
- 气动阀门
- 60° 加料斗
- 混合室内筛子
- 排泄装置

Options

- Dual cooled seal.
- Connections: DIN, SMS.
- Pneumatic actuator valve.
- 60o hopper.
- Screen in the mixing chamber.
- Drainage.



设计和特点

- 简单和垂直的装配可以快速均匀的混合各种固体，而不会和空气接触完全混合带物料的再流通在一些应用中，它可以成一直线的使用，无需再流通
- 根据 3A 卫生标准设计
- 通过卡箍连接可以简单装配和拆卸
- 不用拆卸就可以进行清洗
- 卫生单机械密封圈

Design and features

- Simple and versatile assembly for quick and homogeneous mixing of a great variety of solids without contact with the air. Complete mixing with recirculation of the material. In some applications, it can be used in line, without recirculation.
- 3A Sanitary design.
- Easy assembly and disassembly by Clamp connections.
- Cleaning can be carried out without disassembling the unit.
- Sanitary single mechanical seal



泵

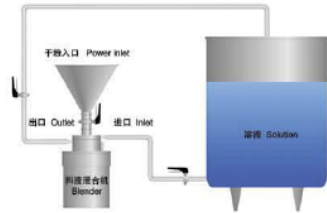
Pump

泵

Pump



应用 Applications

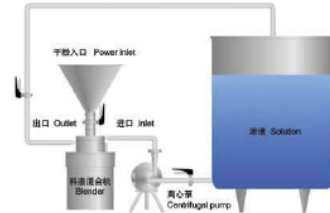


典型应用 1

- 能够实现对多种粉类制品的快速溶解，主要处理固形物含量不超过15%的溶液的制作。通常使用在奶粉，果胶，添加剂，蔗糖等物料的快速溶解过程中。

Typical Application 1

- Can be achieved on fast-dissolving of a variety of powder product, dealing mainly with the solution which with solid content not more than 15%. Usually used in the rapid dissolution process of milk powder, pectin, additives, sugar and other materials.



- 配制糖浆、山梨醇、葡萄糖、乳糖和派生物
- 配制奶粉
- 溶解可粉或糖于牛奶中
- 配制乳浆
- 配制面粉和淀粉浆
- 配制盐水
- 预混酸奶和其他乳制品点
- 溶解斑脱土用于酒过滤
- 溶解酪蛋白和奶酪制作工业中的酪蛋白
- 配制杀虫剂和肥料

- Preparation of sugar syrup, sorbitol, glucose, lactose and derivatives
- Reconstitution of powdered milk
- Dissolution of cocoa and/or sugar in milk
- Reconstitution of powdered whey
- Preparation of flour and starch slurries
- Preparation of brines
- Pre-mixtures of yogurt and other milk-based desserts
- Dissolution of bentonites for wine filtering
- Dissolution of casein and caseinates in the cheese-making industry
- Preparation of pesticides and fertilizers.

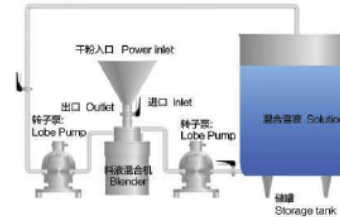
典型应用 2

- 在料液混合机与配料罐间增加了一台离心泵的目的是为了给料液混合机供料，这种配置能够处理固形物含量比较大的溶液，通过离心泵产生的高速液体加速干粉的溶解效果。多应用在最终溶液中固形物含量在25%以下的溶液的处理中。

Typical Application 2

- Increasing a centrifugal pump between Mixer and make-up tank is in order to feed mixer expected, this configuration can handle relatively high solid content of solution, high-speed liquid through the centrifugal accelerates solution processing of dry powder. Mainly used in the processing of final solution with solids content of 25% or less.

应用 Applications



典型应用 3

- 这个系统中配备了2台转子泵，转子泵在输送含有粘度的物料过程中具有比较大的优势，并且具有比较高的压力，这个系统是专门为处理混合高固形物含量的溶液而设计的，特别是在处理固形物含量达到50%以上的溶液的混合处理中具体很好的应用。

Typical Application 3

- This system is equipped with two sets of rotor pumps; rotor pump has a relatively large advantage in the process of delivery of materials containing the viscosity, and has a relatively high pressure. This system is designed to handle high solids content of mixed solution, especially perfect in dealing with the solution with solids content of 50% or more.

选项

- 可以添加以下控制部件:
- 气动阀门
- 高-低水平传感器
- 气动或电动振动器

Options

- The following control components can be added:
- Pneumatic valve.
- High- and low-level sensors.
- Vibrator (pneumatic or electric).

