

JONENG卓能

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<http://joneng.en.made-in-china.com/>



专业供应卫生阀门及配件

Specialized for Sanitary valves and fittings

JONENG VALVES CO.,LIMITED

卓能阀门有限公司

DO WHAT WE SAY,SAY WHAT WE DO

说到做到

公司简介

卓能阀门有限公司是一个专门提供卫生阀门管件的公司。

我们主要提供以下产品:

卫生阀门: 蝶阀, 止回阀, 球阀, 恒压阀, 隔膜阀, 换向阀 ...

卫生管件: 弯头, 三通, 卡箍, 接头, 活接头, 清洗球, 视镜, 过滤器 ...

卫生泵: 离心泵, 自吸泵, 转子泵 ...

管子类产品等等

我们的产品广泛用于食品, 饮料, 乳品, 化学, 生物, 制药等工业。

我们始终坚持说自己能做到的, 做自己承诺的。也坚信诚信是唯一可以做长期生意的保证。

欢迎加入卓能。

JoNeng valves is a leading supplier for sanitary stainless steel valves and fittings.

JoNeng valves provides the following sanitary flow control components:

Sanitary valves (butterfly, check, ball, CPM, diaphragm valves...)

Sanitary fittings (elbow, tee, clamp, ferrule, union, cleaning ball, sight glass, filter...)

Sanitary pump (centrifugal, rotary lobe, CIP)

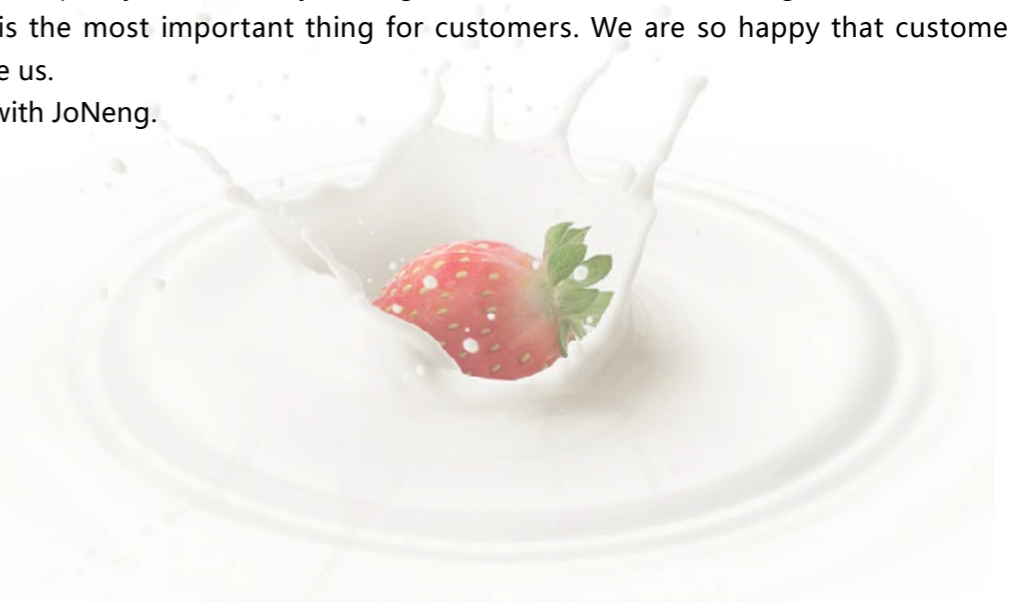
Pipe materials(stainless steel pipe, bar, sheet...)

JoNeng services for food, beverage, dairy, chemical, bioth, pharmaceutical, and etc industries.

JoNeng valves believes in "What we say, what we do". We always believe honesty is the only way leading to long term business relationship. Trying our best for customers and put ourselves into on customers' shoes. Making business with us, making friends with us.

JoNeng has been doing business with customers all over the world since 2007. After so many years, JoNeng know more about customers' requirement and offer better services. Our commitment to fine craftsmanship, good quality, fast delivery time, good after-sales work. In long term relationship, good after-sales work is the most important thing for customers. We are so happy that customers never would like to leave us.

Welcome to join with JoNeng.



生产设备
PRODUCTION EQUIPMENT



检验
INSPECTION



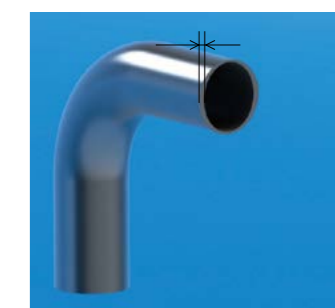
平面垂直度
Squareness face degree



角度
Off angle



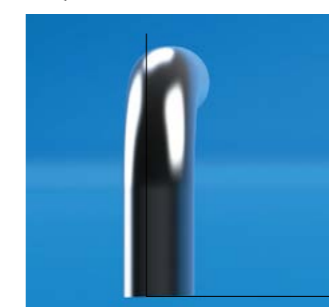
壁厚
Wall thickness



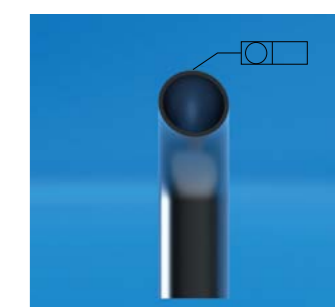
高度
Height



偏移度
Off plane



圆整度
Roundness



证书
CERTIFICATES



应用
APPLICATION



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气动蝶阀
Pneumatic butterfly valve



快装拉杆蝶阀
Pull handle clamped butterfly valve



电动蝶阀
Electrical butterfly valve



外螺纹鸭嘴蝶阀
Threading butterfly valve



快装鸭嘴式蝶阀
Clamped butterfly valve



三片式蝶阀
3 piece butterfly valve



焊接 / 弯头蝶阀
Weld/bend butterfly valve



焊接拉杆蝶阀
Pull handle welded butterfly valve



焊接不锈钢手柄蝶阀
Steel handle welded butterfly valve



快装不锈钢手柄蝶阀
Steel handle clamped butterfly valve



三通式蝶阀
3 way butterfly valve



螺纹 / 活接蝶阀
Male/union butterfly valve

应用
Applications

蝶阀，无论手动或者自动操作，都可以用到食品加工，制药和化工等工业的流体产品应用中。

Butterfly valves, no matter manually or automatically, can be used in most fluid product applications in the food-processing, pharmaceutical and chemical industries.

工作原理
Operating Principles

蝶阀可以通过执行器自动操作也可由手柄手动操作。
手柄控制阀门“开”和“关闭”的位置，当然也可以调节到其他间的位置。
执行器把活塞的轴向运动转换成90度旋转运动，传输给蝶阀。

The butterfly valves can be operated automatically through actuator or manually with the handle.

The handle blocks the valve in the "open" or "closed" position, certainly there are the other position available.

The actuator push piston of axial movement into 90 degree so that it controls butterfly valve.

技术规格
Technical specifications

最大压力: 10bar(DN-25/100)
8bar(DN-125/150)
最小压力: 0.2bar p.abs
工作温度: -10℃到 +120℃ (EPDM)

Max.pressure: 10 bar (DN-25/100)
8 bar (DN-125/150)
Min.pressure: 0.2 bar p.abs
Operating temperature: -10℃ to +120℃ (EPDM)



设计和特点
Design and features

简洁有活力的设计
尺寸DN25/1" 到DN250/10"
多定位手柄尺寸到DN100/4"
拉杆手柄尺寸到DN250/10"
手动手柄和气动或电动执行器可互换
低压消耗
任何连接方式的阀体都可以进行更换

Compact and robust design
Available in sizes D N25/1" to ND 250/10 "
Manual handle, pneumatic actuator and electric actuator can be exchangeable with each other
Low pressure losses
The valve body can be changeable with any kind of connection

选项
Options

垫圈材质有NBR,VMQ (硅胶) 或FPM (氟橡胶) , 它们都符合FDA 177.2600
连接: 焊接, 卡箍, 螺纹, 单焊接单螺纹, 法兰式, DIN, SMS,RJT,ISO,IDF,3A
手柄: 二定位, 三定位, 四定位拉杆手柄, 多位塑料手柄, 多位不锈钢手柄
执行器: 不锈钢气动执行器, 铝制气动执行器, 电动执行器
控制: 位置传感器。

The material of gasket contains NBR, VMQ or FPM, which all confirm to standard of FDA 177.2600
Connection: weld, clamp, thread, single weld singlethread, flange
Handle: two-position handle, DIN,multi-position plastic handle and multi-position stainless steel handle.
Standard: DIN,SMS,RJT,ISO,IDF,3A
Actuator: pneumatic stainless steel actuator, pneumatic aluminum actuator, electric actuator
Control: position sensor.

材质
Materials

蝶板: AISI 316L/304 (锻造)
阀体: AISI 316L/304 (锻造)
垫圈和密封圈: EPDM 根据 FDA 177.2600
手柄: AISI 304/PP
表面处理: Ra=0.8

Butterfly plate: AISI316L/304(forged)
Valve body: AISI316L/304(forged)
Washer and gasket: EPDM which conforms to FDA 177.2600
Handle: AISI304/PP
Surface finishing: Ra=0.8

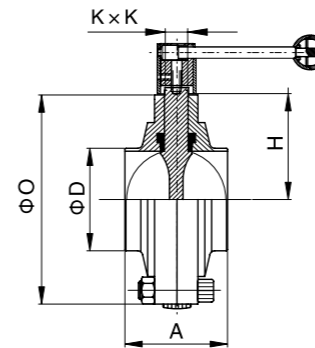


操作扭矩
Operating torque (N.m.)

操作扭矩[N.M]	25-1"	40-1 1/2"	50-2	2 1/2"	65	3"	80	100-4"	125	150
OPERATING TORQUE [N.M]	8	10	14	15	18	18	20	35	55	70

在压力 10Kgr/cm² 下检测 Detect under pressure of 10Kgr/cm²

焊接式蝶阀

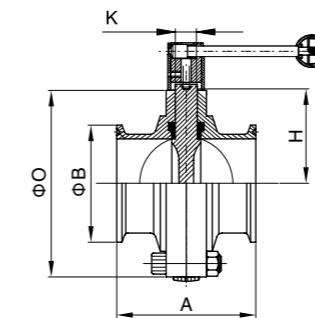


Welded Butterfly Valve

DIN JN-BV 1001

Size	O	D	KXK	A	H
DN15	78.0	18	8.0×8.0	50.0	39.0
DN20	78.0	22	8.0×8.0	50.0	39.0
DN25	78.0	28	8.0×8.0	50.0	39.0
DN32	86	34	8.0×8.0	50.0	43
DN40	90	40	8.0×8.0	50.0	45
DN50	106	52	8.0×8.0	52.0	53
DN65	124	70.0	10.0×10.0	56	62
DN80	139	85.0	10.0×10.0	60	69.5
DN100	160.0	104.0	10.0×10.0	66	80.0
DN125	190.0	129.0	12.0×12.0	80	95.0
DN150	225.0	154.0	12.0×12.0	90	112.5

卡箍式蝶阀

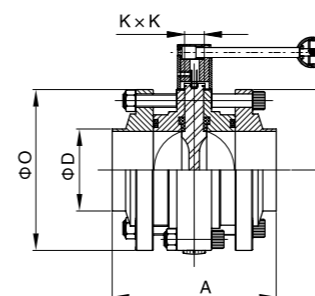


Clamped Butterfly Valve

DIN JN-BV 1002

Size	O	D	KXK	A	H
DN15	78.0	50.5	8.0×8.0	66	39.0
DN20	78.0	50.5	8.0×8.0	66	39.0
DN25	78.0	50.5	8.0×8.0	66	39.0
DN32	86	50.5	8.0×8.0	70	43
DN40	90	50.5	8.0×8.0	74	45
DN50	106	64.0	8.0×8.0	76	53
DN65	124	91.0	10.0×10.0	84	62
DN80	139	106.0	10.0×10.0	90	69.5
DN100	160.0	119.0	10.0×10.0	104	80.0
DN125	190.0	145.0	12.0×12.0	130	95.0
DN150	225.0	167.0	12.0×12.0	150	112.5

三片式蝶阀

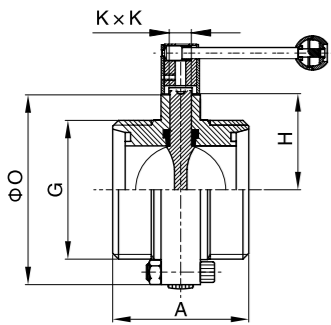


Three-Piece Butterfly Valve

DIN JN-BV 1003

Size	O	D	KXK	A	H
DN15	78.0	19	8.0×8.0	100.0	39.0
DN20	78.0	23	8.0×8.0	100.0	39.0
DN25	78.0	29	8.0×8.0	100.0	39.0
DN32	86.0	35	8.0×8.0	100.0	43
DN40	90.0	41	8.0×8.0	100.0	45
DN50	106.0	53	8.0×8.0	104.0	53
DN65	124.0	70.0	10.0×10.0	108.0	63.5
DN80	139.0	85.0	10.0×10.0	110.0	70.0
DN100	160.0	104.0	10.0×10.0	116.0	80.0
DN125	190.0	129.0	12.0×12.0	138.0	95.0
DN150	225.0	154.0	12.0×12.0	152.0	112.5

螺纹式蝶阀

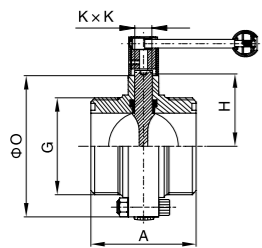


Threaded Butterfly Valve

DIN JN-BV 1004

Size	O	D	KXK	A	H
DN15	78.0	RD34×1/8	8.0×8.0	66	39.0
DN20	78.0	RD44×1/6	8.0×8.0	66	39.0
DN25	78.0	RD52×1/6	8.0×8.0	66	39.0
DN32	86.0	RD58×1/6	8.0×8.0	70	43
DN40	90.0	RD65×1/6	8.0×8.0	74	45
DN50	106.0	RD78×1/6	8.0×8.0	76	53
DN65	124.0	RD95×1/6	10.0×10.0	84	62
DN80	139.0	RD110×1/4	10.0×10.0	90	69.5
DN100	160.0	RD130×1/4	10.0×10.0	104	80.0
DN125	190.0	RD160×1/4	12.0×12.0	130	95.0
DN150	225.0	RD190×1/4	12.0×12.0	150	112.5

螺纹式蝶阀

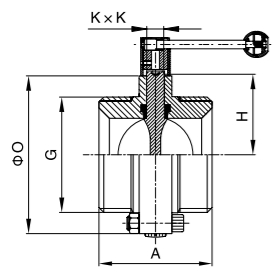


Threaded Butterfly Valve

SMS JN-BV 1005

Size	O	G	KXK	A	H
19	78.0	RD34×1/8	8.0×8.0	66	39.0
25	78.0	RD40×1/6	8.0×8.0	66	39.0
32	28	RD48×1/6	8.0×8.0	70	39.0
38	85	RD60×1/6	8.0×8.0	70	42.5
51	100.0	RD70×1/6	8.0×8.0	70	50.0
63	116	RD85×1/6	10.0×10.0	80	58
76	130	RD98×1/6	10.0×10.0	84	65
89	140.0	RD110×1/6	10.0×10.0	84	70.0
102 Small	160.0	RD125×1/6	10.0×10.0	104	80.0
102 Big	160.0	RD132×1/6	10.0×10.0	104	80.0

螺纹式蝶阀

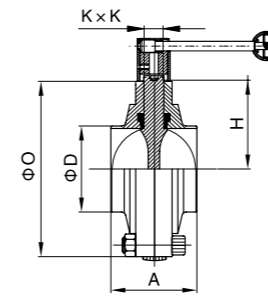


Threaded Butterfly Valve

3A JN-BV 1006

Size	O	G	KXK	A	H
1"	78.0	37.1×6TACME	8.0×8.0	68.0	39.0
1 1/2"	80.0	50.6×6TACME	8.0×8.0	68.0	40.0
2"	100.0	64.2×6TACME	8.0×8.0	76.0	50.0
2 1/2"	117.0	77.7×6TACME	8.0×8.0	80.0	58.5
3"	129.0	91.2×6TACME	10.0×10.0	80.0	64.5
4"	160.0	119.2×6TACME	10.0×10.0	90.0	80.0

焊接式蝶阀

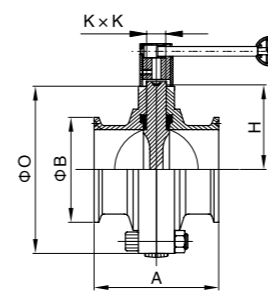


Welded Butterfly Valve

3A/ISO/IDF/SMS JN-BV 1007

Size	O	D	KXK	A	H
19	78.0	19.0	8.0×8.0	50.0	39.0
25	78.0	25.4	8.0×8.0	50.0	39.0
32	80.0	31.8	8.0×8.0	50.0	40.0
38	80.0	38.1	8.0×8.0	50.0	40.0
45	95.0	45.0	8.0×8.0	50.0	47.5
51	100.0	50.8	8.0×8.0	50.0	50.0
57	110.0	57.0	8.0×8.0	50.0	55.0
63	117.0	63.5	10.0×10.0	56.0	58.5
76	129.0	76.2	10.0×10.0	60.0	64.5
89	140.0	89.0	10.0×10.0	62.0	70.0
102	160.0	101.6	10.0×10.0	66.0	80.0
108	160.0	108.0	10.0×10.0	66.0	80.0
133	190.0	133.0	12.0×12.0	74.0	95.0
159	225.0	159.0	12.0×12.0	80.0	112.5
219	285.0	219.0	14.0×14.0	86.0	142.5

卡箍式蝶阀

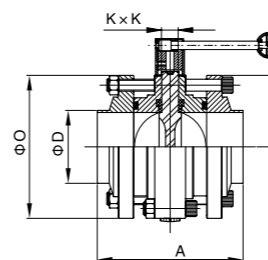


Clamped Butterfly Valve

3A/ISO/IDF/SMS JN-BV 1008

Size	O	B	KXK	A	H
19	78.0	25.4	8.0×8.0	68.0	39.0
25	78.0	50.5	8.0×8.0	68.0	39.0
32	80.0	50.5	8.0×8.0	72.0	40.0
38	80.0	50.5	8.0×8.0	72.0	40.0
45	95.0	64.0	8.0×8.0	72.0	47.5
51	100.0	64.0	8.0×8.0	74.0	50.0
57	110.0	77.5	8.0×8.0	74.0	55.0
63	117.0	77.5	10.0×10.0	80.0	58.5
76	129.0	91.0	10.0×10.0	80.0	64.5
89	140.0	106.0	10.0×10.0	86.0	70.0
102	160.0	119.0	10.0×10.0	90.0	80.0
108	160.0	119.0	10.0×10.0	90.0	80.0
133	190.0	145.0	12.0×12.0	114.0	95.0
159	225.0	183.0	12.0×12.0	120.0	112.5
219	285.0	233.5	14.0×14.0	126.0	142.5

三片式蝶阀

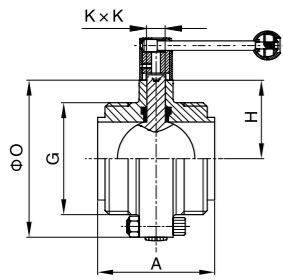


Three-Piece Butterfly Valve

3A/ISO/IDF/SMS JN-BV 1009

Size	O	B	KXK	A	H
19	78.0	19.0	8.0×8.0	100.0	39.0
25	78.0	25.4	8.0×8.0	100.0	39.0
32	80.0	31.8	8.0×8.0	100.0	40.0
38	80.0	38.1	8.0×8.0	100.0	40.0
45	95.0	45.0	8.0×8.0	100.0	47.5
51	100.0	50.8	8.0×8.0	100.0	50.0
57	110.0	57.0	8.0×8.0	104.0	55.0
63	117.0	63.5	10.0×10.0	100.0	58.5
76	129.0	76.2	10.0×10.0	100.0	64.5
89	140.0	89.0	10.0×10.0	100.0	70.0
102	160.0	101.6	10.0×10.0	108.0	80.0
108	160.0	108.0	10.0×10.0	108.0	80.0
133	190.0	133.0	12.0×12.0	114.0	95.0
159	225.0	159.0	12.0×12.0	120.0	112.5
219	285.0	219.0	14.0×14.0	130.0	142.5

螺纹式蝶阀

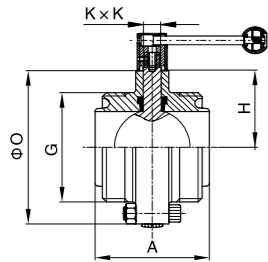


Threaded Butterfly Valve

ISO/IDF JN-BV 1010

Size	O	B	KXK	A	H
1"	78.0	37.1×8TACME	8.0×8.0	66.0	39.0
1 1/2"	88.0	50.6×8TACME	8.0×8.0	70.0	43.0
2"	100.0	64.2×8TACME	10.0×10.0	76.0	51.0
2 1/2"	117.0	77.7×8TACME	10.0×10.0	80.0	57.5
3"	129.0	91.2×8TACME	10.0×10.0	84.0	64.0
4"	160.0	118.4×8TACME	11.0×11.0	104.0	77.0
4"	160.0	125.9×6TACME	11.0×11.0	104.0	77.0

螺纹式蝶阀

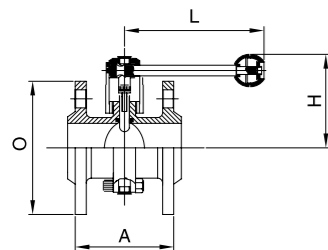


Threaded Butterfly Valve

RJT JN-BV 1011

Size	O	D	KXK	A	H
1"	78.0	45.7×8TWHIT	8.2×8.2	68.0	39.0
1 1/2"	88.0	58.4×8TWHIT	8.2×8.2	68.0	44.0
2"	100.0	72.7×6TWHIT	8.2×8.2	76.0	50.0
2 1/2"	117.0	85.4×6TWHIT	10.0×10.0	80.0	58.5
3"	129.0	98.1×6TWHIT	10.0×10.0	80.0	64.5
4"	160.0	123.8×6TWHIT	10.0×10.0	90.0	80.0
6"	225.0	174.3×6TWHIT	12.0×12.0	90.0	112.5

两边法兰式蝶阀

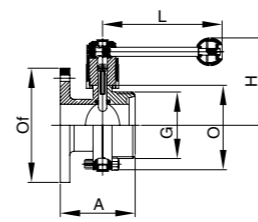


Both Flange Butterfly Valve

DIN JN-BV 1012

Size	A	O	H	L
DN25	100.0	115.0	80.0	120.0
DN32	100.0	135.0	80.0	120.0
DN40	100.0	145.0	86.0	120.0
DN50	102.0	160.0	106.0	120.0
DN65	106.0	180.0	115.0	150.0
DN80	108.0	195.0	122.0	150.0
DN100	114.0	215.0	132.0	170.0
DN125	140.0	245.0	147.0	210.0
DN150	160.0	280.0	162.0	210.0

单四方单螺纹蝶阀

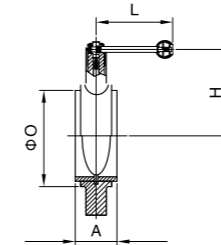


Square-Flanged/ Threaded Butterfly Valve

DIN JN-BV 1013

Size	O	G	Of	A	H	L
DN15	78.0	RD34×1/8	100×100	76	85.0	126.0
DN20	78.0	RD44×1/6	100×100	76	85.0	126.0
DN25	78.0	RD52×1/6	100×100	76	85.0	126.0
DN32	86.0	RD58×1/6	100×100	80	88.0	126.0
DN40	95.0	RD65×1/6	100×100	84	90.0	126.0
DN50	108.0	RD78×1/6	100×100	86	101.0	133.0

对夹式蝶阀

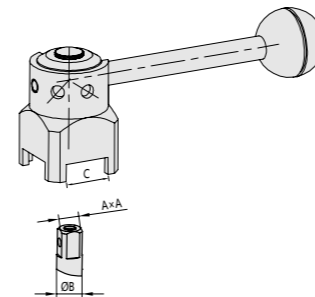


Wafer Butterfly Valve

DIN JN-BV 1014

Size	A	O	L	H
DN40	38.0	85.0	120.0	122.0
DN50	39.0	95.0	120.0	127.0
DN65	42.0	107.0	120.0	133.0
DN80	43.0	125.0	120.0	142.0
DN100	46.0	156.0	150.0	158.0
DN125	48.0	180.0	150.0	160.0
DN150	65.0	205.0	170.0	180.0
DN200	60.0	252.0	210.0	195.0

Wb型 方头拉式手柄



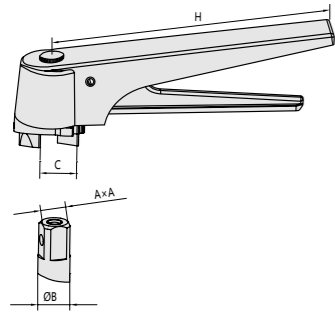
Wb type Square Pull Handle

DIN JN-BV 1015

SIZE	A	B	C	H
DN25-DN50	1.0"-2.5"	8*8	9.8	22
DN65	3"	10*10	13	24
DN80-DN100	4.0"	10*10	13	26
DN125-DN150	5.0"-6.0"	12*12	15.0	30

调节方式：2个定位、3个定位、4个定位；可装配所有蝶阀。
Adjusting: 2 position, 3 position, 4 position used for butterfly valve

Wd型 不锈钢多位手柄



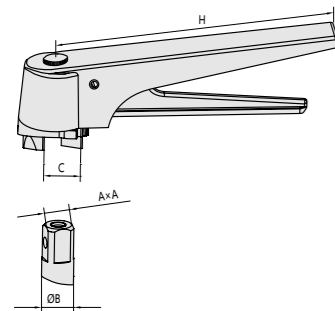
Wd type Stainless Steel Multi-position Handle

JN-BV 1016

SIZE	A*A	B	C	H
DN25-DN50	1.0"-2.5"	8*8	9.8	22
DN65	3"	10*10	13	24
DN80-DN100	4.0"	10*10	13	26

调节方式：可通过15°位置调节开启大小，共有十三个档位；可装配所有蝶阀。
Adjusting: adjustment 15°, 13 position used for butterfly valve

We型 塑料多位手柄



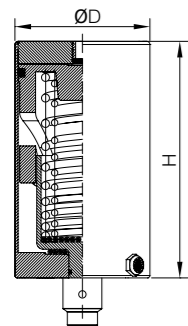
We type Plastic Multi-position Handle

JN-BV 1017

SIZE	A	B	C	H
DN25-DN50	1.0"-2.5"	8*8	9.8	22
DN65	3"	10*10	13	165
DN80-DN100	4.0"	10*10	13	26

调节方式：可通过15°位置调节开启大小，共有十三个档位；可装配所有蝶阀。
Adjusting: adjustment 15°, 13 position used for butterfly valve

不锈钢气动执行器



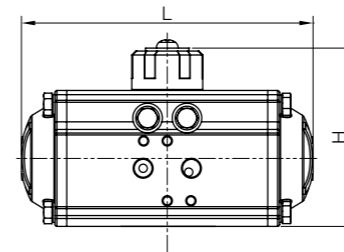
Stainless Steel Pneumatic Actuator

JN-BV 1018

气动装置有三种标准:常开、常闭、气/气;
控制设备:可装配信号反馈装置、电磁阀等通过这些附件可与自动化系统远程控制系统等相连接。
Three types of pneumatic device: closed, opened and closed by two air flues separately.
Control set: can match with feedback device, solenoid valve etc, with help to connect with the automatic system and remote control system.

Size	D	H	可配蝶阀 match with butterfly valve	可配蝶式球阀 match with butterfly-type ball valve
85	85.0	150.0	1"-2.5"	DN20-DN65
108	108.0	180.5	3"-4"	DN80-DN100
133	133.0	250.0	5"-10"	DN125-DN150

铝制气动执行器



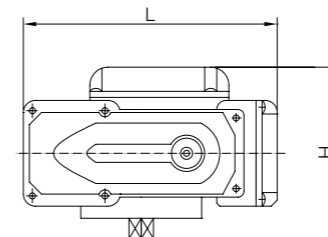
Aluminium pneumatic actuator

JN-BV 1019

气动装置有三种标准:常开、常闭、气/气;
控制设备:可装配信号反馈装置、电磁阀等通过这些附件可与自动化系统远程控制系统等相连接。
Three types of pneumatic device: closed, opened and closed by two air flues separately.
Control set: can match with feedback device, solenoid valve etc, with help to connect with the automatic system and remote control system.

Size	L	H	可配蝶阀 match with butterfly valve	可配蝶式球阀 match with butterfly-type ball valve
ZT050D	140	89	1"-1.25"	DN20-DN32
ZT063D	159	105	1.5"-2.5"	DN40-DN65
ZT075D	210	122	3"-3.5"	DN80
ZT088D	248	135	4"-5"	DN100-DN125
ZT100D	270	147	5"	DN125
ZT115D	315	165	6"	DN150

电动执行器



Motor-driven Actuator

JN-BV 1020

电动装置：开关到位灯、无源接触点信号、机内智能控制、1K 5K电位计
Electric: on-off indicator light, passive contact signal, intelligent control, 1k 5k potentiometer

Size	L	H	H1	可配蝶阀 match with butterfly valve	可配蝶式球阀 match with butterfly-type ball valve
HL-05	157.5	115.0	103.0	1"-4"	DN20-DN100
HL-10	208.0	124.0	115.0	5"-8"	DN125-DN200
HL-20	280.0	135.0	109.0		

操作原理
Operating principle

当流体的压力大于弹簧的抽吸压力时，阀门打开。当两种压力相当时，阀门关闭。
更强大的压差也可以使阀门关闭。

The valve opens when the pressure of the fluid exceeds the pressure exerted by the pump spring. When the two pressures are equalised, the valve closes. A stronger counter-pressure allows the valve to close.

材质
Materials

外部构造和轴	AISI 304或316L	Construction/shaft	AISI304	AISI 316L
弹簧	AISI 301	Spring	AISI 301	
垫圈	EPDM 根据FDA 117.2600	Seal	EPDM according to FDA 177.2600	
表面处理	Ra ≤ 0.8 μm	Surface finishing	Ra ≤ 0.8 μm	



选项
Options

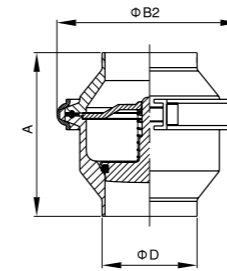
- 垫圈有NBR, FPM (氟橡胶) 或PTFE, 所有都根据FDA 117.2600
- 连接: 焊接, 螺纹, 卡箍, DIN, SMS RJT, IDF, ISO, 3A
- Seals in NBR, FPM (Viton) or PTFE. All of them according to FDA 177.2600
- Connections: weld, thread, clamp, DIN, SMS, RJT, IDF, ISO, 3A

技术规范
Technical specifications

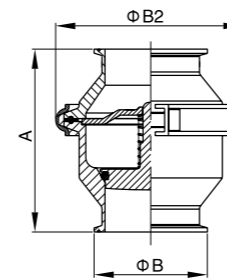
- 最大压力: 10 bar
- 开启压力: 0.3bar(DN-25)
0.2bar(DN-32/40)
0.1bar(DN-50/100)
- 工作温度: -10°C到+120°C(EPDM)
- Max. pressure 10 bar
- Opening pressure: 0.3 bar (DN-25)
0.2 bar (DN-32/40)
0.1 bar (DN-50/100)
- Working temperature -10°C to +120°C (EPDM)



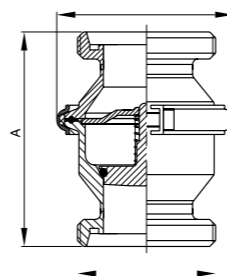
焊接式止回阀



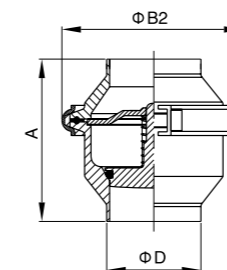
卡箍式止回阀



螺纹式止回阀



焊接式止回阀



Welded check valve

DIN JN-NRV 1001

Size	B2	D	A
DN15	87.0	19	75.0
DN20	87.0	23	75.0
DN25	87.0	29	75.0
DN32	87.0	35	75.0
DN40	87.0	41	75.0
DN50	100.0	53	80.0
DN65	130.0	70.0	110.0
DN80	155.0	85.0	115.0
DN100	165.0	104.0	120.0

Clamped check valve

DIN JN-NRV 1002

Size	B2	D	A
DN15	87.0	50.5	105.0
DN20	87.0	50.5	105.0
DN25	87.0	50.5	105.0
DN32	87.0	50.5	105.0
DN40	87.0	50.5	105.0
DN50	100.0	64.0	110.0
DN65	130.0	91.0	145.0
DN80	155.0	106.0	150.0
DN100	165.0	119.0	155.0

Threaded check valve

DIN JN-NRV 1003

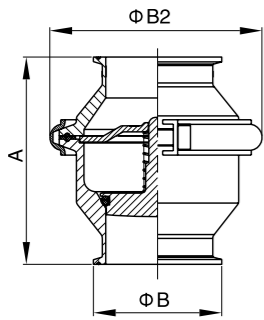
Size	B2	D	A
DN15	87.0	RD34 × 1/8	111.0
DN20	87.0	RD44 × 1/6	115.0
DN25	87.0	RD52 × 1/6	117.0
DN32	87.0	RD58 × 1/6	117.0
DN40	87.0	RD65 × 1/6	117.0
DN50	100.0	RD78 × 1/6	122.0
DN65	130.0	RD95 × 1/6	156.0
DN80	155.0	RD110 × 1/4	167.0
DN100	165.0	RD130 × 1/4	176.0

Welded check valve

SMS JN-NRV 1004

Size	B2	D	A
19	87.0	19.1	75
25	87.0	25.4	80
32	87.0	31.8	80
38	87.0	38.1	80
51	100.0	50.8	90
63	115.0	63.5	102
76	130.0	76.2	102
89	155.0	89.0	115.0
102	165.0	101.6	120.0

卡箍式止回阀

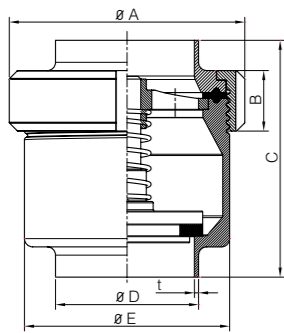


Clamped check valve

SMS JN-NRV 1005

Size	B2	B	A
19	87.0	50.5	100
25	87.0	50.5	100
32	87.0	50.5	100
38	87.0	50.5	100
51	100.0	64.0	115
63	115.0	77.5	127
76	130.0	91.0	127
89	155.0	106.0	150.0
102	165.0	119.0	155.0

焊接式止回阀

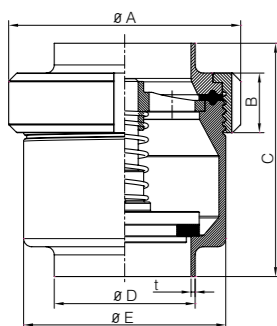


Welded Check Valve

SMS JN-NRV 1006

Size	A	B	C	D	E	t
25	64	20	68	25.4	53.6	1.5
32	64	20	68	31.8	53.6	1.5
38	71	21	76	38.1	60.6	1.5
51	86	22	86	50.8	74.6	1.5
63	100	24	102	63.5	87.6	2.0
76	112	26	110	76.2	97.5	2.0
89	123	26	120	88.9	109.5	2.0
102	143.5	31	135	101.6	129.5	2.0

焊接式止回阀



Welded Check Valve

DIN JN-NRV 1007

Size	A	B	C	E	DIN11850-1	DIN11850-2
					DXt	DXt
DN25	64	20	68	53.5	28x1.5	29x1.5
DN32	64	20	68	53.5	34x1.5	35x1.5
DN40	71	21	76	60.5	40x1.5	41x1.5
DN50	86	22	86	74.6	52x1.5	53x1.5
DN65	108	25	102	94.6	70x2	70x2
DN80	123	26	120	109.5	85x2	85x2
DN100	145.3	31	135	129.5	104x2	104x2

应用

Applications

隔膜阀，手动或气动操作，专门应用于制药工业中的卫生和无菌过程。该阀门非常适用于流体控制和开/关的任务。

Diaphragm valves, manually or pneumatically operated, are specifically designed for use on hygienic and aseptic processes in the pharmaceutical industries. The valve is excellent for flow control as well as for open/close duties.

工作原理

Operating Principles

膜片提供阀体密封和阀座密封。里面没有路径通到外部环境，所以该阀门适用于无菌过程。当阀门关闭时，支撑膜片的压力垫朝阀体上的密封面移动。当压力板移动时，膜片弯曲，被迫推向阀体中心的阀座区域，因此关闭了通向阀体的流体路径。阀体和压力板的相互关系，防止了膜片的挤压。该阀门可以手动也可以气动操作，也可以通过控制器和电磁阀控制。

The diaphragm provides the body seal as well as the seat seal. There are no paths to the outside environment and as such the valve is suitable for aseptic processes. As the valve is closed a pressure pad which supports the diaphragm moves towards the sealing face on the body. As the pressure plate moves the diaphragm flexes and is forced down onto the seat area in the centre of the body thus closing off the flow path through the body. The inter-relationship of body to the pressure plate prevents over compression of the diaphragm. The valve can be actuated either manually or pneumatically and controlled by control tops and solenoid valves.

技术规格

Technical specifications

最大压力 10bar (145 PSI)
最大工作温度 -10°C +120°C (EPDM) -14 ° F +248 ° F (+140 °C (SIP, 30) 284 ° F)

Max. pressure: 10 BAR(145PSI)
Working temperature: -10°C to +120°C (EPDM) -14 ° F to 248 ° F (+140 °C (SIP, max. 30 min) 284 ° F)



EPDM Silicon
Viton PTFE+EPDM

设计和特点
Design and features

该隔膜阀同其他阀门设计相比，该阀门有着优越的流量特点。更容易清洁，很好的处理带颗粒的物料，在流量控制的应用上，气穴现象也更少些。

迷你型隔膜阀规格：1/4", 3/8", 1/2", 3/4"

隔膜阀规格：1", 1 1/4", 1.5", 2", 2.5", 3", 4"

适用于CIP/SIP

和物料接触部分 AISI 316L

其他不锈钢部分 AISI 304

内表面处理 亮光Ra ≤ 0.5 μm

外表面处理 亚光/亮光

The diaphragm valves are better in feature of flow in comparison with other valves. It is easier to clean up and better to process the substance with particles. The phenomenon of air pocket is rare during application of flow control.

Mini diaphragm valve available size: 1/4", 3/8", 1/2", 3/4"

Diaphragm valve available size: 1", 1 1/4", 1 1/2", 2", 2.5", 3", 4"

Suitable for CIP/SIP.

Parts in contact with the product: AISI 316L,

Other stainless steel parts: AISI 304,

Internal surface finish bright, Ra ≤ 0.5 μm

External surface finish satin/bright

选项
Options

连接（标准）：卡箍、焊接、螺纹，DIN SMS IDF ISO 3A BPE

阀体结构：直通、三通、U型

膜片材料：EPDM, SILICON(硅胶)

EPDM+PTFE(双层膜片)符合FDA 177.2600

Connections(standard): clamp, weld, thread, DIN SMS IDF ISO 3A BPE

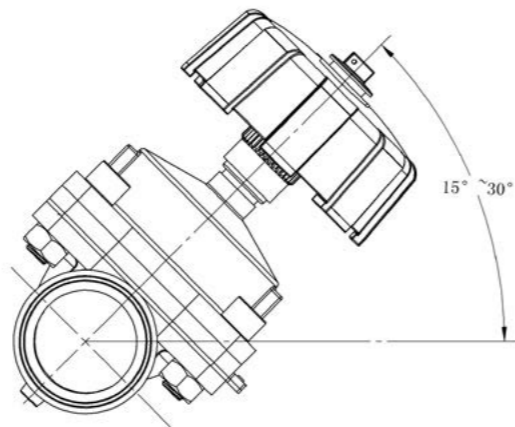
Body construction: Straight, Three ways, U type

Diaphragms in EPDM, SILICON, EPDM+PTFE, all of them according to FDA 177.2600

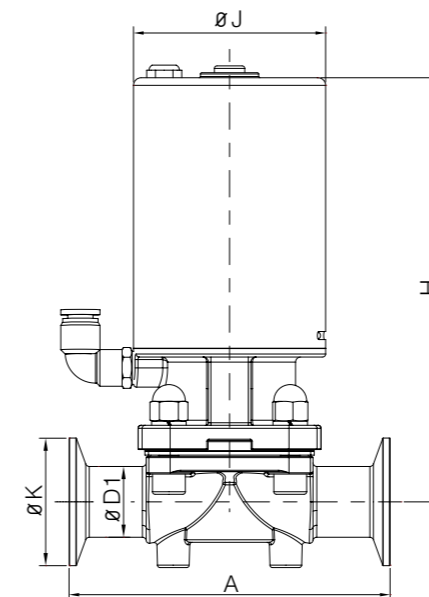
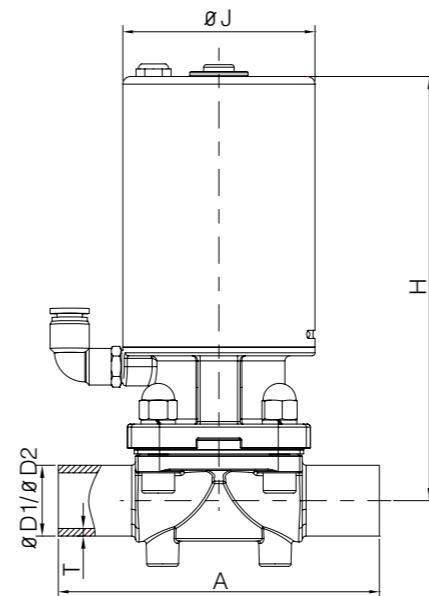
隔膜阀最优安装角度示意图
Optimal Installation Angle Diagram

无菌隔膜阀根据其结构特点：推荐15-30度角安装（根据不同的规格而定），有利于阀门清洗后完全排泄，不易造成液体滞留阀门内部。

According to the structure feature, fifteen thirty degree is optimal, which makes for complete drain after cleaning and keep no residue.



气动隔膜阀
Pneumatic Diaphragm Valve



DIN 焊接气动隔膜阀
Welded Pneumatic Diaphragm Valve No.JN-DV1001

Size	A	D1	D2	T	H	J
DN20	118.0	22.0	23.0	1.5	170.0	76.0
DN25	127.0	28.0	29.0	1.5	170.0	76.0
DN32	146.0	34.0	35.0	1.5	208.0	85.0
DN40	160.0	40.0	41.0	1.5	208.0	85.0
DN50	190.0	52.0	53.0	1.5	246.0	102.0

SMS 焊接气动隔膜阀
Welded Pneumatic Diaphragm Valve No.JN-DV1002

Size	A	D	T	H	J
SMS19	118.0	19.05	1.5	170.0	76.0
SMS25	127.0	25.4	1.5	170.0	76.0
SMS32	146.0	31.8	1.5	208.0	85.0
SMS38	160.0	38.1	1.5	208.0	85.0
SMS51	190.0	50.8	1.5	246.0	102.0

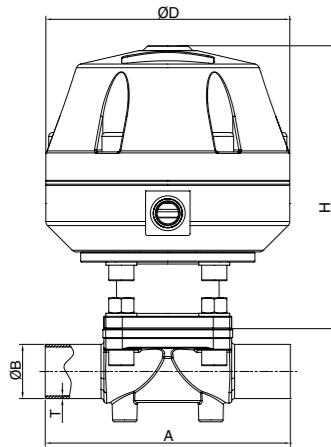
DIN 快装气动隔膜阀
Clamp Pneumatic Diaphragm Valve No.JN-DV1003

Size	A	D1	K	H	J
DN20	118.0	22.0	50.5	170.0	76.0
DN25	127.0	28.0	50.5	170.0	76.0
DN32	146.0	34.0	50.5	208.0	85.0
DN40	160.0	40.0	50.5	208.0	85.0
DN50	190.0	52.0	64.0	246.0	102.0

SMS 快装气动隔膜阀
Clamp Pneumatic Diaphragm Valve No.JN-DV1004

Size	A	D1	K	H	J
SMS19	118.0	19.05	50.5	170.0	76.0
SMS25	127.0	25.4	50.5	170.0	76.0
SMS32	146.0	31.8	50.5	208.0	85.0
SMS38	160.0	38.1	50.5	208.0	85.0
SMS51	190.0	50.8	64.0	246.0	102.0

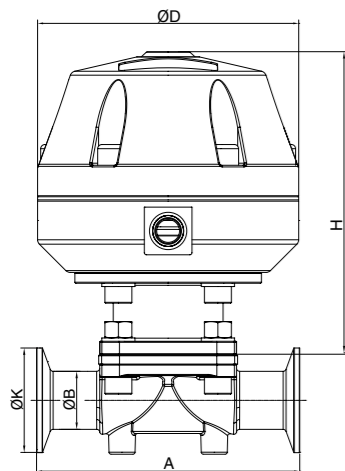
卫生级气动焊接式隔膜阀



Sanitary Pneumatic Welded Diaphragm Valve **No.JN-DV1005**

DIN	Size			A	D	H
	3A	SMS	ISO			
DN20 B×T 22×1.5	3/4" B×T 19.1×1.65	19 B×T 19.1×1.5	Φ19 B×T 19.1×1.5	108.0	126.0	146.2
DN25 B×T 28×1.5	1" B×T 25.4×1.65	25 B×T 25.4×1.5	Φ25 B×T 25.4×1.5	118.0	126.0	146.2
DN32 B×T 34×1.5	1 1/4" B×T 31.8×1.65	32 B×T 31.8×1.5	Φ32 B×T 31.8×1.5	127.0	126.0	146.2
DN40 B×T 40×1.5	1 1/2" B×T 38.1×1.65	38 B×T 38.1×1.5	Φ38 B×T 38.1×1.5	146.0	126.0	146.2
DN50 B×T 52×1.5	2" B×T 50.8×1.65	51 B×T 50.8×1.5	Φ51 B×T 50.8×1.5	190.0	126.0	146.2
DN65 B×T 70×2	2 1/2" B×T 63.5×1.65	63 B×T 63.5×2	Φ63 B×T 63.5×2	216.0	126.0	146.2