交换台

- 该混合器可以配交换台，用于操作和保护机器。
- 标准的交换台有以下基本的功能:
- 停止/启动
- 紧急停止
- 电机保护

Switchboard

- The mixers can be provided with a switchboard for operation and protection of the equipment.
- The basic functions of the standard switchboard are the following:
- Stop / start.
- Emergency stop.
- Motor protection.



泵

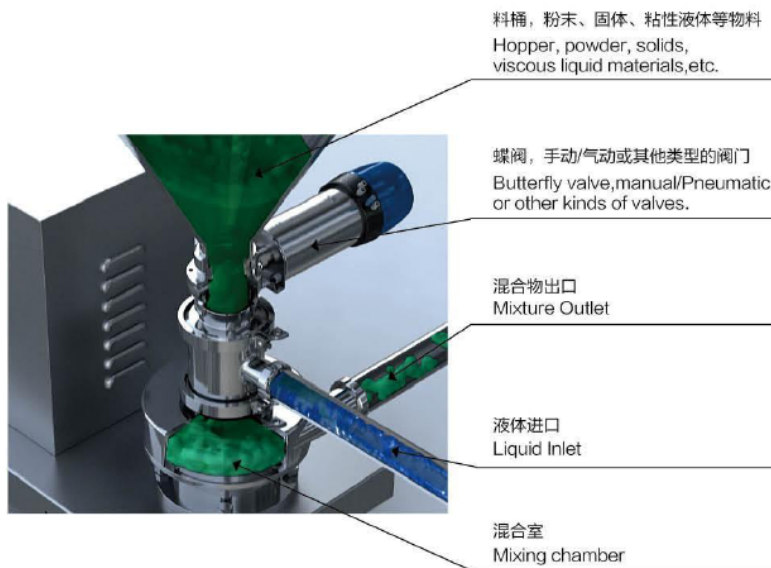
Pump

泵

Pump

固体探测传感器 Solid Detection Sensor

- 由于工序的高角度自动操作，非常重要的一点是，所有和工序相关的振动都要受控制。
 - 为了该需要，我们可以提供在加料斗上加一个或两个探测传感器。
 - 这些传感器供应的信号用于指示加料斗的高低位置。
 - 低水平的信号可以用来控制位于加料斗下部的阀门，以避免空气进入到混合室。
 - 高水平的传感器可以用来控制固体的供给单元。
- Due to the high degree of automation of the processes, it is important that all the variables relevant to the process are controlled.
 - In order to cover this need, we offer the possibility of adding one or two solid detection sensors to the hopper.
 - These sensors provide a signal to indicate low and/or high level in the hopper.
 - The low level signal can be used to control the valve in the lower part of the hopper in order to avoid the entry of air into the mixing chamber.
 - The high level sensor can be used to control a solid feeding unit.

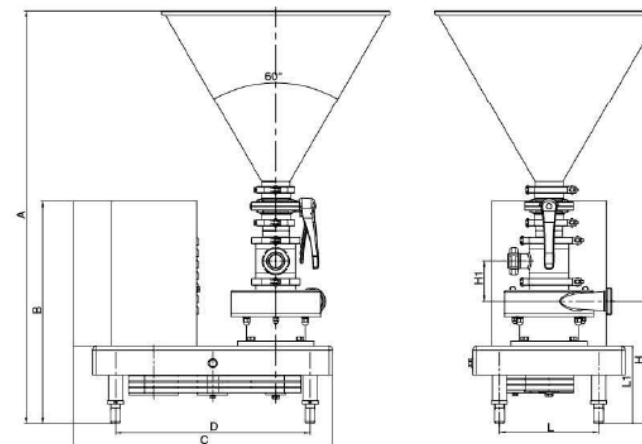


泵
Pump



物料混合泵 (物料混合器) 选型表 Mixing Pump (Blender) Selection Table

型号 Model	流量(吨) Flow rate (T)	功率(kw) Power	固体进口 Solid inlet size	液体进口 Liquid inlet size	出口 Outlet	加料斗容量 Hopper volume	固体吸入量 Solid suction volume	连接方式 Connection way
HHQ-10	10	3.0	DN65-3"	DN40-1.5"	DN50-2"	45 升	2000kg/h	卡箍 螺纹 Clamp; Thread
HHQ-20	20	4.0	DN65-3"	DN40-1.5"	DN50-2"	45 升	3000kg/h	卡箍 螺纹 Clamp; Thread
HHQ-30	30	5.5	DN80-35"	DN50-2"	DN65-2.5"	45 升	4200kg/h	卡箍 螺纹 Clamp; Thread
HHQ-40	40	7.5	DN80-35"	DN50-2"	DN65-2.5"	45 升	5500kg/h	卡箍 螺纹 Clamp; Thread
HHQ-50	50	11.0	DN100-4"	2.5"	DN80-3"	65 升	7000kg/h	卡箍 螺纹 Clamp; Thread
HHQ-60	60	15.0	DN100-4"	2.5"	DN80-3"	65 升	9000kg/h	卡箍 螺纹 Clamp; Thread