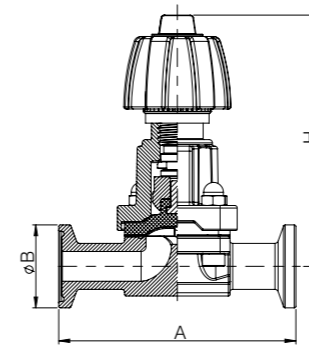
卫生级气动快装式隔膜阀



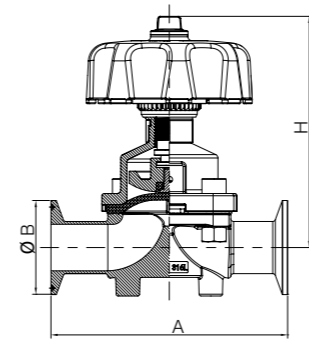
Sanitary Pneumatic Clamped Diaphragm Valve **No.JN-DV1006**

DIN	Size			A	D	H
	3A	SMS	ISO			
DN20 B 22 K 50.5	3/4" B 19.1 K 25.4	19 B 19.1 K 25.4	Φ19 B 19.1 K 25.4	108.0	126.0	146.2
DN25 B 28 K 50.5	1" B 25.4 K 50.5	25 B 25.4 K 50.5	Φ25 B 25.4 K 50.5	118.0	126.0	146.2
DN32 B 34 K 50.5	1 1/4" B 31.8 K 50.5	32 B 31.8 K 50.5	Φ32 B 31.8 K 50.5	127.0	126.0	146.2
DN40 B 40 K 50.5	1 1/2" B 38.1 K 50.5	38 B 38.1 K 50.5	Φ38 B 38.1 K 50.5	146.0	126.0	146.2
DN50 B 52 K 64.0	2" B 50.8 K 64.0	51 B 50.8 K 64.0	Φ51 B 50.8 K 64.0	190.0	126.0	146.2
DN65 B 70 K 91.0	2 1/2" B 63.5 K 77.5	63 B 63.5 K 77.5	Φ63 B 63.5 K 77.5	216.0	126.0	146.2

快装式手动隔膜阀
Clamp Manual Diaphragm Valve



DN6-DN10

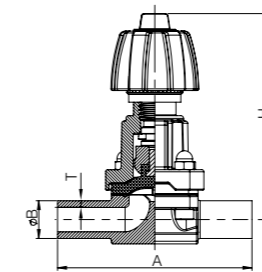


DN15-DN50

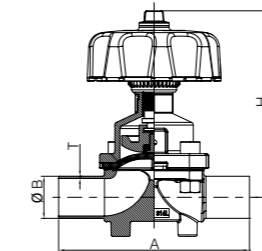
No.JN-DV1007

Size		A	B	H
DN6	1/4"	72.0	34	74.5/79.5
DN8	3/8"	72.0	34	74.5/79.5
DN10	1/2"	72.0	34	74.5/79.5
DN15	3/4"	108.0	34	90.5/99.5
DN20		118.0	50.5	111.5/122
DN25	1"	127.0	50.5	111.5/122
DN32	1 1/4"	146.0	50.5	131.0/148.5
DN40	1 1/2"	160.0	50.5	131.0/148.5
DN50	2"	190.0	64	160.5/187
DN65	2 1/2"	216.0	91	199/228

焊接式手动隔膜阀 (RGA)
Welded Manual Diaphragm Valve (RGA)



DN6-DN10



DN15-DN50

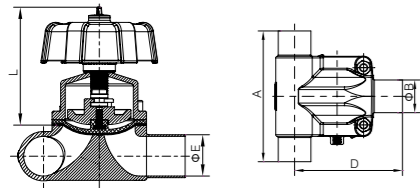
No.JN-DV1008

Size		A	B	H	T
DN6	1/4"	72.0	6.0	74.5/79.5	1.0
DN8	3/8"	72.0	8.0	74.5/79.5	1.0
DN10	1/2"	72.0	12.0	74.5/79.5	1.5
DN15	3/4"	108.0	18.0	90.5/99.5	1.5
DN20		118.0	22.0	111.5/122	1.5
DN25	1"	127.0	28.0	111.5/122	1.5
DN32	1 1/4"	146.0	34.0	131.0/148.5	1.5
DN40	1 1/2"	160.0	40.0	131.0/148.5	1.5
DN50	2"	190.0	52.0	160.5/187	1.5
DN65	2 1/2"	216.0	70.0	199/228	2.0

三通隔膜阀
Three-way Diaphragm Valve

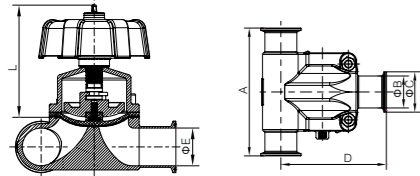
焊接式
Welded Type

No.JN-DV1009



Size	A	B	C	D	E	L
DN20 3/4"	118	22	50.5	81	19	93/103.5
DN25 1"	127	28	50.5	101.5	25	93/103.5
DN32 1 1/4"	146	34	50.5	123	31	107/124.5
DN40 1 1/2"	160	40	50.5	132	37	107/124.5
DN50 2"	190	52	64	157	49	129/151.5

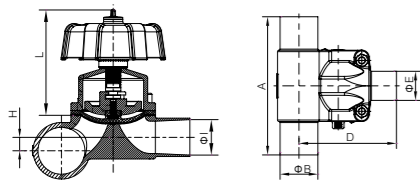
快装式
Clamp Type



变径三通隔膜阀
Slanting Three-way Diaphragm Valve

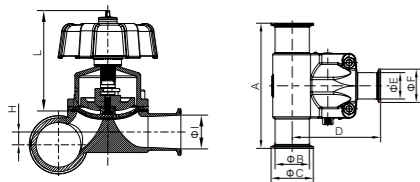
焊接式
Welded Type

No.JN-DV1010



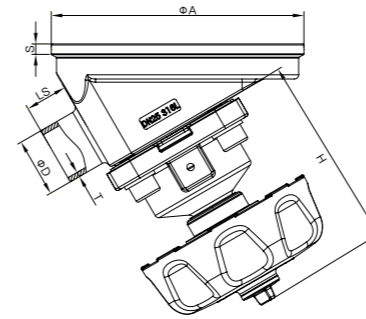
Size	A	B	C	D	E	F	I	H	L
DN20/25	127	28	50.5	83	22	50.5	19	5.5	93/103.5
DN20/32	146	34	50.5	85	22	50.5	19	8	93/103.5
DN20/40	160	40	50.5	87	22	50.5	19	10.5	93/103.5
DN20/50	190	52	64	105	22	50.5	19	14.5	93/103.5
DN25/32	146	34	50.5	103.5	28	50.5	25	6.5	93/103.5
DN25/40	160	40	50.5	105.5	28	50.5	25	8.5	93/103.5
DN25/50	190	52	64	109.5	28	50.5	25	14.5	93/103.5
DN32/40	160	40	50.5	125	34	50.5	31	6	107/124.5
DN32/50	190	52	64	127	34	50.5	31	13	107/124.5
DN40/50	190	52	64	134	40	50.5	37	13	107/124.5

快装式
Clamp Type



手动罐底隔膜阀
Manual Tank Bottom Diaphragm Valve

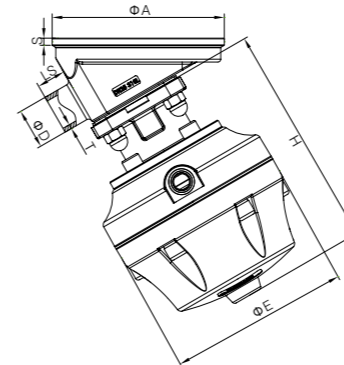
No.JN-DV1011



Size	A	S	LS	H	D	T
DN10 1/2"	90	6	16	76.5/85.5	12	1.5
DN15 3/4"	90	6	16	76.5/85.5	18	1.5
DN20	90	6	16	93/103.5	22	1.5
DN25 1"	120	6	20	93/103.5	28	1.5
DN32 1 1/4"	160	6	20	107/124.5	34	1.5
DN40 1 1/2"	160	6	20	107/124.5	40	1.5
DN50 2"	200	6	30	129/151.5	52	1.5

气动罐底隔膜阀
Pneumatic Tank Bottom Diaphragm Valve

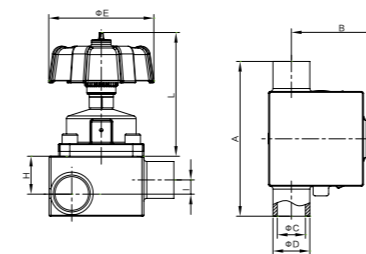
No.JN-DV1012



Size	A	S	LS	H	E	D	T
DN10 1/2"	90	6	16	125	90	12	1.5
DN15 3/4"	90	6	16	125	90	18	1.5
DN20	90	6	16	125	90	22	1.5
DN25 1"	120	6	20	160	126	28	1.5
DN32 1 1/4"	160	6	20	190	150	34	1.5
DN40 1 1/2"	160	6	20	190	150	40	1.5
DN50 2"	200	6	30	190	150	52	1.5

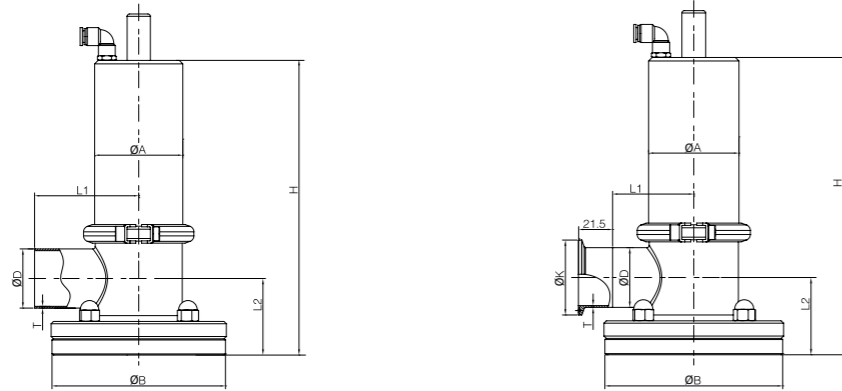
锻造等径三通隔膜阀
Forge Three-way Diaphragm Valve

No.JN-DV1013



Size	A	B	C	D	E	L	H	I
DN15 3/4"	108	66	18	15	65	76.5/85.5	25	10
DN20	118	75	19	22	65	76.5/85.5	25	10
DN25 1"	127	82	25	28	89	93/103.5	28	10
DN32 1 1/4"	146	98.5	31	34	109	107/124.5	36	11
DN40 1 1/2"	160	105.5	37	40	109	107/124.5	39	14
DN50 2"	190	123	49	52	139	129/151.5	46.5	12
DN65 2 1/2"	216	129.5	67	70	200	140/168	55	10

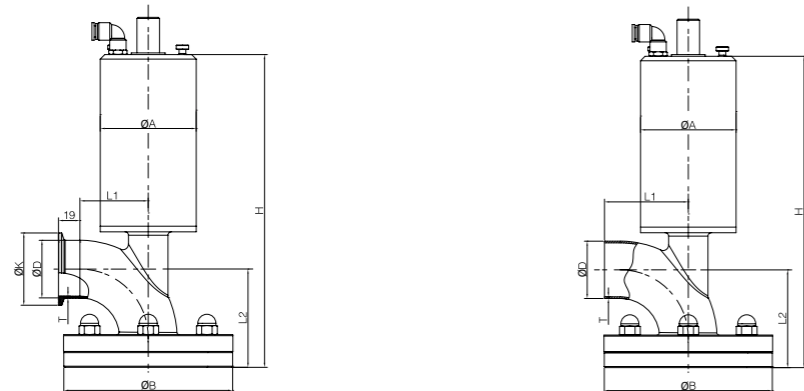
气动罐底阀
Pneumatic Tank Bottom Valve



DIN-JN-DV1014

DIN	Size			H	L1	L2	A	B	K
	3A	SMS	ISO						
DN40 D×T 40×1.5	1 1/2" D×T 38.1×1.65	38 D×T 38.1×1.5	Φ38 D×T 38.1×1.5	254.0	75.5	63.5	76.0	150.0	64.0
DN50 D×T 52×1.5	2" D×T 50.8×1.65	51 D×T 50.8×1.5	Φ51 D×T 50.8×1.5	254.0	75.5	66.0	76.0	150.0	64.0

气动罐底阀
Pneumatic Tank Bottom Valve



DIN-JN-DV1015

DIN	Size			H	L1	L2	A	B	K
	3A	SMS	ISO						
DN40 D×T 40×1.5	1 1/2" D×T 38.1×1.65	38 D×T 38.1×1.5	Φ38 D×T 38.1×1.5	277.0	60.5	81.0	85.0	149.5	64.0
DN50 D×T 52×1.5	2" D×T 50.8×1.65	51 D×T 50.8×1.5	Φ51 D×T 50.8×1.5	277.0	60.5	87.0	85.0	149.5	64.0

三片式球阀
Three-piece Ball Valve

应用：

该类型球阀系列是一款卫生型的用于物料传送控制的阀门。广泛应用于食品、饮料加工，以及制药和化学工业领域。

Application:

This type of ball valve series is a kind of sanitary valve which used to control the material transfer. It is widely used in food, beverage processing, pharmaceutical and chemical industry area.

设计标准：

Design standard:

ISO5211
ISO 2037-92

试验与检验标准：

Test and inspection standards:

GB/T13927-2008



产品特征：

- 1、阀杆防飞出设计
- 2、阀体与阀盖连接带定位台阶设计
- 3、全流通
- 4、无滞留设计
- 5、阀杆密封填料自补偿装置
- 6、挂锁装置

1. valve stem anti-flying design
2. the connection between valve body and bonnet with positioning stage design
3. circulation
4. no retention design
5. stem seal packing with compensating device
6. padlock device



工作原理：

通过 90° 旋转手柄，带动有贯通腔的精确制造的球体，以便开启或关闭阀门，从而实现控制介质流量。

Working Principle:

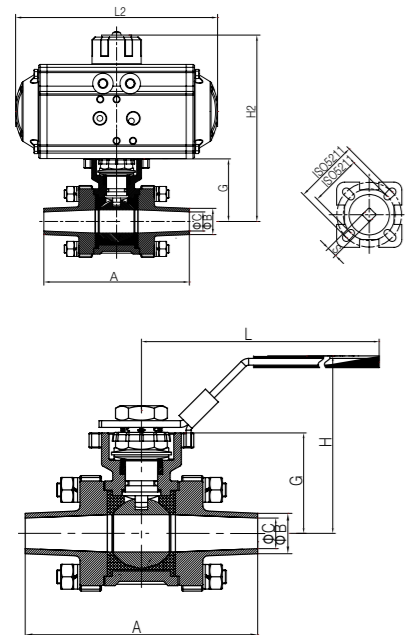
With the 90° rotary handle, drive the precise manufacturing ball body which with through cavity, turn on or off, so that can control the medium flow.

材质：

钢制部件：
不锈钢《304》《1.4301》
不锈钢《316L》《1.4404》
密封件：聚四氟乙烯（PTFE）
Material:
Steel part: 304(1.4301) / 316L (1.4404)
Gasket: PTFE

三片式焊接手动/气动球阀

Three-piece Welded Manual / Pneumatic Ball Valve

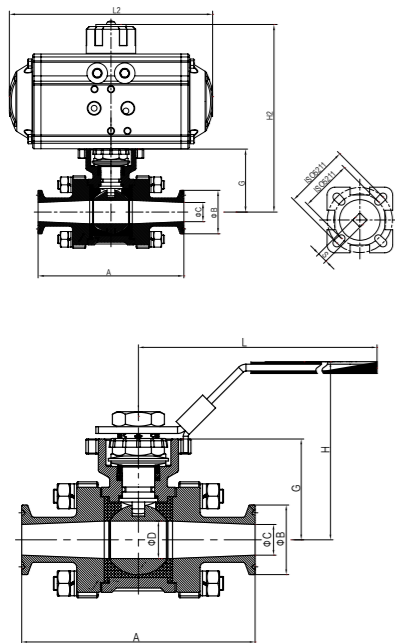


JN-BLV2009

Size	A	G	H	H2	L	L2	ISO5211	S	空载首次扭矩 N.m
DN15	1/2"	93	40.3	71	129.3	130	F03 PCD36 6×4	9	5.5
							F04 PCD42 6×4		
DN20	3/4"	103.5	42.3	73	131.3	130	F03 PCD36 6×4	9	5.5
							F04 PCD42 6×4		
DN25	1"	110	53.4	91.6	142.4	165	F04 PCD42 6×4	11	11.8
							F05 PCD50 7×4		
DN32	1 1/4"	120	58.4	96.6	147.4	165	F04 PCD42 6×4	11	14.2
							F05 PCD50 7×4		
DN40	1 1/2"	129	70.8	104	175.8	190	F05 PCD50 7×4	14	19.0
							F07 PCD70 9×4		
DN50	2"	145	77.8	110	182.8	190	F05 PCD50 7×4	14	23.7
							F07 PCD70 9×4		

三片式快装手动/气动球阀

Three-piece Clamp Manual / Pneumatic Ball Valve

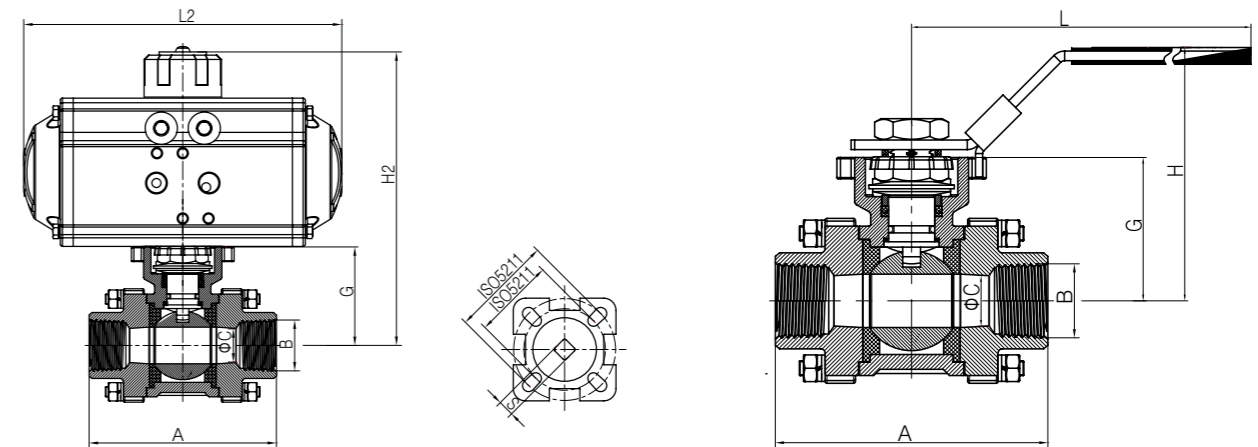


JN-BLV2009

Size	A	G	H	H2	L	L2	ISO5211	S	空载首次扭矩 N.m
DN15	1/2"	93	40.3	71	129.3	130	F03 PCD36 6×4	9	5.5
							F04 PCD42 6×4		
DN20	3/4"	103.5	42.3	73	131.3	130	F03 PCD36 6×4	9	5.5
							F04 PCD42 6×4		
DN25	1"	110	53.4	91.6	142.4	165	F04 PCD42 6×4	11	11.8
							F05 PCD50 7×4		
DN32	1 1/4"	120	58.4	96.6	147.4	165	F04 PCD42 6×4	11	14.2
							F05 PCD50 7×4		
DN40	1 1/2"	129	70.8	104	175.8	190	F05 PCD50 7×4	14	19.0
							F07 PCD70 9×4		
DN50	2"	145	77.8	110	182.8	190	F05 PCD50 7×4	14	23.7
							F07 PCD70 9×4		

三片式内螺纹手动/气动球阀

Three-piece Femaled Manual / Pneumatic Ball Valve



JN-BLV2009

Size	A	B	G	H	H2	L	L2	ISO5211	S	空载首次扭矩 N.m
DN15	1/2"	77	Rc1/2-14	40.3	71	129.3	130	F03 PCD36 6×4	9	5.5
								F04 PCD42 6×4		
DN20	3/4"	82.9	Rc3/4-14	42.3	73	131.3	130	F03 PCD36 6×4	9	5.5
								F04 PCD42 6×4		
DN25	1"	93.8	Rc1-11	53.4	91.6	142.4	165	F04 PCD42 6×4	11	11.8
								F05 PCD50 7×4		
DN32	1 1/4"	105.8	Rc1 1/4-11	58.4	96.6	147.4	165	F04 PCD42 6×4	11	14.2
								F05 PCD50 7×4		
DN40	1 1/2"	116.6	Rc1 1/2-11	70.8	104	175.8	190	F05 PCD50 7×4	14	19.0
								F07 PCD70 9×4		
DN50	2"	136.4	Rc2-11	77.8	110	182.8	190	F05 PCD50 7×4	14	23.7
								F07 PCD70 9×4		

直通球阀
DIRECT WAY BALL VALVE



应用
Applications

无论是手动还是自动操作球阀，主要应用于加工饮料，酿酒，炼油，化妆品和化学工业。
It Is Widely Used In Beverage, Brewing, Oil Refinery, Cosmetic, Chemical Industries.



设计和特点
Design and features

无需维护
比其他的阀门更小更轻
操纵扭矩小
垫圈根据PTFE FDA 177.2600
无论流体是何种流向，手柄可以安装在侧边的阀体上
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
连接：螺纹，焊接，卡箍，法兰，DIN SMS RJT FIL
可装配气动执行器，电动执行器
物料接触部位 AISI 304/316L，其它部位 AISI 304
阀门类型：直通球阀，三片式球阀，三通球阀
球芯类型：T型、L型、直通型
材质：AISI 304 316L

Free of maintenances
Compact and portable
Small operating torque
Gasket complies with PTFE FDA 177.2600
Hand lever can be installed on the side of the valve body, no matter of the flow direction.
Connection ends: thread, clamp, weld, flange, DIN, SMS, RJT, FIL.
It can match with pneumatic and electric actuators.
Material for the part contacted with media is AISI 304/316L. Other part is AISI 304
Type of valves: One way ball valve, three-piece ball valve. Three-way ball valve
Type of cores: T type, L type, direct type.
Material quality:AISI 304,316L

操作扭矩(N.m.)
Operating torque(N.m.)

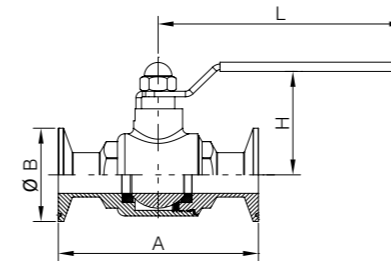
操作扭矩(N.m) (干燥测试) Dry test	DN10-DN20	DN25	DN32	DN40	DN50	2.5"	DN65	DN80	DN100
	1/2"-3/4"	1"	1 1/4"	1 1/2"	2"	25	30	3"	4"
	8	8"	10	12	17			40	70



三通球阀
Three-way ball valed

常规直通球阀
Sanitary straight ball valve

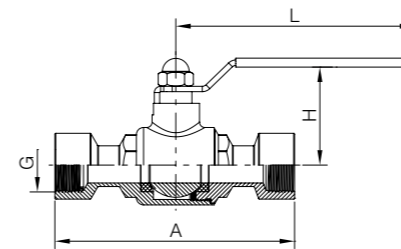
卡箍式直通球阀



Clamped Straight Ball Valve **JN-BLV2001**

Size	A	B	H	L
19	95.0	50.5	55.0	125.0
25	120.0	50.5	55.0	125.0
32	130.0	50.5	55.0	140.0
38	140.0	50.5	65.0	150.0
51	164.0	64.0	75.0	160.0
63	190.0	77.5	85.0	180.0
76	210.0	91.0	100.0	260.0
101.6	260.0	119.0	120.0	350.0

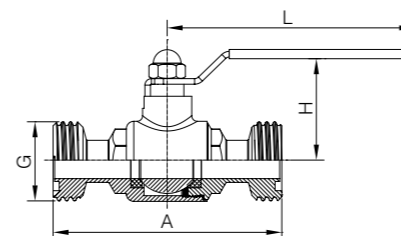
内螺纹式直通球阀



Femaled Straight Ball Valve **JN-BLV2002**

Size	A	G	H	L
19	120.0	G3/4-14	55.0	125.0
25	130.0	G1-11	55.0	125.0
32	140.0	G1 1/4-11	55.0	140.0
38	164.0	G1 1/2-11	65.0	150.0
51	190.0	G2-11	75.0	160.0
63	210.0	G2 1/2-11	85.0	180.0
76	230.0	G3-11	100.0	260.0
101.6	260.0	G4-11	120.0	350.0

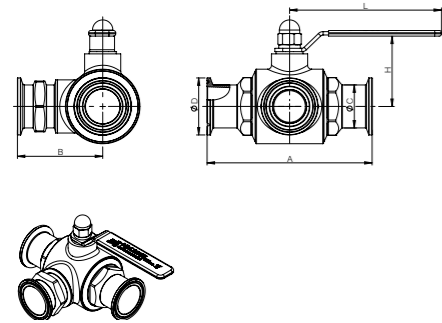
外螺纹式直通球阀



Maled Straight Ball Valve **JN-BLV2003**

Size	A	G	H	L
19	95.0	RD36X1/8	55.0	125.0
25	120.0	RD40X1/6	55.0	125.0
32	130.0	RD48X1/6	55.0	140.0
38	140.0	RD60X1/6	65.0	150.0
51	164.0	RD70X1/6	75.0	160.0
63	195.0	RD85X1/6	85.0	180.0
76	210.0	RD98X1/6	100.0	260.0
101.6	260.0	RD125X1/4	120.0	350.0

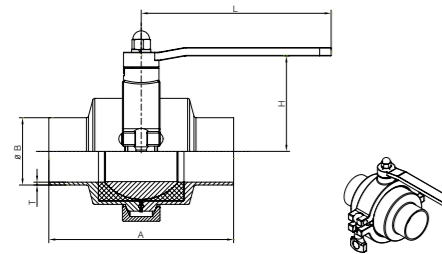
快装三通球阀
Clamped Three-way Ball Valve



Size	A	B	C	D	H	L
3/4"	100	50	19.05	25.2/50.5	55	125
1"	120	60	25.4	50.5	55	125
1 1/4"	140	70	31.8	50.5	55	140
1 1/2"	150	75	38.1	50.5	65	150
2"	165	82.5	50.8	64	75	160
2 1/2"	190	95	63.5	77.5	85	180

JN-BLV2004

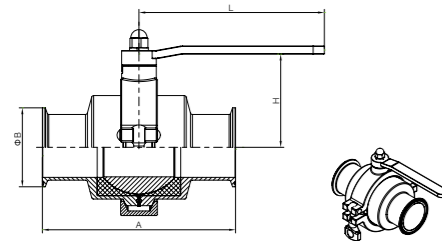
焊接式常规无滞留球阀
Welded Conventional Non-retention Ball Valve



Size	A	H	L	
DN15	3/4"	90.0	55.0	125.0
DN20	1"	100.0	55.0	125.0
DN25	1 1/4"	110.0	55.0	125.0
DN32	1 1/2"	120.0	55.0	140.0
DN40	2"	140.0	65.0	150.0
DN50	2 1/4"	164.0	75.0	160.0
DN65	2 1/2"	170.0	85.0	180.0

JN-BLV2005

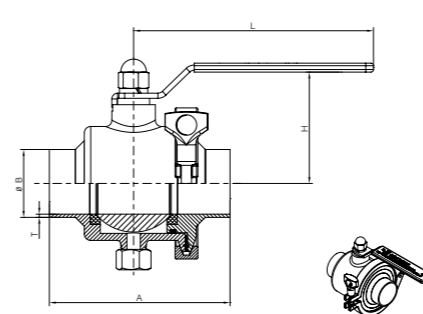
卡箍式常规无滞留球阀
Clamped Conventional Non-retention Ball Valve



Size	A	B	H	L	
DN15	3/4"	90.0	50.5	55.0	125.0
DN20	1"	100.0	50.5	55.0	125.0
DN25	1 1/4"	110.0	50.5	55.0	125.0
DN32	1 1/2"	120.0	50.5	55.0	140.0
DN40	2"	140.0	50.5	65.0	150.0
DN50	2 1/4"	164.0	64.0	75.0	160.0
DN65	2 1/2"	170.0	91.0	85.0	180.0

JN-BLV2006

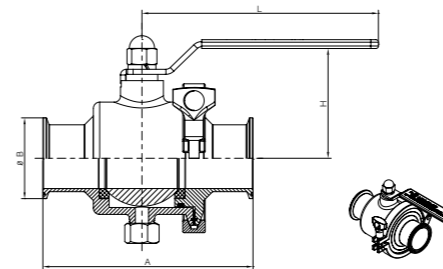
焊接轻便式球阀
Welded Portable Ball Valve



Size	A	H	L	
DN15	3/4"	69.6	60.0	125.0
DN20		69.6	60.0	125.0
DN25	1"	94.6	60.0	125.0
DN32	1 1/4"	104.6	65.0	140.0
DN40	1 1/2"	114.6	70.0	150.0
DN50	2"	138.6	70.0	160.0
DN65	2 1/2"	164.6	90.0	180.0

DN-BLV2007

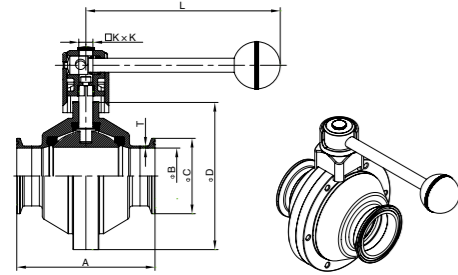
卡箍轻便式球阀
Clamped Portable Ball Valve



Size	A	B	H	L	
DN15	3/4"	95.0	50.5	60.0	125.0
DN20		95.0	50.5	60.0	125.0
DN25	1"	120.0	50.5	60.0	125.0
DN32	1 1/4"	130.0	50.5	65.0	140.0
DN40	1 1/2"	140.0	50.5	70.0	150.0
DN50	2"	164.0	64.0	70.0	160.0
DN65	2 1/2"	190.0	91.0	90.0	180.0

DN-BLV2008

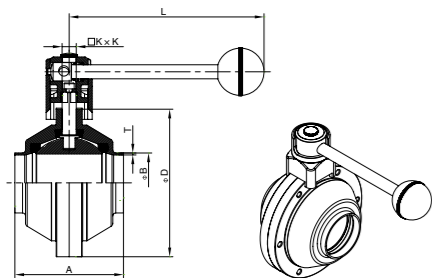
快装蝶式球阀
Clamp Butterfly Type Ball Valve



DIN-BLV2009

Size	A	B	C	D	T	L	KxK	
DN25	1"	87	22.1	50.5	90	1.65	136	10x10
DN32	1 1/4"	97.4	28.5	50.5	98	1.65	136	10x10
DN40	1 1/2"	112.4	34.8	50.5	110	1.65	163	10x10
DN50	2"	117.4	47.5	64.0	125	1.65	163	10x10
	2 1/2"	138	59.5	77.5	152	2.0	186	14x14
DN65	3"	152	72.2	91.0	170	2.0	186	14x14
DN80	3 1/2"	173.4	84.9	106	186	2.0	186	14x14
DN100	4"	194	97.4	119	212	2.1	186	14x14

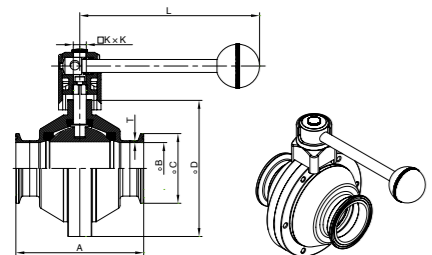
焊接蝶式球阀



3A-BLV2010

Size	A	B	D	T	L	KxK	
1"	DN25	61.6	25.4	90	1.65	136	10x10
1 1/4"	DN32	72	31.8	98	1.65	136	10x10
1 1/2"	DN40	87	38.1	110	1.65	163	10x10
2"	DN50	92	50.8	125	1.65	163	10x10
2 1/2"		112.6	63.5	152	1.65	186	14x14
3"	DN65	126.6	76.2	170	1.65	186	14x14
3 1/2"	DN80	148	88.9	186	1.65	186	14x14
4"	DN100	162	101.6	212	2.1	186	14x14

快装蝶式球阀



3A-BLV2011

Size	A	B	C	D	T	L	KxK	
1"	DN25	87	22.1	50.5	90	1.65	136	10x10
1 1/4"	DN32	97.4	28.5	50.5	98	1.65	136	10x10
1 1/2"	DN40	112.4	34.8	50.5	110	1.65	163	10x10
2"	DN50	117.4	47.5	64.0	125	1.65	163	10x10
2 1/2"		138	59.5	77.5	152	2.0	186	14x14
3"	DN65	152	72.2	91.0	170	2.0	186	14x14
3 1/2"	DN80	173.4	84.9	106	186	2.0	186	14x14
4"	DN100	194	97.4	119	212	2.1	186	14x14

卫生级截止/换向阀
SANITARY STOP/REVERSING VALVE

应用

该类型阀门主要是为了让介质达到换向或截止停留的目的，因其优越的密封性和可清洁性，故广泛应用于各种卫生行业领域。

标准设计:

有各标准的阀门系列可以向客户提供，即用于DIN标准系列，3A标准系列，SMS标准系列，ISO/IDF标准系列，BS/RJT标准系列，ASME/BPE等标准系列。该系列阀门有截止型和换向型两种阀门型式，而截止型的阀门可以制成带有两个或三个的管道接口，换向型的阀门可以制成带有三个到五个的管道接口，其多样性充分满足了市场的需要。

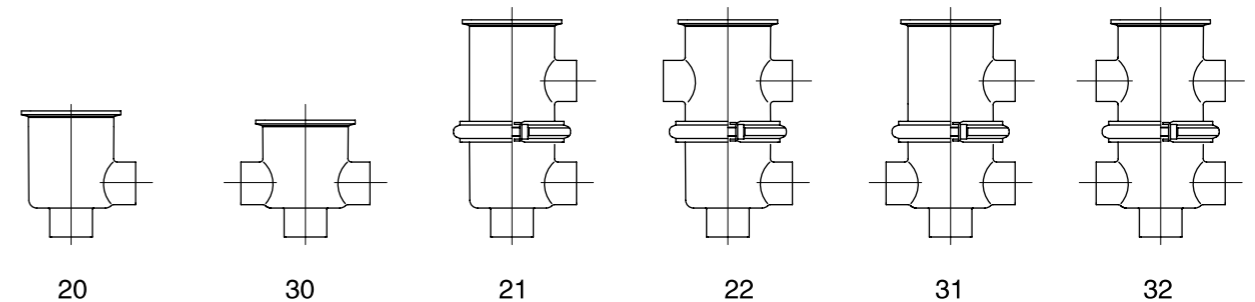
材料:

钢制部件: 不锈钢304, 不锈钢316L
密封件: 四氟垫、O型密封圈
上隔膜: NBR隔膜和标准隔膜
下隔膜: PTFE, EPDM橡胶和标准隔膜
O型环: NBR隔膜和标准隔膜
(备注: 温度超过95度时, 隔膜要选择用PTFE, O型环选择用EPDM)

工作原理:

气动截止/换向阀系列是将压缩空气所产生的能量转换为机械能，该机械能会驱动阀杆轴向运动，从而移动密封部件所处位置的不同会对管道口的开关形成控制，最终达到介质换向或停留的目的。手动截止换向阀系列通过人为对手柄的操控，最终也是为了达到介质换向或停留的目的。

阀体组合
VALVE BODY COMBINATION



Applications

The series of valve are major let the medium reach the purpose of reversing or end stop, because the good sealability and cleanability, they are extensively use to different sanitary industry areas.

Standard Design:

Various standards of valves can be provided to clients: DIN, 3A, SMS, ISO/IDF, BS/RJT, ASME/BPE etc. The series of valve have two types valve, that is the cut-off type and reversing type, the cut-off type can made of two or three pipeline connector, the reversing valve can made of three to five pipeline connector, their variety fully satisfied the needed of market.

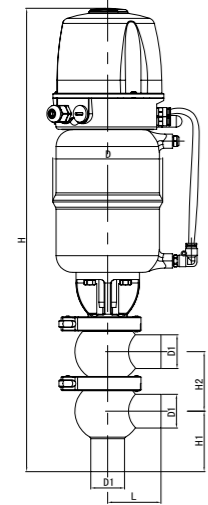
Material:

Steel parts: stainless steel 304, stainless steel 316L.
Seal: PTFE, O type seal ring
Up diaphragm: NBR diaphragm and standard diaphragm
Down diaphragm: PTFE, EPDM and standard diaphragm
O type ring: NBR diaphragm and standard diaphragm.
(Remark: when the temperature beyond 95 degree, the diaphragm need choose PTFE, O type ring choose EPDM.)

Working Principle:

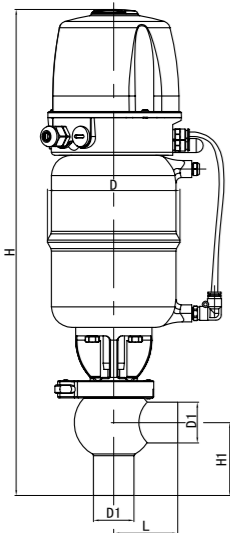
The series of pneumatic cut-off reversing valve change the energy which process by compressed air to the mechanical energy, the mechanical energy can drive the valve rod axial moving, thus move the different location of Seal elements, which can control the switch for inlet of pipeline, finally realise the purpose of medium reversing or stop. The manual cut-off reversing valve series control by handle, also reach the purpose of medium reversing or stop at the end.





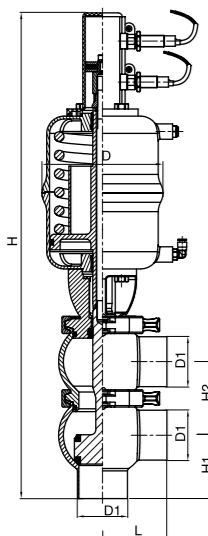
DIN/INCH-No. FDV1001

SIZE		H	H1	H2	D	L
1"	DN25	500	58	67	85	61
1 1/4"	DN32	500	58	67	85	61
1 1/2"	DN40	500	58	67	85	59
2"	DN50	540	66	76	126	66
2 1/2"	DN65	568	77	88	126	77
3"		700	97	106	126	107
3 1/2"	DN80	700	97	106	133	107
4"	DN100	758	106	146	170	114



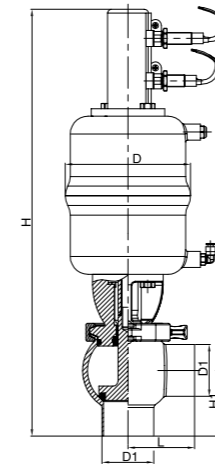
DIN/INCH-No. FDV1002

SIZE		H	H1	D	L
1"	DN25	433	58	85	61
1 1/4"	DN32	433	58	85	61
1 1/2"	DN40	433	58	85	59
2"	DN50	464	66	126	66
2 1/2"	DN65	480	77	126	77
3"		595	97	126	107
3 1/2"	DN80	595	97	133	107
4"	DN100	612	106	170	114



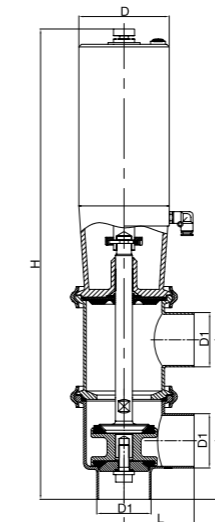
DIN/INCH-No. FDV1003

SIZE		H	H1	H2	D	L
1"	DN25	425	58	67	85	61
1 1/4"	DN32	425	58	67	85	61
1 1/2"	DN40	425	58	67	85	59
2"	DN50	460	66	76	126	66
2 1/2"	DN65	485	77	88	126	77
3"		580	97	106	126	107
3 1/2"	DN80	620	97	106	133	107
4"	DN100	670	106	146	170	114



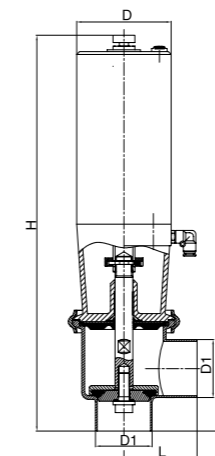
DIN/INCH-No. FDV1004

SIZE		H	H1	D	L
1"	DN25	360	58	85	61
1 1/4"	DN32	360	58	85	61
1 1/2"	DN40	360	58	85	59
2"	DN50	400	66	126	66
2 1/2"	DN65	410	77	126	77
3"		525	97	126	107
3 1/2"	DN80	525	97	133	107
4"	DN100	550	106	170	114



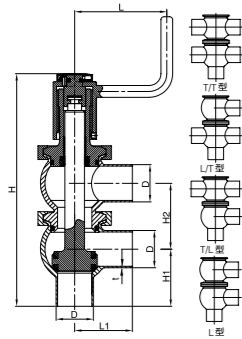
DIN/INCH-No. FDV1005

SIZE		H	H1	H2	D	L
DN25	1"	450	51.5	100	85	68.5
DN32	1 1/4"	450	51.5	100	85	68.5
DN40	1 1/2"	450	51.5	100	85	68.5
DN50	2"	450	51.5	100	85	68.5
DN65	2 1/2"	485	74	112	85	92
	3"	595	84	116	129	111.5
DN80	3 1/2"	660	102.5	131	129	107.5



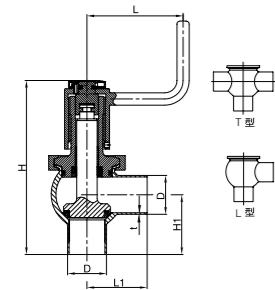
DIN/INCH-No. FDV1006

SIZE		H	H1	D	L
DN25	1"	360	51.5	85	68.5
DN32	1 1/4"	360	51.5	85	68.5
DN40	1 1/2"	360	51.5	85	68.5
DN50	2"	360	51.5	85	68.5
DN65	2 1/2"	380	74	85	92
	3"	490	84	126	111.5
DN80	3 1/2"	540	102.5	133	107.5



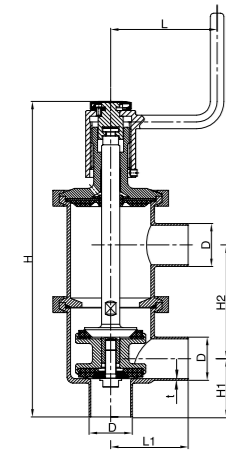
DIN/INCH-No. FDV1007

SIZE	H	H1	H2	D	L	L1
DN25	1"	240	58	67	25.4	94
DN32	1 1/4"	240	58	67	31.8	94
DN40	1 1/2"	240	58	67	38.1	94
DN50	2"	266	66	76	50.8	94
DN65	2 1/2"	300	77	88	63.5	94
	3"	347	97	106	76.2	94
DN80	3 1/2"	347	97	106	89	94
DN100	4"	400	106	146	101.6	100



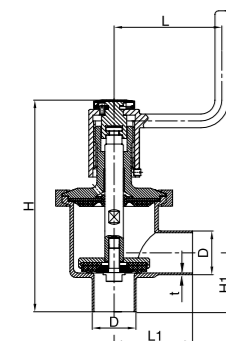
DIN/INCH-No. FDV1008

SIZE	H	H1	D	L	L1
DN25	1"	173	58	25.4	94
DN32	1 1/4"	173	58	31.8	94
DN40	1 1/2"	173	58	38.1	94
DN50	2"	190	66	50.8	94
DN65	2 1/2"	212	77	63.5	94
	3"	240	97	76.2	94
DN80	3 1/2"	240	97	89	94
DN100	4"	254	106	101.6	100



DIN/INCH-No. FDV1009

SIZE	H	H1	H2	D	L	L1
1"	270	51.5	100	25.4	94	68.5
1 1/4"	270	51.5	100	31.8	94	68.5
1 1/2"	270	51.5	100	38.1	94	68.5
2"	270	51.5	100	50.8	94	68.5
2 1/2"	314	74	112	63.5	94	92
3"	355	84	116	76.2	94	111.5
3 1/2"	395	102.5	131	89	94	107.5



DIN/INCH-No. FDV1010

SIZE	H	H1	D	L	L1
1"	180	51.5	25.4	94	68.5
1 1/4"	180	51.5	31.8	94	68.5
1 1/2"	180	51.5	38.1	94	68.5
2"	180	51.5	50.8	94	68.5
2 1/2"	210	74	63.5	94	92
3"	250	84	76.2	94	111.5
3 1/2"	275	102.5	89	94	107.5

取样阀
SAMPLE VALVE

应用
Applications

主要用于罐设备或管道里面的物料样品采集，也可安装在罐设备或管道的最低点用来排泄残留液。

It s mainly applied to extract sample from tank or pipeline. It also can be assembled at the bottom of the tank or pipeline to drain away the remains.