注意: 详细选型详见选型表; 以下表格里的尺寸为参考值, 实际尺寸以实物为准。
Attention: Please refer to selection table for details of next page. The size in the following form is the reference value, the actual size is according to practically.

Size	A	B	C	D	H	H1	L	L1
HHQ-10	1083	582	682	630	320	105	400	20
HHQ-20	1083	582	682	630	320	105	400	202
HHQ-30	1135	650	793	770	360	121	420	220
HHQ-40	1135	650	793	770	360	121	420	220
HHQ-50	1183	835	932	870	400	125	470	220
HHQ-60	1203	835	932	870	400	125	470	220

泵
Pump

物料混合泵型号说明 Model Instruction of Mixing Pump



HHQ 10 10t 3kw 380V 50hz M D

- 接口标准: DIN(D) SMS(S) 3A(A) RJT(R) ISO/IDF(I)
- Connection standard: DIN(D) SMS(S) 3A(A) RJT(R) ISO/IDF(I)
- 连接方式: 螺纹(M) 卡箍(C)
- Connection way: Thread(M), Clamp(C)
- 电机频率: 50HZ;60HZ
- Motor frequency: 50HZ;60HZ
- 电压: 110V 220V 380V (详见选型表)
- Voltage: 110V 220V 380V
- 电机功率: 1.1Kw 1.5Kw 2.2Kw.....
- Motor power: 1.1 Kw 1.5Kw 2.2Kw.....
- 流量(详见选型表)
- Flow(Refer to selection table)
- 型号
- Model
- 泵代码
- pump code

例:HHQ-10-10t-3Kw-380V-50HZ-M-D
Sample:HHQ-10-10t-3Kw-380V-50HZ-M-D

卫生级螺杆泵 Sanitary Screw Pump



广泛的应用

• 单螺杆泵被广泛用于各行业输送各类介质, 恒压连续运行, 无脉动, 介质输送无破损, 通过调节转速改变流量达到计量的目的。

输送介质

- 本产品适合输送具有以下特性的介质
- 固体含量高 (最大粒径可达 50mm) 或无固体含量
- 各种粘度 (1mPas~3 百万 mPas) 的介质
- 触变性和易膨胀性介质
- 剪切敏感性介质
- 腐蚀性介质
- 有 / 无自润滑性的介质
- 腐蚀性介质 (PH=0~14)
- 粘结性介质
- 有毒性介质

Wide Application

• Single screw pump is used in all fields widely to feed kinds of medium, running at a constant pressure continuously, without pulse and damage when feeding medium, and change the gauging aim through adjusting rotation speed.

Feeding Medium

- This product is applicable for feeding medium which has the following properties:
- High solid content (diameter of the biggest particle is 50mm) or no solid content
- Medium with all viscosities (1mPas~3,000,000mPas)
- Medium that is easy to be generated and swelled
- Shearing sensitive medium
- Medium with erosion
- Medium with/without self lubrication
- Erosive medium (PH=0~14)
- Adhesive medium
- Toxicity hazard medium

技术参数

Main Parameter

型号 Model	口径 Caliber (mm)	转速 Rotation speed (r/min)	流量 Flow rate (t/h)	功率 Electrical power (Kw)
G10-1	20	1400	0.5	0.37
G15-1	25	980	1	0.55
G20-1	32	980	1.5	0.75
G25-1	32	960	2	1.1
G30-1	40	960	3	1.5
G35-1	50	960	5	2.2
G40-1	50	960	7	3
G45-1	50	720	5.5	2.2
G45-1	50	720	9	4
G45-1	50	720	7	3
G50-1	65	960	13	5.5
G50-1	65	720	10	4
G55-1	76	960	18	7.5
G55-1	76	720	13	5.5
G60-1	89	960	22	11
G65-1	89	720	17	7.5
G65-1	89	720	30	11
G85-1	100	720	60	15

泵

Pump

泵

Pump