工作原理
Working Principle:

取样阀:

手轮顺时针旋转阀杆连同密封圈抬起，此时阀门被开启取样，手轮逆时针旋转阀杆连同密封圈下降此时阀门被关闭

酸奶取样阀:

阀座开到罐内部或其他的设备内部，由此避免了因为管道过压造成阀门意外开启或泄漏等情况。

该阀门为常闭型(通过弹簧关闭)，用手一按手柄阀门开启，松开手柄阀门将自行关闭。完全排水(液体)设计，防止了物料滞留阀门内部。

Sample valve:

When Turn the hand wheel clockwise, the valve shaft and seal rise up. At this time, valve is open for sampling. When turn the hand wheel anti-clockwise, the valve shaft and seal go down, at that time, the valve is closed.

Yogurt sampling valve:

The valve seat opens inside so that it can avoid opening by accident due to much pressure in the pipes.

The valve is normally closed (through close of spring).the valve is open as soon as pushing the handle with hand and closed when loosing up.

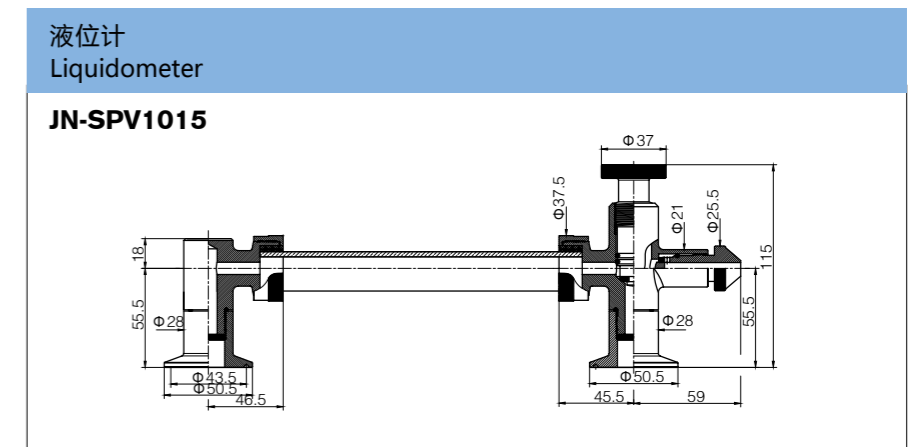
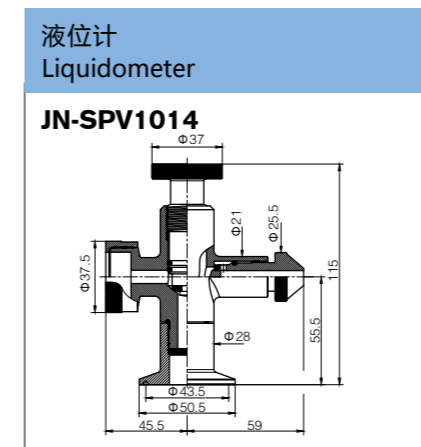
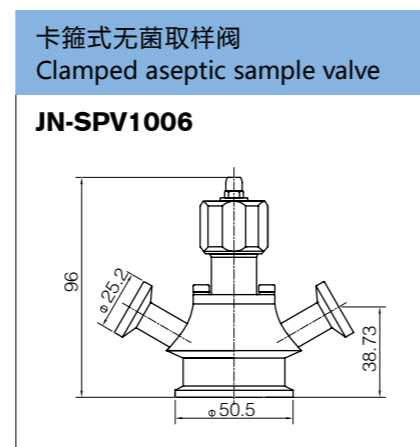
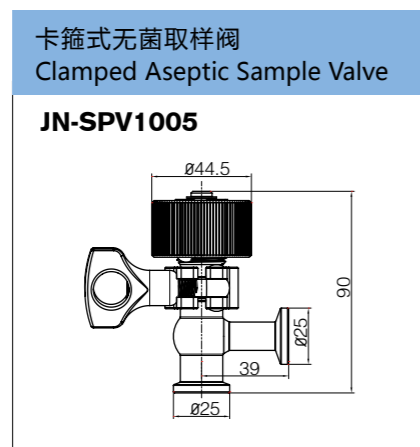
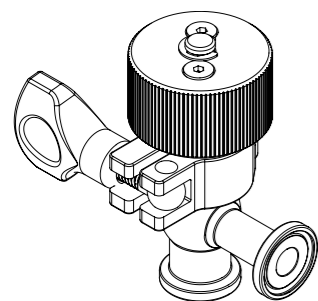
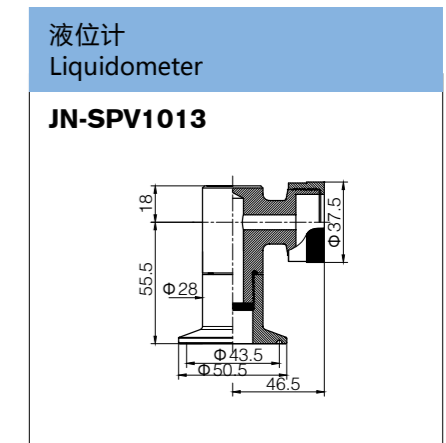
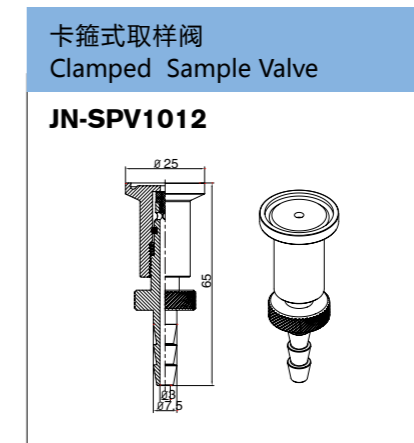
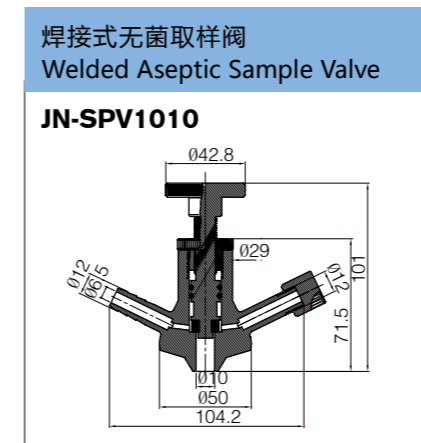
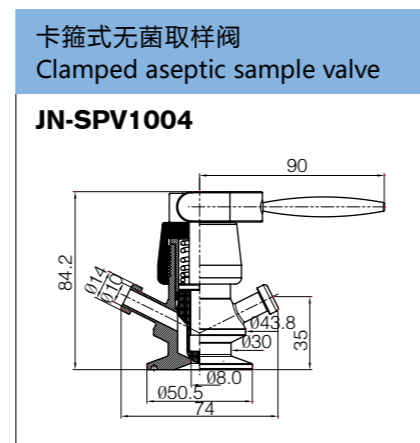
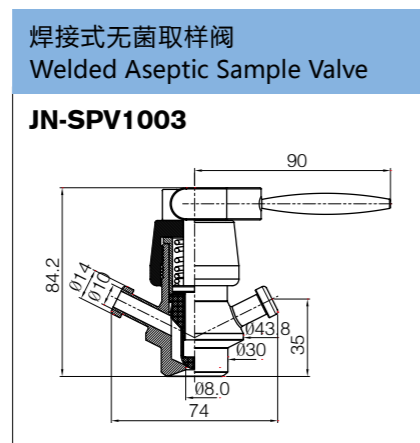
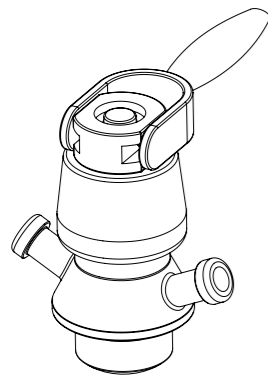
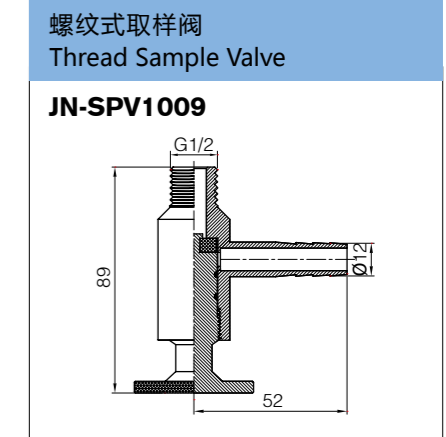
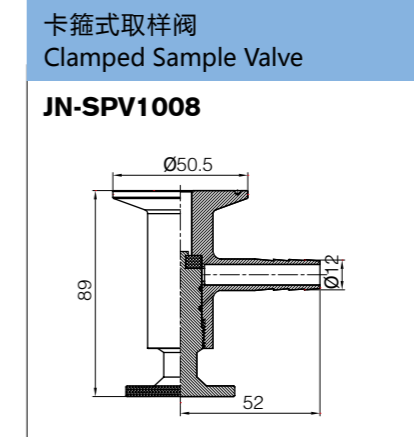
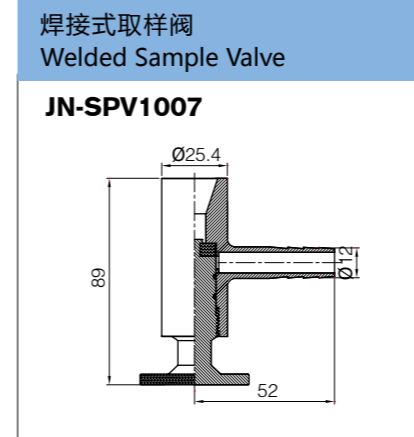
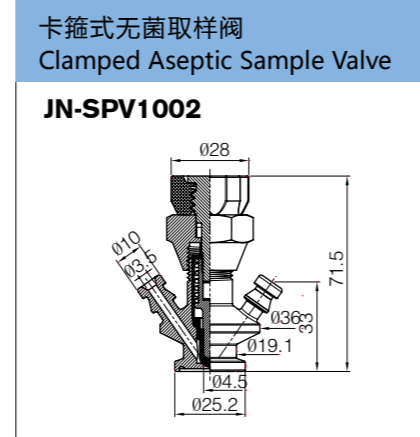
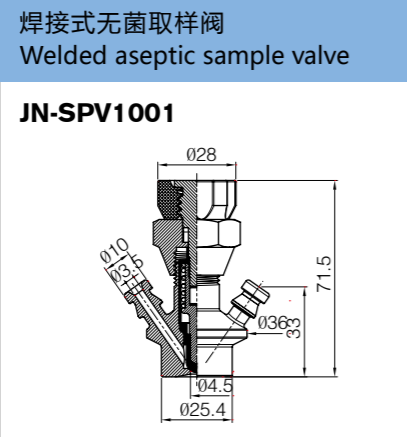
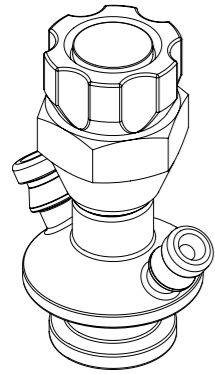
The design of completely drainage water is to avoid remains inside the valves.

技术参数:
Technical Specification:

接口方式: 螺纹, 卡箍, 焊接
最大压力: 10bar 145psi
最小压力: 真空
适用温度: -10℃ 50° F至
120℃ /248℃
阀体材质: AISI 304 AISI 316L
密封材质: PTFE

Connections: thread, clamp, weld
Max. pressure: 10bar 145psi
Min. pressure: vacuum
Temperature: -10℃ 50° F
至120℃ / 248℃
Body material: AISI304 AISI316 L
Seal material: PTFE





应用
Applications

气动控制压力及流量。
Pneumatic control pressure and flow.

工作原理:
Working Principle:

CPM-2恒压调节阀由控制压缩空气的压力大小来控制调节阀芯的位置,从而达到所需的压力及流量

CPM-2 constant pressure regulating valve controlled by the compressed air pressure regulating valve to control the size of the position, so as to achieve the required pressure and flow

标准设计
Standard Design

恒压阀阀体12个厚钢板锻压设计工艺、阀芯及所有零部件采用AISI3016L或304制造,阀体内外喷砂抛光,膜片采用优质橡胶制成,最高温可达到140°C

Constant pressure valve body 12 mm thick steel forging design process, the spool and all parts manufactured by AISI316L or 304, sandblasting polishing inside and outside the body, the diaphragm is made of high quality rubber, the maximum temperature can reach 140 ° C

技术参数:
Technical Specification:

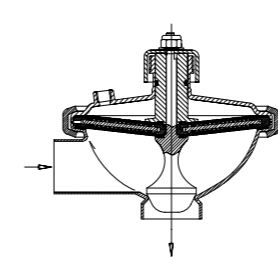
最大生产压力: 1000KPa(10bar)
最小生产压力: 0KPa(0bar)=大气
温度范围: -10°Cto至+95°C
温度范围(上隔膜PTFE/EPDM): -10°Cto至+140°C(按要求更高)。
空气压力: 0 to 600kpa (0 to 6bar)
流量范围Kv, 全开(p=1bar): 大约23m³/h.
流量范围Kv, 低能力(p=6bar): 大约2m³/h.
可选择的尺寸: 调节区域大约152m³/h. (CIP区域)

Largest producer of pressure: 1000KPa (10bar)
Minimum production pressure: 0KPa (0bar) = atmospheric
Temperature range: -10 ° C to +95 ° C to
Temperature range (on the diaphragm PTFE / EPDM): -10 ° C to +140 ° C (higher on request).
Air pressure: 0 to 600kpa (0 to 6bar)
Flow range Kv, fully open (p = 1bar): about 23m³ / h.
Flow range Kv, low capacity (p = 6bar): about 2m³ / h.
Optional sizes): regulation of regional about 152m³ / h. (CIP area)

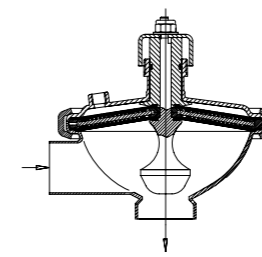


工况图
Condition

HY2-1

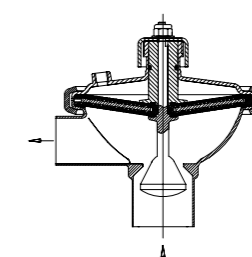


产品压力降低时
Reduced product pressure

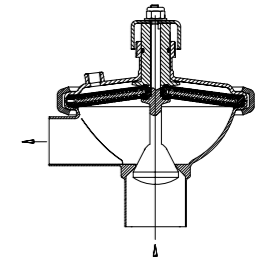


产品压力升高时
Increased product pressure

HY2-2



产品压力降低时
Reduced product pressure

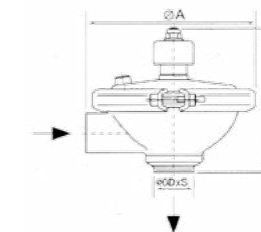


产品压力升高时
Increased product pressure

JN-CPM1001

CPMI-2

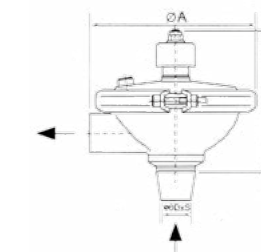
Size	A	B	OD*S
Ø25	210	180	25.4*1.5
Ø38	210	180	38.1*1.5
Ø51	210	180	50.8*1.5
Ø63	210	200	63.5*2



JN-CPM1002

CPMO-2

Size	A	B	OD*S
Ø25	210	180	25.4*1.5
Ø38	210	180	38.1*1.5
Ø51	210	180	50.8*1.5
Ø63	210	200	63.5*2



一般操作条件下, 该阀门保持关闭。
通过调节带有压力螺母的弹簧, 该阀门被校准到一个特定的力。
当管路中的压力超过特定的压力时, 阀门打开, 让流体通过, 以此减少管道系统中的压力。
该阀门可以带手柄, 从而实现阀门部分开启。当手柄在现场清洗过程中保持开启状态时, 清洗产品可以流经阀门。

**选项
Options**

连接: 卡箍, 法兰, 螺纹, 焊接 DIN SMS RJT IDF 3A
垫圈材质: EPDM NBR
压力操作范围 (改变弹簧)
装配上手柄可以部分开启阀门, 现场清洗时 (与泵通道一起用) 可以让流体通过。

**技术规范
Technical specifications**

最大温度: 121°C (EPDM) /250。F
最大操作压力: 弹簧可调节 (0-3bar / 0-6bar / 0-10bar)
(0-43,5PSI/0-87PSI/0-145PSI)

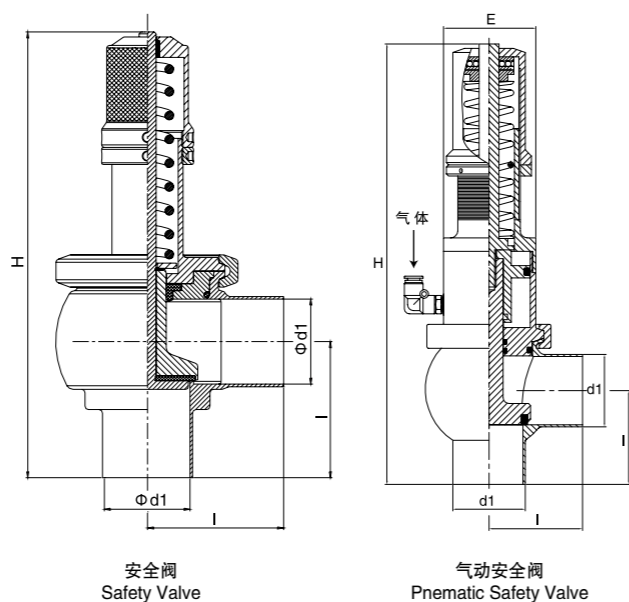
Max. temperature 121°C (EPDM) /250。F
Max. operating pressure Spring adjustable
(0-3bar/0-6bar/0-10bar)
0-43,5PSI/0-87PSI/0-145PSI)



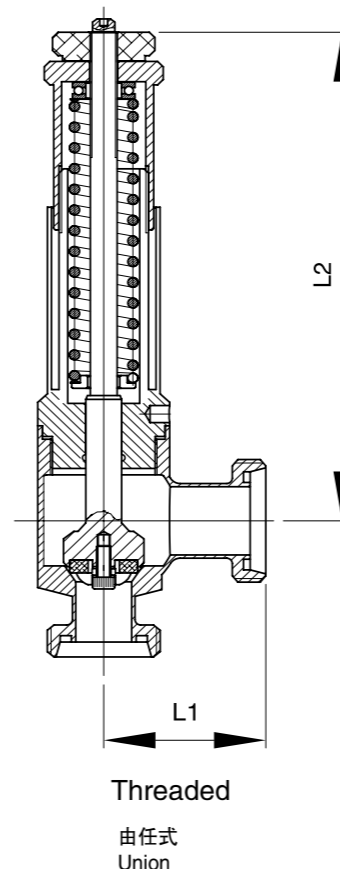
Under normal operating conditions, the valve remains closed.
The specific pressure is set by adjusting the spring with the pressure nut.
When the pressure in the pipes is above the specific pressure, the valve becomes open automatically to make the liquid pass over in order to reduce the pressure in the pipes.
The valve can be with handle in order to realize partial open.
When the handle remains open on the operation spot, the detergent can flow though the flow valves.

Connections, Clamp, flanges, Welding, Threaded.
Material of gasket: EPDM NBR FPM
Pressure Ranges (changing the spring).
The assembly with handle can open the valve partially. When CIP (with use of pump passes), the liquid can be flowed though.

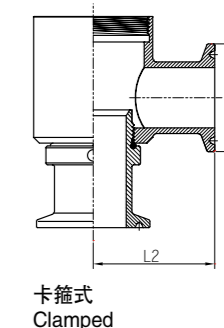
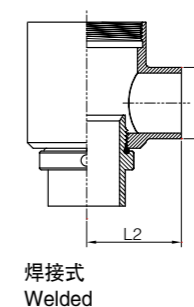
JN-SV1001					英寸 INCHES
DN	DN	手动 H Manual H	气动 H Pneumatic H	l	
25	1"	219	275	58	
40	1 1/2"	238	305	60	
50	2"	252	305	65	
65	2 1/2"	284	340	70	
80	3"	301	355	90	



**安全阀(溢流阀)
Safety Valve(Relief Valve)**



**阀体组合
Valve Body Combination**

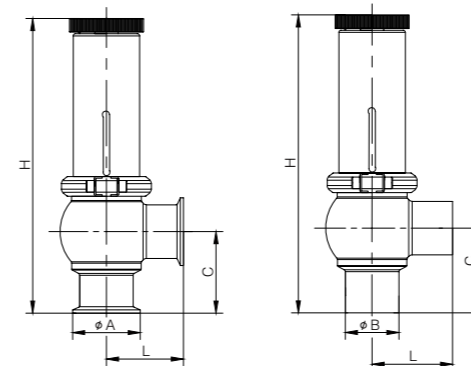


JN-SV1002

Size	L1	L2			G	K	D
		Union	Clamped	Welded			
DN25	210.0	69.0	61.7	49.0	RD52×1/6	50.5	28.0
DN32	220.0	69.0	61.7	49.0	RD58×1/6	50.5	35.0
DN40	230.0	72.5	64.5	52.5	RD65×1/6	50.5	40.0
DN50	240.0	91.5	74.2	61.5	RD78×1/6	64.0	52.0

3A/SMS/ISO-JN-SV1003

Size	Size	A	B	C	L	H
DN25	1"	50.5	25.4	59	60.5	244/280
DN32	1 1/4"	50.5	31.8	59	60.5	244/280
DN40	1 1/2"	50.5	38.1	59	60.5	244/280
DN50	2"	64.0	50.8	63.5	66.5	250/290



应用：

控制气体：中性气体，空气 控制液体：自动化工业控制流体、食品级乳工业、生活用水、普通管道流体介质等。角座阀广泛应用于短时间频繁启动，具有反应灵敏，动作准确的特点。

工作原理：

角座阀保持流速能够节省空间。它采用带弹簧安全保护的单作用气动执行机构来操作的导向角座阀。使用时，应该选择常开或常闭。

产品由不锈钢铸造和聚四氟乙烯。可用于大多数气体，液体。蒸汽和腐蚀性场合。它带有散热器来保护执行机构。确保阀具有较长寿命。

技术参数：

压力范围：0-2.5Mpa(即PN0-PN25)
介质温度：-20℃ ~+180℃ (常温型)
-20℃ ~+300℃ (高温型)
环境温度：-10℃ ~+60℃

Technical Data:

Range of pressure:0-2.5Mpa(PN0-PN25)
Medium temperature: -20℃ ~+180℃ (normal type)
-20℃ ~+300℃ (high temperature)
enviroment temperature: -10℃ ~+60℃

Application:

Control gas: neutral gas,air control liquid:automation industry control fluid,foodstuff dairy industry,domestic water,common pipeline fluid medium and so on.The angle seat valve is extensively use to frequently start in short time,with feature of response delicacy and exact action.

特点：

1. 具有阀门开或关位置显示。
2. 外部气动先导，可增加使用寿命，免维护。
3. 溢流口与滑块间有自调节密封压盖，可提高密封性能。
4. 阀体角座结构，可实现大流量（特别是与普通截止阀相比较）结构紧凑响应快。

标准设计：

单作用（气动头通常为一个孔）；工作原理：根据弹簧复位达到开启和关闭的作用，分为常开型与常闭型。

双作用（气动头通常为两个孔）；工作原理：给气控制其开关。（根据客户要求，还可以选双作用加弹簧复位，控制更精准）

气动角座阀按管道安装类别可分为：焊接式连接 快装式连接 螺纹式连接 法兰式连接

气动角座阀按执行器种类分为：塑料执行器角座阀 不锈钢执行器角座阀

材料：

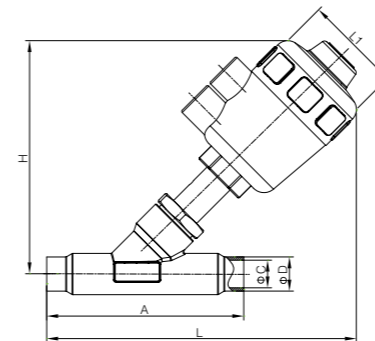
阀体材料：304/316L 不锈钢
密封材料：聚四氟乙烯
执行机构外壳：聚酰胺、不锈钢

Technical Data:

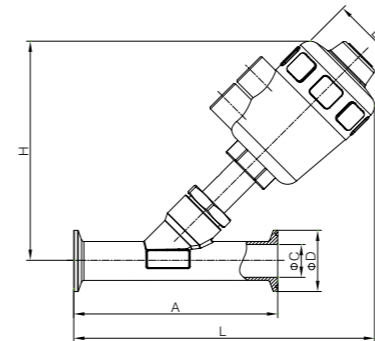
The valve body material : stainless steel 304/316L.
Seal material:PTFE
The shell of actuator: polyamide and stainless steel.



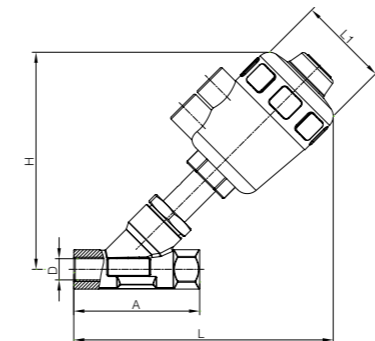
焊接式气动角座阀



快装式气动角座阀



内螺纹气动角座阀



Welded Angle Seat Valve

DIN-STV1001

焊接尺寸 (mm)	Kv 值 (m³/h)	最大工作压力 (bar)	要求最小控制压力 (bar)	流向	控制功能
18	8	0-16	2.7	阀座上方	
22	19	0-16	2.0		
28	27.5	0-16	2.0		
34	42	0-16	2.0		
40	52	0-16	2.0		
52	77	0-14	1.6		

Size	A	D	C	H	L	L1
DN15	3/4"	120	18	15	137	180
DN20		140	22	19	145	185
DN25	1"	160	28	25	173	210
DN32	1 1/4"	176	34	31	210	240
DN40	1 1/2"	190	40	37	260	250
DN50	2"	210	52	49	301	330

Clamp Angle Seat Valve

DIN-STV1002

卡箍尺寸 (mm)	Kv 值 (m³/h)	最大工作压力 (bar)	要求最小控制压力 (bar)	流向	控制功能
50.5	8	0-16	2.7	阀座上方	
50.5	19	0-16	2.0		
50.5	27.5	0-16	2.0		
50.5	42	0-16	2.0		
50.5	52	0-16	2.0		
64	77	0-14	1.6		

Size	A	C	D	H	L	L1
DN15	3/4"	120	15	50.5	137	180
DN20		140	19	50.5	145	185
DN25	1"	160	25	50.5	173	210
DN32	1 1/4"	176	31	50.5	210	240
DN40	1 1/2"	190	37	50.5	260	250
DN50	2"	210	49	64	301	330

Femaled Angle Seat Valve

DIN-STV1003

内螺纹尺寸 (英寸)	Kv 值 (m³/h)	最大工作压力 (bar)	要求最小控制压力 (bar)	流向	控制功能
G 3/8"	3.7	0-16	4.0	阀座上方	
G 1/2"	4.2		2.7		
G 3/4"	8.0		2.7		
G 1"	19.0		2.0		
G 1 1/4"	27.5		2.0		
G 1 1/2"	42		2.0		
G 2"	52		2.0		
G 2 1/2"	77		1.6		

Size	A	D	H	L	L1
DN10	65	G 3/8"	122	145	64
DN15	85	G 1/2"	137	173	64
DN20	95	G 3/4"	145	178	64
DN25	105	G 1"	173	212	80
DN32	120	G 1 1/4"	210	255	100
DN40	130	G 1 1/2"	260	301	126
DN50	150	G 2"	301	346	158
DN65	185	G 2 1/2"	315	372	158
DN80	220	G 3"	335	400	158

应用:
Application:

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

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

标准设计:
Standard design:

SCP泵由以下部分组成:标准的马达、叶轮、泵壳、卫生机械密封。它具有专为就地清洗系统(CIP)设计的内部无死角的可清洗的密封。SCP泵有一个锈钢的外罩可保护马达,还有四个可调节的不锈钢支脚。

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

轴封:
Shaft seal

SCP泵装有一个平衡型单端面机械密封或一个可冲洗的平衡型单端面机械密封。这两种机械密封的静环由AISI316L钢内嵌碳化硅或石墨构成,动环则由碳化硅制成。可冲洗机械密封的辅助密封是一个经久耐用的唇型密封。SCP10B~SCP25B型泵的机械密封为双端面机械密封。

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

材质:
Materials:

过液部分材质: AISI316L(AISI304) 不锈钢
其它部分材质: AISI304 不锈钢
外表面: 钛色
内表面: 抛光
过液密封材料: EPDM 乙丙橡胶
Product wetted steel parts:
Acidresistant steel AISI 316L(AISI304)
Other steel parts: Stainless steel AISI 304
Outside surface: Ti
Inside surface: Bright
Product wetted seals: EPDM rubber

技术参数:
Technical data:

最大入口压力: 0.5MPa
温度范围: -10℃到140℃ (EPDM)
噪声水平(1米处): 小于85dB(A)
可冲洗密封:
水压: 最高0.1MPa
水量: 0.25-0.5L/min
双端面密封:
水压: 最高0.6MPa
水量: 0.25-0.5L/min
电压和频率: 3-, 50HZ, 220-240V/380-420V/660-690V, Δ/Y
电机型号: 50HZ: 1.5, 2.2, 3, 4, 5.5, 7.5, 11, 15KW

Max. inlet pressure: 0.5Mpa
Temperature range: -10℃ to +140℃ (EPDM)
Noise level (at 1 m): < 85dB(A)
Flushed seal
Water pressure: Max. 0.1 MPa
Water consumption: 0.25-0.51/min
Double mechanical seal
Water pressure: Max. 0.6 MPa
Water consumption: 0.25-0.51/min
Voltage and frequency: 3-, 50HZ, 220-240V/380-420V/660-690V, Δ/Y
Motor sizes: 50HZ: 1.5, 2.2, 3, 4, 5.5, 7.5, 11, 15KW

应用
Applications

1. 该离心泵是不锈钢制造,带有不锈钢电机外罩。
2. 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。

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

工作原理
Operating Principles

1. 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。
2. 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。

1. 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.
2. 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.



技术规格
AI Specifications

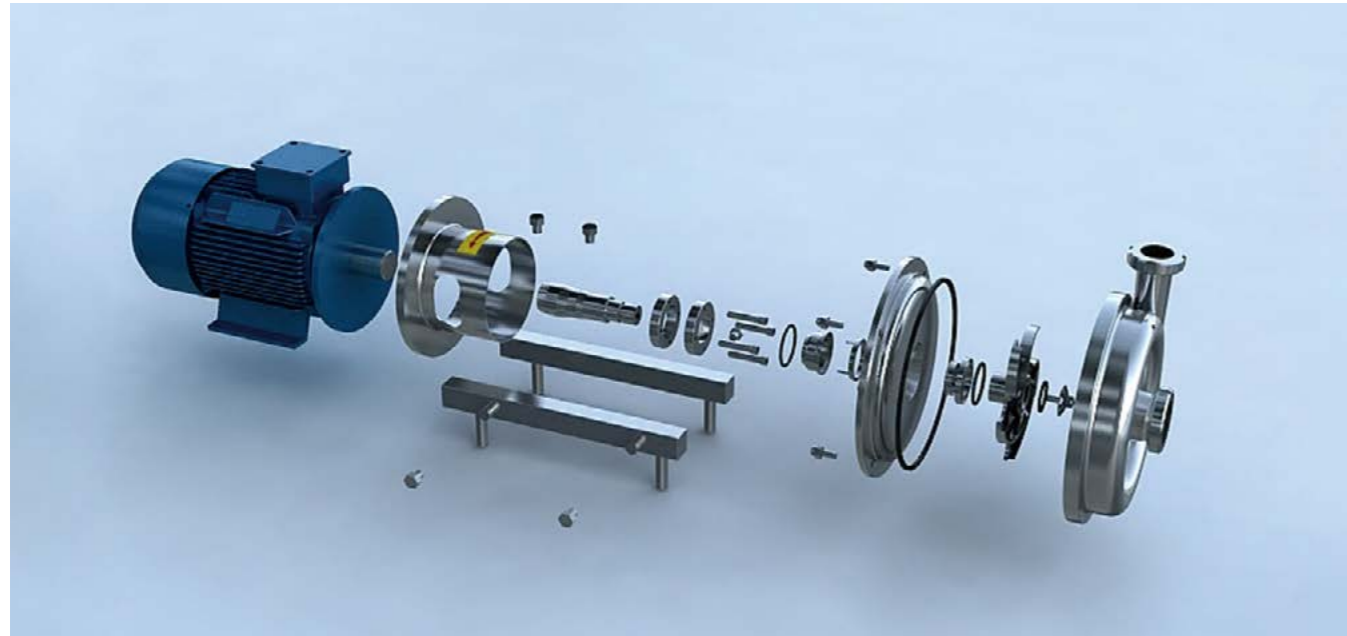
1. 最大流量: 130 m3/h
2. 最高扬程: 70 H(m)
3. 最高温度: 120℃ / 248. F
4. 最高转速: 3600 min-1
5. 卫生认证: 3A-02-10/
6. NO.1597, 密封 FDA.177.2600

1. Max. flow: 130 m3/h
2. Max. head: 70H(m)
3. Max. temperature: 120 °C / 248. F
4. Max. rev.: 3600 min-1
5. Certificate: 3A-02-10/NO.1597,
6. FDA.177.2600

设计和特点
Design and Features

1. 不锈钢电机外围由冷成型板做成;开式叶轮或闭式叶轮由不锈钢熔模铸造;
2. 可调节不锈钢脚;根据 3A 卫生标准认证;IEC 或 NEMA B35 电机, IP55, F 等级绝缘, 50HZ, 60HZ

1. Casing manufactured with cold-formed plate. Open impeller and close impeller manufactured with stainless steel investment casting.
2. Adjustable stainless steel legs. Pump designed according to 3A sanitary standards. IEC NEMA B34 motors, IP 55, F-class insulation, 50HZ, 60HZ



**选项
Options**

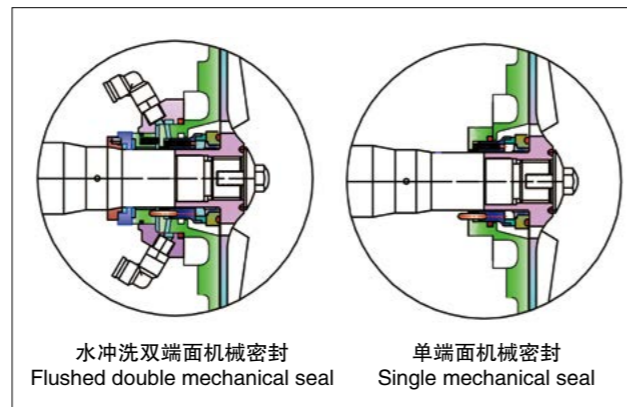
1. 机械密封圈 :C/SiC,TC/TC
2. 垫圈 :FPM(VITON) 和 NBR
3. 进出口连接 : 卡箍、螺纹、法兰, DIN,SMS,RJT,IDF
4. 电机 2900, 1450,3600Min/1,50HZ,60HZ
5. 单端面机械密封 (标准)
6. 水冲洗双端面机械密封 (选项)

- 1.Mechanical seal in : C/St.S and SiC/SiC
- 2.Gaskets in : FPM (Viton)and PTFE
- 3.Connections: Clamp,thread,flange,DIN,SMS,RJT,IDF
- 4.Motor 2900, 1450,3600 rev./min., 50HZ,60HZ
- 5.Single mechanical seal(standard)
- 6.Flushed couple mechanical seal(Options)

**材质
Materials**

1. 与物料接触部位 :AISI 316L/304
2. 垫圈 (标准) :EPDM (FDA)
3. 机械密封圈 (标准) :C/SiC/EPDM
4. 内表面处理 :Ra ≤ 0.8
5. 外表面处理 : 喷砂处理或抛光处理

- 1.Parts in contact with pumped media : AISI 316L/AISI304
- 2.Gaskets (standard) : EPDM (FDA)
- 3.Mechanical seal (standard) : C/SiC/EPDM
- 4.Inside surface finishing : Ra ≤ 0.8 um
- 5.Outside surface finishing : Sandblast or Mirror Polish

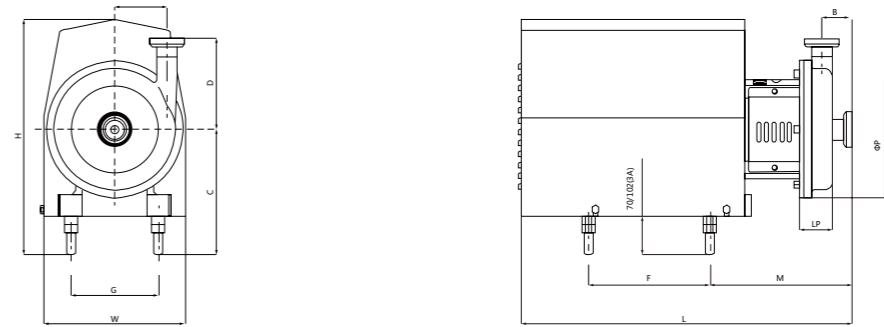


电机采用 IEC EN IE2 高效等级 (相当于中国二级能效), PTC 热敏电阻
Motor the IEC EN IE2 (Equivalent to China two energy efficiency),PTC thermistor

宽带电压 Wide input range motor

功率 (kW) Power (KW)	电压备注 Voltage	功率 (kW) Power (KW)	电压备注 Voltage
0.55	210V~230V/50HZ 360V~400V/50HZ 420V~460V/60HZ	4	360V~400V/50HZ 630V~690V/50HZ 420V~460V/60HZ
0.75		5.5	
1.1		7.5	
1.5		11	
2.2		15	
3		18.5	
		30	

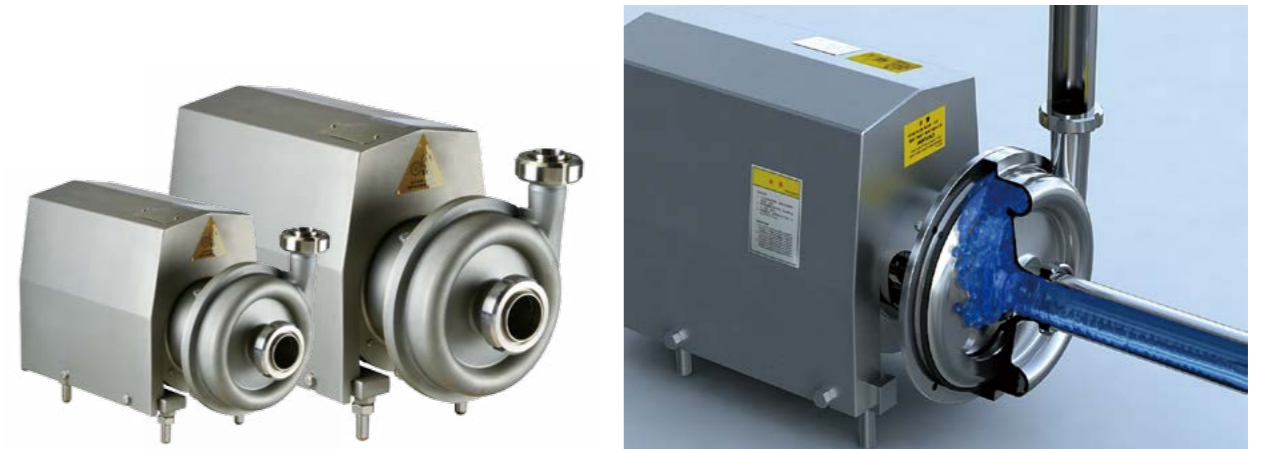
其他电压和频率电机请与格东联系
Please contact JONENG for any other voltage or frequency of motor.



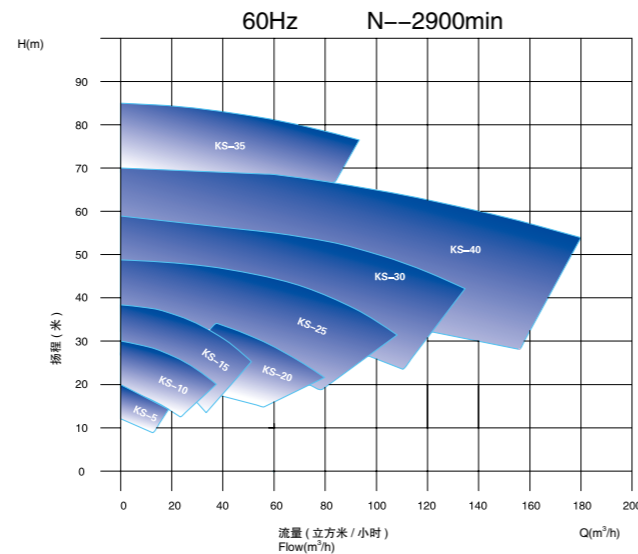
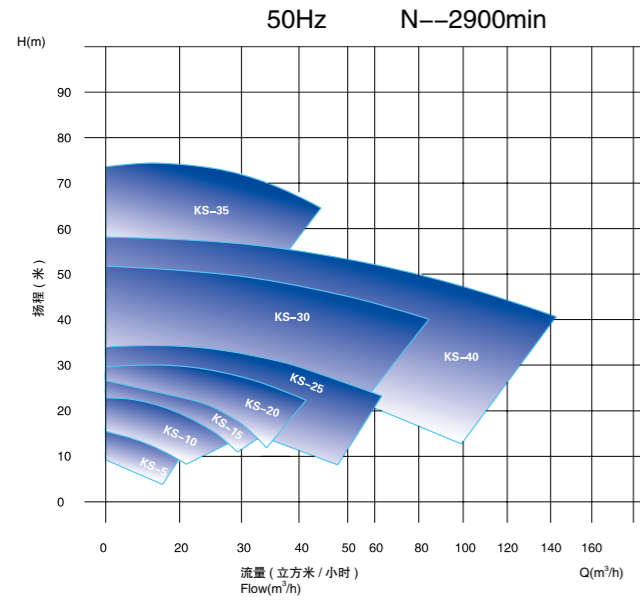
**开式离心泵安装尺寸
Centrifugal Pump Open Impeller Series**

型号 Modes	泵头规格 Pump Dimension						外形安装尺寸 Assembly Dimension										3A 标准	
	功率 Power (kw)	进口 Inlet d" /DN	出口 Outlet d" /DN	ΦP	Lp	机械密封 Mechanical seal size	A	B	C	D	M	F	G	H	L	W	C	H
KSCP-5	0.75	1.5" /32	1.5" /32	189	50	Φ32	63	56.5	200	136	169	203	125	370	452	210	232	402
	0.75	1.5" /32	1.5" /32	189	50	Φ32			200		173	203	125	370	452	210	232	402
	1.1	1.5" /32	1.5" /32	189	50	Φ32			200		175	203	125	370	452	210	232	402
KSCP-10	1.5	1.5" /40	1.5" /40	189	50	Φ32	63	56.5	190	136	161	240	140	360	492	210	222	392
	2.2	1.5" /40	1.5" /40	189	50	Φ32			190		162	240	140	360	492	210	222	392
	1.5	2" /50	1.5" /40	250	61	Φ32			190		187	240	140	360	525	210	222	392
	2.2	2" /50	1.5" /40	250	61	Φ32			190		187	240	140	360	525	210	222	392
KSCP-15	3	2" /50	1.5" /40	250	61	Φ32	95.6	44	230	155	171	300	160	430	593	260	262	462
	3	2" /50	2" /50	250	74.5	Φ32			230		171	300	160	430	592	260	262	462
	4	2" /50	2" /50	250	74.5	Φ32			242		179	300	190	430	598	260	254	462
KSCP-20	5.5	2.5" /65	2" /50	250	74.5	Φ32	90.2	45	242	155	197	330	216	460	653	310	274	462
	3	2" /50	1.5" /40	268	57	Φ32			230		173	300	216	430	500	260	262	462
KSCP-25	4	2" /50	1.5" /40	268	57	Φ32	108	60	222	158	181	300	216	430	590	260	254	462
KSCP-30	5.5	2.5" /50	2" /50	268	57	Φ32			242		196	330	254	460	651	310	274	492
	7.5	2.5" /65	2" /50	268	57	Φ32			242		199	330	254	460	651	310	274	492
KSCP-35	7.5	2.5" /65	1.5" /40	350	86.5	Φ36	131	76	242	229	216	330	254	460	721	310	274	492
	11	2.5" /65	1.5" /40	350	86.5	Φ36			290		234	450	254	575	871	375	322	607
	15	2.5" /65	2" /50	350	86.5	Φ36			290		240	450	254	575	871	375	322	607
KSCP-40	11	2.5" /65	2.5" /65	303	90	Φ36	105	83.5	290	214	235	450	254	575	866	375	322	607
	15	3" /80	2.5" /50	303	90	Φ36			290		236	450	254	575	866	375	322	607
	18.5	3" /80	2.5" /65	303	90	Φ36			290		234	450	254	575	921	375	322	607
	22	3" /80	2.5" /65	303	90	Φ36			310		234	515	279	625	946	400	342	657

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.



离心泵型号说明
Model Instruction of Centrifugal Pump



SCP系列型号
Centrifugal pump

SCP series pump and motor configuration

	型号 Model	流量 Flow	扬程 Lift	功率 Power	进口 / 出口 Inlet/Outlet	电机品牌 Motor Option
1	KSCP-1.5-14	1.5 T	14 M	0.55KW	38/32	ABB 电机 ABB Motor 西门子电机 SIEMENS Motor
2	KSCP-3-16	3 T	16 M	0.75KW	38/38	
3	KSCP-5-16	5 T	16 M	1.1KW	38/38	
4	KSCP-3-24	3 T	24 M	1.5KW	51/38	
5	KSCP-3-30	3 T	30 M	2.2KW	51/38	
6	KSCP-5-24	5 T	24 M	1.5KW	51/38	
7	KSCP-5-30	5 T	32 M	2.2KW	51/38	
8	KSCP-10-24	10 T	24 M	2.2KW	51/38	
9	KSCP-10-36	10 T	36 M	3KW	51/38	
10	KSCP-15-24	15 T	24 M	3KW	51/51	
11	KSCP-20-24	20 T	24 M	4KW	51/51	
12	KSCP-20-36	20 T	36 M	5.5KW	51/51	
13	KSCP-25-35	25 T	35 M	5.5KW	51/51	
14	KSCP-30-24	30 T	24 M	5.5KW	63/51	
15	KSCP-30-36	30 T	36 M	7.5KW	63/51	
16	KSCP-40-24	40 T	24 M	7.5KW	63/51	
17	KSCP-20-60	20 T	60 M	11KW	63/51	
18	KSCP-30-50	30 T	50 M	11KW	63/63	
19	KSCP-40-35	40 T	35 M	11KW	63/63	
20	KSCP-40-50	40 T	50 M	15KW	76/63	
21	KSCP-60-30	60 T	30 M	15KW	76/63	
22	KSCP-30-60	30 T	60 M	15KW	76/51	
23	KSCP-50-50	50T	50M	18.5KM	76/63	
24	KSCP-80-50	80T	50M	22KM	89/76	

离心泵
Centrifugal Pump

1. 该泵闭式叶轮设计，适用于食品加工、酿酒、饮料等工业领域。
2. 该泵为顺时针旋转，即使简单的反转也是禁止的。从电机后面也可以判断旋转方向。
3. 该泵通过 3A-02-10 认证，密封通过 FDA.177.2600 认证。
4. 电机采用 IEC EN IE2 高效等级（相当于中国二级能效），PTC 热敏电阻

1. BS Series centrifugal pump is designed with close impeller, widely used in dairies, beverage, food-processing industry.
2. The correct direction of rotation of this pump is clockwise, it is not .
3. The direction of rotation can be viewed from motor.
4. Motor the IEC EN IE2 (Equivalent to China two energy efficiency), PTC thermistor.



技术规格
Technical Specifications

1. 最大流量：130m³/h
 2. 最高扬程：100H(M)
 3. 最高转速：3600Min-1
 4. 最高温度：120°C /248 °F (CIP/SIP)
 5. 与物料接触材质：SS304/316
 6. 其他部位材质：SS304
 7. 机械密封：SIC/SIC/EPDM (标准)
 8. 表面处理：抛光 / 亚光
 9. 进出口：卡箍连接 (标准)
1. Max.Flow:130m³/h
 2. Max.Head:100H(M)
 3. Max.rev:3600Min-1
 4. Max.working temperature:120°C /248 °F (CIP/SIP)
 5. Material in contacting with products:SS304/316
 6. Other parts:SS304
 7. Mechanical seal:SIC/SIC/EPDM(standard)
 8. Surface finish:Mirror or satin polish
 9. Inlet & Outlet: Connection Clamp (Standard)

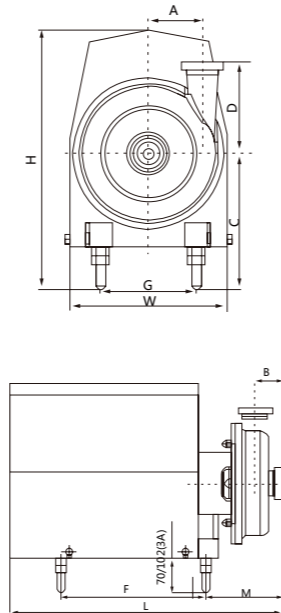
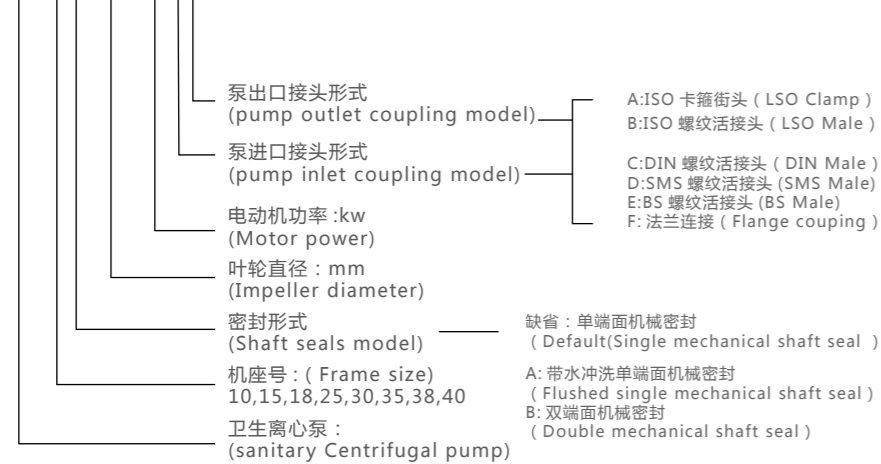
宽带电压 Wide input range motor

功率 (kW) Power (KW)	电压备注 Voltage	功率 (kW) Power(KW)	电压备注 Voltage
0.55	210V~230V/50HZ	4	360V~400V/50HZ
0.75		5.5	
1.1		7.5	
1.5	360V~400V/50HZ	11	630V~690V/50HZ
2.2		15	
3	420V~460V/60HZ	18.5	420V~460V/60HZ
		30	

其他电压和频率电机请与格东联系
Please contact JONENG for any other voltage or frequency of motor.

卫生离心泵型号说明
Sanitary type Pump Model explanation

示例：(Example)
SCP 25A-170-7.5AB



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 nest page, The size in the following form is the reference value, the actual size is according to practicality.

型号 Model	泵头规格 Pump Dimension						外形安装尺寸 Assembly Dimension											3A 标准	
	功率 Power (KW)	进口 Inlet d"/DN	出口 Outlet d"/DN	φp	Lp	机械密封 Mechanical seal size	A	B	C	D	M	F	G	H	L	W	C	M	
BSCP-2	0.75	1.5"/32	1.5"/32	174	68	22	56	51	200	136	162	203	125	370	449	210	212	402	
	1.1	1.5"/32	1.5"/32	174	68	22	56	51	200	136	162	203	125	370	449	210	212	402	
BSCP-4	1.5	1.5"/32	1.5"/40	215	75	22	76	59	190	151	174	240	140	360	514	210	222	392	
	2.2	2"/50	1.5"/40	215	72	22	76	59	190	142	174	300	140	360	514	210	222	392	
BSCP-6	2.2	2"/50	1.5"/40	234	83	22	86	70	190	173	188	300	160	420	528	260	242	452	
	3	2"/50	1.5"/40	234	83	22	86	70	230	173	180	300	160	420	579	260	242	452	
BSCP-8	3	2"/50	2"/50	243	85	22	86	70	230	173	180	300	190	430	579	260	244	462	
BSCP-10	4	2"/50	2"/50	243	85	22	86	70	222	173	187	300	190	430	606	260	244	462	
BSCP-12	5.5	2"/50	2"/50	243	85	22	86	70	242	167	216	330	216	460	680	310	274	492	
	7.5	2.2"/65	2"/50	243	85	22	86	70	242	167	216	330	216	460	680	310	274	492	

选项
Options

1. 泵头低排放：隔膜阀 / 球阀 / 蝶阀
2. 机械密封：C/SIC/EPDM
3. 进出口：螺纹 / 焊接 / 法兰

- 1.Low discharge in the pump head:Diaphragm valve/ball valve/butterfly valve
- 2.Mechanical seal:C/SIC/EPDM
- 3.Connection way of Inlet&Outlet:Thread,Weld,Flange

应用
Applications

1. 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。
2. 它专门设计于用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。
3. 它可用于酒，油，糖浆，挥发物，如酒精，丙酮和其他溶剂，或是温度临近沸点的其他物料。但是，该泵的主要用途是用于 CIP 的回收。

- 1.The pump is a sanitary side channel self priming pump, it' s suitable for food processing, pharmacy and chemical industry.
- 2.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.
- 3.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.



技术规格
Technical specifications

1. 最大流量：30m3/h / 132 GPM
2. 最高扬程：40 H(M)
3. 最大压力：3Bar/ 43 PSI
4. 最高温度：120°C / 248。 F
5. 最高转速：1750 min
6. 最大吸程：8m / 22 ft

- 1.Max.flow:30m3/h / 132 GPM
- 2.Max.head:40 H(M)
- 3.Max.pressure:3Bar/ 43 PSI
- 4.Max.operating temp.:120°C / 248。 F
- 5.Max. rev.:1750 min
- 6.Max.suction height:8m / 22 ft

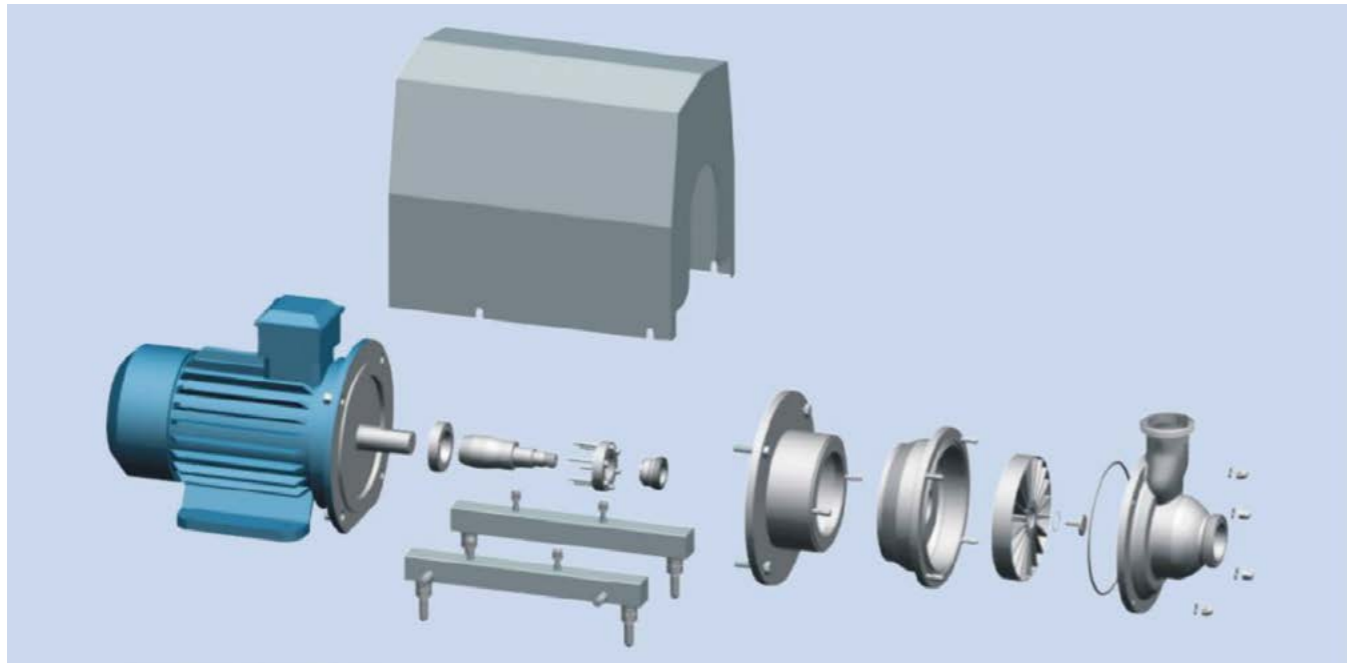
选项
Options

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

电机参数：安装型号 B35, 频率 50HZ/60HZ。
Motor type: B35, Motor frequency 50HZ/60HZ.

电机功率 (KW) 见表格：
Motor power(KW) refer to table below:

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



工作原理
Operating Principles

1. 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。
2. 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。

- 1.The impeller is housed between the inlet body and the venturi casing and it rotates in conjunction with the pump shaft.
- 2.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.

设计和特点
Design and Features

1. 电机外罩由冷成型板做成
2. 不锈钢熔模铸造进口泵体和叶轮
3. 机械密封圈可以阻止弹簧和被抽吸流体之间的接触
4. 不锈钢机架

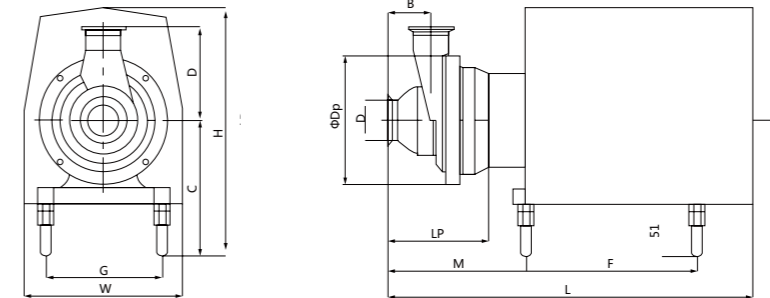
材质
Materials

1. 与物料接触部位：AISI -316/304
2. 其他部分：AISI-304
3. 垫圈（标准）：EPDM (FDA)
4. 机械密封圈（标准）：C/SiC/EPDM
5. 内表面处理：抛光处理
6. 外表面处理：喷砂处理

1. Parts in contact with pumped media:AISI -316/304
- 2.Other parts:AISI-304
- 3.Gaskets (standard):EPDM (FDA)
- 4.Mechanical seal (standard):C/SiC/EPDM
- 5.Internal surface finish:Polished
- 6.External surface finish:Sandblast

- 1.Casing manufactured with cold-formed plate.
- 2.Stainless steel investment casting inlet body and impeller.
- 3.Mechanical seal prevents contacting between the springs and the pumped fluid
- 4.Stainless steel support

安装尺寸图
Assembly Dimension



系列 CIP	泵头尺寸 Pump Specification							外形安装尺寸 Assembly Dimension									3A 标准	
	功率 Power (kw)	进口 Inlet d" /DN	出口 Outlet d" /DN	ΦDp	Lp	mechanic sealsize	B	C	D	M	F	G	H	L	W	C	H	
CIP-B07	2.2	2" /50	2" /50	192	160	Φ32	71	230	142	233	300	160	430	652	260	262	462	
CIP-B010	3	2" /50	2" /50	192	160	Φ32	71	230	142	233	300	160	430	652	260	262	462	
CIP-B20	4	2.5" /65	2" /50	248	200	Φ32	83.5	210	185	254	300	190	422	642	260	242	454	
CIP-B25	5.5	2.5" /65	2.5" /65	248	200	Φ32	83.5	242	185	282	330	216	460	772	310	274	492	
CIP-B30	7.5	3" /80	2.5" /65	248	200	Φ32	83.5	242	185	282	330	216	460	772	310	274	492	

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 subjected to actual object.



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-24-3Kw-380V-50HZ-M-2"/2"-S
Sample:CIP-B10-10T-24-3Kw-380V-50HZ-M-2"/2"-S

自吸泵选型表
Pump Selection Table

型号 Model	流量 (吨) FLOW rate(m3/h)	吸程 Absorption Process(M)	扬程 Discharge head(M)	功率 Power (kw)	进 / 出口 Inlet & Outlet
CIP-B07	7	6	24	2.2kw	2" /2"
CIP-B10	10	6	24	3kw	2" /2"
CIP-B20	20	6	24	4kw	2.5" /2.5"
CIP-B25	25	8	24	5.5kw	3" /2.5"
CIP-B30	30	8	24	7.5kw	3" /2.5"

技术参数
Technical Parameter

- 应用 : 属于涡轮导流离心负压泵, 可以在负压 0.09Mpa 压力下, 抽取真空罐里的液体。
- 规格 : 3T - 180T, 0.75KW-75KW
- 材质 : SUS304 SUS316L (在材料的选用上泵体、泵盖、叶轮等凡与物料接触之零件由 SUS316L 或 SUSI304 不锈钢制造)
- 标准 : DIN、SMS
- 叶轮 : 分开式叶轮和半闭式叶轮。
- 表面处理 : 接液部分抛光, 其余亚光或喷砂处理。
- 工作条件 : 卫生离心泵属高低液位几水平输送, 有一定吸力。
- 最大进口压力 : 0.5MPa
- 温度范围 : -10°C至 +140°C (EPDM)
- 可冲洗机械密封 : 水压 : 最高 0.1MPa 水量 : 0.25-0.5L/min

- Application: Belong to a turbine the diversion centrifugal pump can extract the liquid of the vacuum tank under the pressure of negative pressure 0.09Mpa.
- Spec: 3T-180T, 0.75KW-75KW
- Material: SUS304, SUS316L (the pump body,pump cover,impellerwhich is contact with medium material ,made of stainless steel SUS316L and SUSI304
- Standard: DIN, SMS
- Impeller: Open type impeller ,semi-close type impeller
- Surface treatment: The parts contacted with medium is polished
- Working condition: sanitary centrifugal pumps is a high and low level transmission ,as well as the level transmission ,and has a amount of suction.
- The max pressure of inlet: 0.5MPa
- Temperature range:-10° C to +140° C(EPDM)
- Washable mechanical sealing:water pressure: Max 0.1MPa flow rate: 0.25-0.5L/min

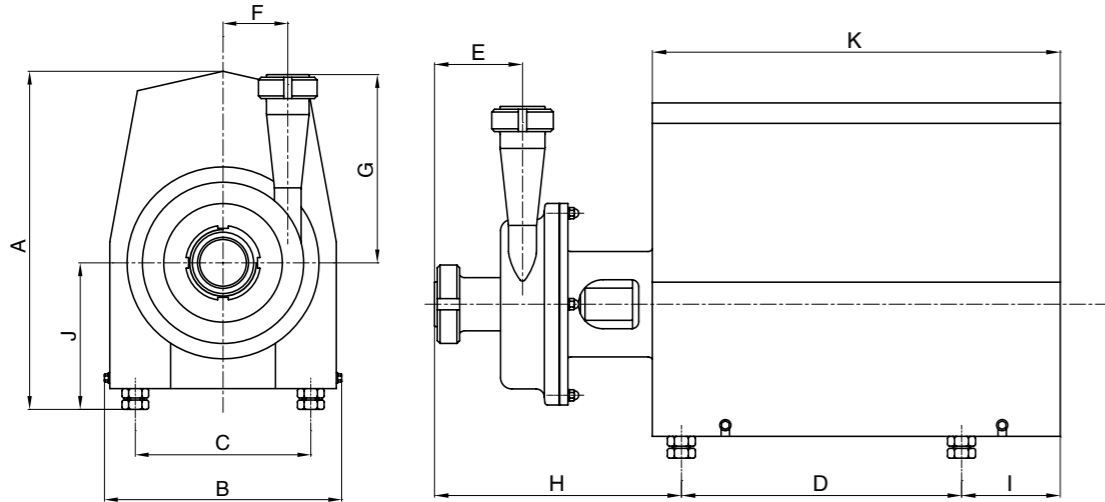


电机
Motor

- 根据配置主要采用 "ABB" 品牌的三相交流电机, 按照国际电工委员会 IEC60034.IEC60072 标准设计制作, 符合欧共体 "CE" 标记要求。
- 可供选用防爆电机, 以满足不同场合的需要。
- 优越的电气性能、低噪音、低震动, 电机的标准设计防护等级为 IP55, 绝缘等级为 F 级。
- 工作电压 :
≤ 3Kw , 220-240V/380-420V , Δ / Y
> 3Kw , 380-420V/660-690V , Δ / Y
- 频率 : 50Hz/60Hz
- 工作方式 : 连续 (SI)
- 转速 : 标准泵的转速为 2900r/min

- Configuration of "ABB" brand three-phase AC motor is in accordance with the International Electrotechnical Commission IEC60034.IEC60072 standard design comply with European "CE" marking requirements
- The explosion-proof motor also available ,that can meet with the requirement of different applications.
- It with excellent electric performance ,and with low noise,low vibration,the protection grade is IP55,insulation grade is F.
- Operate involtage:
≤ 3Kw , 220-240V/380-420V , Δ / Y
> 3Kw , 380-420V/660-690V , Δ / Y
- frequency: 50Hz/60Hz
- working method: continuous (SI)
- rotate speed:the standard rotate speed is 2900r/min

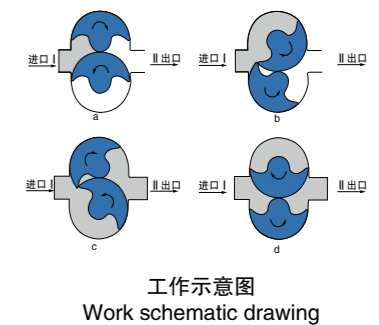
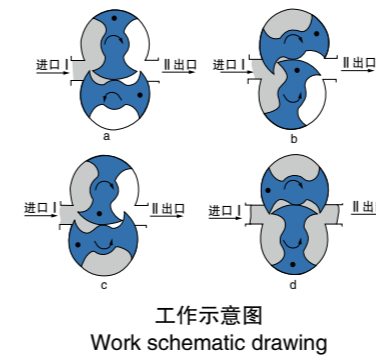
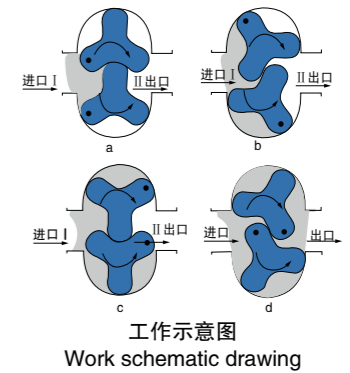
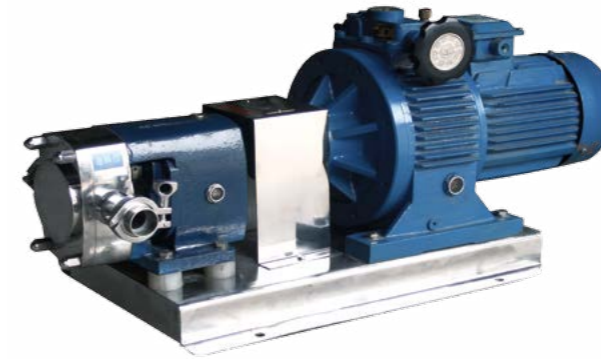
卫生级负压泵型号说明
Sanitary Vacuum Pump Model Description



技术参数说明 Technical data										
尺寸 (mm)	功率 (kw)									
	0.75	1.1	1.5	2.2	3.0	4.0	5.5	7.5	11	15
A	325	325	325	325	380	380	430	430	570	570
B	225	225	225	225	275	275	325	325	390	390
C	125	125	140	140	160	190	210	210	356	356
D	205	205	205	205	240	240	282	282	385	385
E	109	109	109	109	114	114	114	114	121	121
F	67	67	67	67	76	76	76	76	104	104
G	162	162	162	162	178.5	178.5	178.5	178.5	204.5	207.5
H	273	273	273	273	300	300	297	297	390	390
I	85	85	85	85	115	115	155	155	145	145
J	155	155	155	155	170	170	185	185	245	245
K	320	320	320	320	385	385	455	455	555	555

选型表 Selection table									
型号	3T/16M	3T/30M	5T/24M	5T/30M	10T/24M	10T/36M	10T/50M	15T/24M	
功率 (kw)	0.75	2.2	1.5	3.0	2.2	3.0	5.5	3.0	
进 / 出口 (mm)	38/32	38/38	38/38	38/38	51/38	51/51	51/51	51/51	

型号	20T/24M	20T/36M	30T/24M	30T/36M	40T/24M	50T/40M	60T/24M	60T/40M
功率 (kw)	4.0	5.5	5.5	7.5	7.5	11.0	11.0	15.0
进 / 出口 (mm)	51/51	51/51	51/51	63/51	63/51	89/63	89/63	89/89

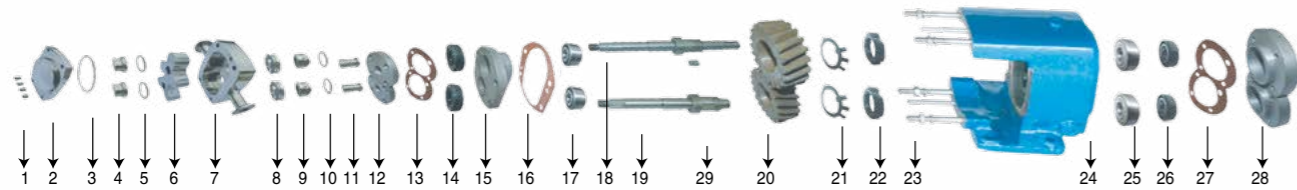


工作原理
Operation Principle

转子泵又称胶体泵,三叶泵,鞋底泵等。依靠两同步反向转动的转子(齿数为2-4)在旋转过程中于进口处产生吸力(真空度),从而吸入所要输送的物料。两转子将转子室分隔成几个小空间,并按a→b→c→d的次序运转。运转至位置a时,只有I室中充满介质;到位置b时,B室中封闭了部分介质;到位置c时,A室中也封闭了介质;到位置d时,A、B室与II室相通,介质即被输送至出口口。如此循环往复,介质(物料)即被源源不断地输送出。

Rotor pump is also named rotary lobe pump, three-lobe pump, sole pump, etc. When the 2 simultaneous reverse rotating rotors (with 2-4 gears) revolve, it produces suction force at the inlet (vacuum), which intakes the material delivered. The 2 rotors divide the rotor housing into many smaller parts and revolve in the sequence of a → b → c → d. When it revolves to position a, only housing I is filled with medium; when it revolves to position b, housing B encloses part of the medium; when it goes to position c, housing A encloses medium, and finally it goes to position d, then housing A, B and II are interlinked and the medium is transported to the outlet. As this process is repeated, medium (material) is transported continuously.

转子泵结构图
Rotor Pump Configuration



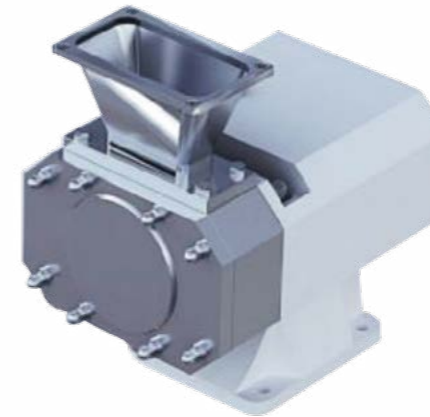
- 1. 螺帽 2. 泵盖 3. 密封圈 4. 拼帽 5. 密封圈 6. 转子 7. 泵腔 8. 机械密封 (静环) 9. 机械密封 (动环) 10. 密封圈 11. 轴套 12. 轴承盖 13. 密封圈垫 14. 橡胶油封 15. 轴承座 16. 密封圈垫 17. 轴承 18. 上主轴 19. 下主轴 20. 斜齿轮 21. 止退垫圈 22. 拼帽 23. 螺杆 24. 泵主体 25. 轴承 26. 橡胶油封 27. 密封垫圈 28. 轴承盖 29. 销子

- 1.Screw cap 2.Pump cover 3.Seal ring 4.Cap 5.Seal ring 6.Rotor 7.Pump cavity 8.Mechanical seal (stationary ring) 9.Mechanical seal(moving ring) 10.Seal ring 11.Bearing sleeve 12.Bearing cover 13.Seal gasket 14.Rubber oil seal 15.Bearing seat 16.Seal gasket 17.Bearing 18.Upper shaft 19.Lower shaft 20.Helicalgear 21.Stop washer 22.Cap 23.Screw 24.Pump body 25.Bearing 26.Rubber oil seal 27.Seal gasket 28.Bearing cover 29.Pin

应用范围
Applications

- 1. 食品工业：酸牛奶、鲜奶油、冰淇淋、乳酪块、乳清、啤酒、麦芽汁、酵母、汽水、水果冻、果汁、饮料、番茄酱、水果泥、蔬菜糊、布丁、果酱、果冻、调味剂、水果馅、甜味料、酵母、调味佐料、面包糕点、肉糜、碎肉、肉油、食用油、糖果、糖浆、稀奶油馅、巧克力等。
- 2. 日用化工：面膏洗液、发型凝胶、染发剂、香油精、牙膏、洗涤剂、洗发精、鞋油、化妆品、香精、肥皂、香脂等。
- 3. 制药工业：各型丸糊、乳化剂、糖浆、营养液、中药、膏状药剂、生物制品、鱼花粉、蜂皇浆、疫苗。
- 4. 化工工业：脂肪、溶剂、树脂、聚合物、油漆、颜料、染料、涂料、润滑油、润滑脂、石油剂、乳化沥青、胶粘剂、塑料、炸药、玻璃钢、皮革等。
- 5. 建筑工业：各种涂料。包括内外墙涂料、防腐料、陶瓷涂料、油漆涂料、陶瓷釉料等。
- 6. 其它工业：塑料工业、纺织工业、造纸工业、煤炭浮剂、纳米材料、生物化工等行业。

- 1.Food Industry: Yogurt, Fresh Butter, Ice Cream, Cheese, Whey, Beer, Wort, Yeast, Soft Drink, Fruit Jelly, Fruit Drink, Ketchup, Fruit Puree, Vegetable Mash, Pudding, Fruit Jam, Jelly, Flavor, Fruit Stuffing, Sweet, Yeast, Seasoning, Bread, Meat Gruel, Comminuted Meat, Meat Oil, Edible Oil, Candy, Syrup, Thin Cream Dressing, Chocolate, Etc.
- 2.Daily Chemicals: Cleansing Facial Milk, Hair Gel, Hair Dyes, Essence Oil, Toothpaste, Detergent, Shampoo, Shoe Polish, Cosmetics, Perf-umery Compound, Soap, Balsam, Etc.
- 3.Pharmacy: Various Pill, Paste, Emulsifier, Syrup, Nutrition Liquid, Chinese Traditional Patent Medicine, Medicine Grease, Biological Products, Fish Meal, Pollen, Royal Jelly, Vaccine.
- 4.Chemical Industry: Fat, Dissolvent, Resin, Polymer, Paint, Pigment, Dyes, Coating Material, Lubricant, Lubricating Grease, Oil Agent, Emulsified Asphalt, Adhesive, Plastic, Explosives, Glass Fiber Reinforced Plastics, Leather, Etc.
- 5.Construction Industry: Various Coating, Including Indoor/ outdorr Wall Coating, Corrosi on And Water Proof Coating, Ceramic Coating, Paint Coating, Ceramic Glazing, Etc.
- 6.Other Industries: Plastic Industry, Textile Industry, Papermaking Industry, Coal Floatation Agent, Nanometer Material, Biochemical Industry, Etc.



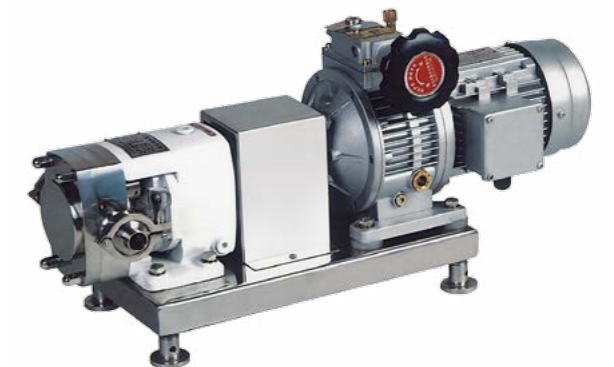
法兰斗进口转子泵
Lobe Pump with Flange hopper



内置式安全阀转子泵
Lobe Pump with Built-in Safety Valve



变频调速型转子泵
Frequency Controlling Rotor Pump



无极调速型转子泵
Step-Less Variator Rotor Pump

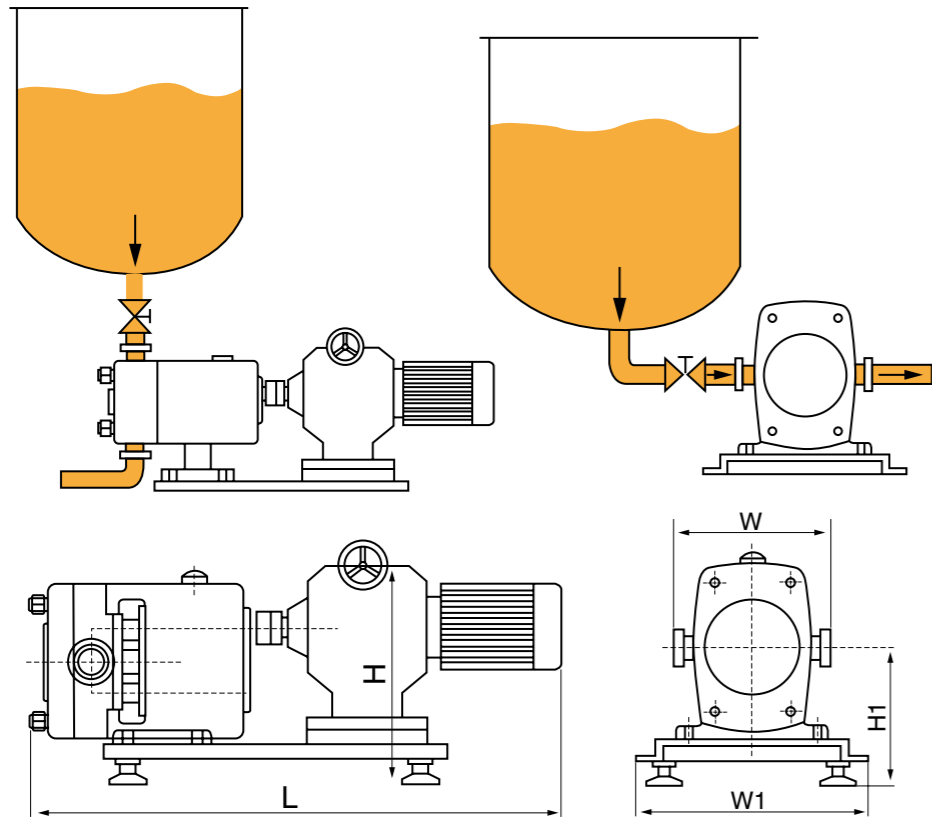


馅料输送转子泵(上下型)
Stuffing product feeding rotor pump(top in, bottom out)



移动式转子泵
Movable Rotor Pump

转子泵安装示意图
Rotor Pump Installation Instruction



技术参数
Main Parameter

产品型号 Model	每百转排量 (L) Flow per 100 Rotation	建议调整范围 (RPM) Suggested roation speed	V 对应流量 (L-H) Capacity	电机功率 (KW) Power
ZB3A-3	3	200-500	300-800	0.55
ZB3A-6	6	200-500	650-1600	0.75
ZB3A-8	8	200-500	850-2160	1.5
ZB3A-12	12	200-500	1300-3200	2.2
ZB3A-20	20	200-500	2100-5400	3
ZB3A-30	30	200-400	3200-6400	4
ZB3A-36	36	200-400	3800-7600	4
ZB3A-52	52	200-400	5600-11000	5.5
ZB3A-66	66	200-400	7100-14000	7.5
ZB3A-78	78	200-400	9000-18000	7.5
ZB3A-100	100	200-400	10000-22000	11
ZB3A-135	135	200-400	15000-30000	15
ZB3A-160	160	200-400	17000-34000	18.5
ZB3A-200	200	200-400	21600-43000	22

工作原理
Operation Principle

管线高剪切分散乳化机是用于连续生产或循环处理精细物料的高性能设备，在狭窄空间的腔体内，装有1—3组对偶咬合的多层定、转子。转子在马达的驱动下高速旋转产生强劲的轴向吸力将物料吸入腔体。在最短的时间内对物料进行分散、剪切、乳化处理，粒径分布范围也显著变窄。由此可制得精细的长期稳定的产品。

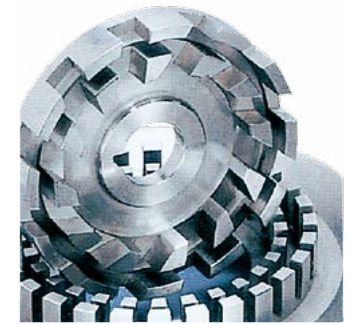
Pipeline high shear dispersing emulsifier is a high performance equipment used for continuous production or circulated treatment of fine material. In the small chamber, there are 1-3 sets of paired and clutched stators and rotor. Driven by motor, the rotor revolve quickly and produces a strong axial suction force which intakes the material to the chamber. The machine disperses, shears and emulsifies the material in shortest time, and the diameter range of the particles gets smaller so that fine and stable products are produced.



移动式型乳化泵
Movable emulsion pump



固定式型乳化泵
Fixed emulsion pump



粗齿

撞击、破碎、剪切、溶解、粗分散
Rough teeth: beat, shatter, shear, dissolve, rough disperse



中齿

分散、细化、加速溶解、乳化
Middle teeth: disperse, refine, solutize, emulsify



细齿

超细分散、加强乳化、均质、浆化
Fine teeth: superfine disperse, emulsify, homogenize, pulpify

混合溶解: Mixing dissolving	可溶性的固体或液体以分子或胶质状态交溶在一起 结晶粉末、盐、糖、乙醚硫酸盐、研磨剂、水解胶体、CMC、触变剂、橡胶、天然和合成树脂 Soluble solid or liquid blends together with liquid in the state of the molecule or the gum Crystallization powder, salt, sugar, ether sulphate, abrasive, hydrolysing colloid, CMC thixotropy, rubber, natural and synthetic resin
分散悬浮: Dispersed suspension:	不相溶固体与液体形成更小粒度混合液或悬浮液催化剂、消光剂、颜料、石墨、油漆涂料、氧化铝、复合肥料、油墨、填充剂、除草剂、杀菌剂 Unsolved solid or liquid forms finer particle blended solution or suspended solution Catalyst, flattening agent, pigment, graphite, paint coating, alumina, compound fertilizer, printing ink packing agent, weedkiller, bactericide.
乳 化: Emulsification	不相溶液体与液体一起不分离奶油、冰淇淋、动物油、植物油、蛋白质、硅油、轻油、矿物油、石蜡和蜡乳液、松香 Unsoluble liquid together with liquid does not separate Cream, ice cream, animal oil, vegetable oil, protein, silicon oil, light oil, mineral oil, paraffin wax, wax cream, rosin.
均 质: Homogeneity :	使乳化和悬浮粒径更小、分布更均匀奶油、调味品、果汁、果酱、调料、奶酪、脂肪乳、牙膏、打印墨水、瓷漆 Make emulsification and suspended grain size finer with more even distribution. Cream, flavouring, fruit juice, jam, condiment, cheese, fat milk, toothpaste, typing ink, enamel paint
浆 化: Thick liquid :	细胞组织、有机组织、动物和植物组织 Cell's tissue, organic tissue, the animal and plant tissues
化学反应: Chemical reaction :	纳米材料、加速充气、加速合成 Nanometer material, inflating with higher speed, synthesization with higher speed
萃 取: Extraction:	涡流萃取 The vortex extraction
解 聚: Depolymerization:	纳米粉体、团聚粉体 Nanometer powder, dough powder

技术参数
Rotor Pump Installation Instruction

注：表中流量范围是指介质为“水”时测定的数据，表中所列型号的出口压力 ≤ 0.2Mpa。
如采用循环工艺，建议与间歇式高剪切分散乳化机配合使用。如有高温、高压易燃、易爆、腐蚀性等工况。必须明确提供相关准确的参数，以便正确选型定制。对流动性较差的介质，建议在入口处用流量相匹配的泵输送，泵入的压力 ≤ 0.2Mpa。
本表数据如有更改，恕不另行通知，正确参数以提供的实物为准。

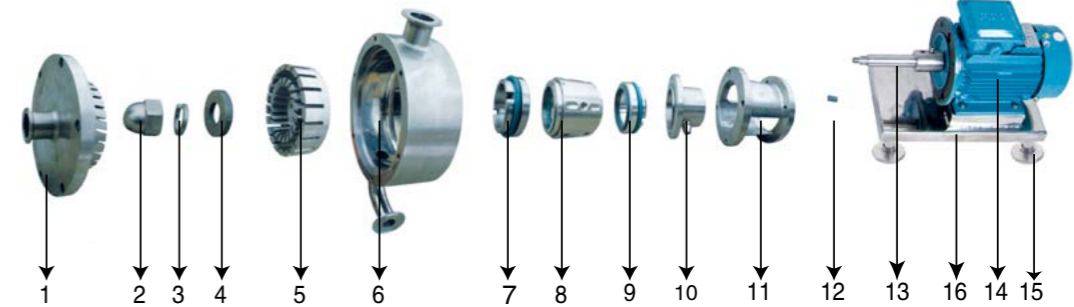
Note: the flow in the table refers to the data tested taking water as the medium. outlet pressure of the listed type ≤ 0.2Mpa.
If circulated procedure is adopted, Intermittent high shear emulsifier is recommended.
If there is high temperature, high pressure, flammable, explosive or corrosive condition, correct data should be provided by customers in order to customize the right product type.
For mediums that flow slowly, pumps of matched flow rate should be equipped in the inlet.
The data in the table is subject to change without notice. See the actual products for their data.

产品型号 Model	电机功率 (KW) Power	转速 (RPM) Rotation speed	流量范围 (m ³ -h) Capacity
TRL 1-80	1.5	2900	0-1.5
TRL 1-100	2.2	2900	0-3
TRL 1-120	4	2900	0-4
TRL 1-140	5.5	2900	0-5
TRL 1-165	7.5	2900	0-8
TRL 1-180	11	2900	0-12
TRL 1-185	15	2900	0-18
TRL 1-200	22	2900	0-25
TRL 1-210	30	2900	0-35
TRL 1-230	45	2900	0-50
TRL 1-245	55	2900	0-75
TRL 1-260	75	2900	0-90
TRL 1-275	90	2900	0-110
TRL 1-280	132	2900	0-130

管线式高剪切分散乳化机的优点
Advantages Of Pipeline High Shear Dispersing Emulsifier

1. 处理量大，适合工业化在线连续生产
 2. 粒径分布范围窄，匀度高
 3. 省时、高效、节约能耗
 4. 噪音低，运转平稳
 5. 消除批次间生产的品质差异
 6. 无死角，物料 100% 通过分散剪切
 7. 具有短距离，低扬程输送功能
 8. 使用简单，维修方便
 9. 可实现自动化控制
1. Mass production suitable for continuous production of industrialized assembly line
 2. Small diameter range, and highly even
 3. Time saving, highly efficient and energy saving
 4. Low noise, stable operation
 5. Reduced quality difference between lots
 6. Material is fully dispersed and sheared
 7. Deliver in short distance with low lift
 8. Easy operation, convenient maintenance
 9. Automatic control

管线式高剪切分散乳化机结构示意图
Pipeline High Shear Dispersing Emulsifier



- 1.定子 2.螺帽 3.弹垫 4.平垫 5.转子 6.泵腔 7.机械密封(静环) 8.机械密封(动环) 9.机械密封(静环) 10.密封冷却座 11.泵机座 12.销子 13.泵轴 14.电机 15.支脚 16.机架
1. Stator 2. Screw cap 3. Flexible gasket 4. Flat gasket 5. Rotor 6. Pump cavity 7. Mechanical seal (stationary ring) 8. Mechanical seal (moving ring) 9. Mechanical seal (stationary ring) 10. Seal cool seat 11. Pump seat 12. Pin 13. Pump shaft 14. Motor 15. Support 16. Frame

应用范围
Applications

1. 精细化工：(颜料、胶水、密封胶、树脂乳化、杀菌剂、混凝剂)
2. 石油化工：(润滑油脂、柴油乳化、沥青改性、催化剂、石蜡乳化)
3. 生物医药：(注射剂、抗菌素、药膏、生物制剂、微胶囊乳化糖衣)
4. 涂料油墨：(印刷油墨、乳胶漆、建筑涂料、汽车漆、涂料助剂)
5. 农药：(杀菌剂、种衣剂、除草剂、农药乳油、化肥、生物农药)
6. 纳米材料：(纳米材料分散解聚、反应萃取纳米产品)
7. 食品工业：(果汁、果酱、果冻、冰淇淋、乳制品、添加剂、茶饮料)
8. 日化产品：(洗涤剂、洗发水、面霜、唇膏、洗面奶、日用香精)
9. 造纸：(纸浆、胶黏剂、松香乳化、造纸助剂、树脂乳化)

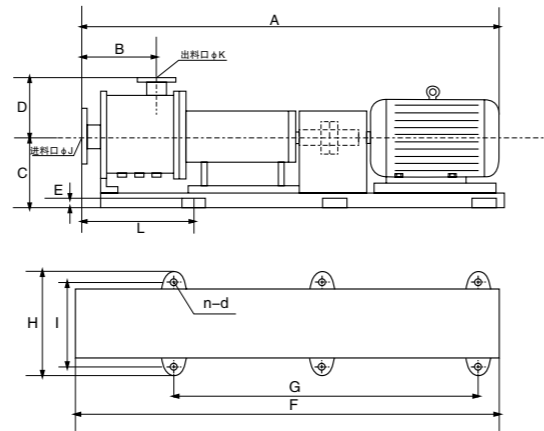
1. Fine chemical (pigment, glue, sealing compound, resin emulsifying, germicidal agent, coagulating agent)
2. Petroleum chemical (lubricating grease, diesel emulsifying, asphalt modification, catalyst, paraffin emulsification)
3. Bio-pharmacy (injection, antibiotic, ointment, biopreparate, capsule emulsification, sugar coating)
4. Coating & oil inks (printing ink, emulsion coating, construction coating, auto paint, coating auxiliary agent)
5. Pesticides (bactericidal agent, seed coating agent, herbicide, pesticide emulsified oil, fertilizer, biological pesticide)
6. Nanometer material (dispersing and depolymerizing nanometer material, extracting nanometer products in chemical reaction)
7. Food industry (juice, jam, jelly, ice cream, dairy products, additive, tea drinking)
8. Daily Chemicals (detergent, shampoo, cream, lipstick, cleaning facial milk, daily essence)
9. Paper making (pulp, adhesive, rosin emulsification, paper making additive, resin emulsification)



工作原理
Operation Principle

工作腔内装有三组定、转子，工作腔内传动轴采用悬臂式，弹性联轴器将电机与轴承箱内的主轴联接，提高传动轴的运行质量，密封形式根据不同的工况来选择。适用于中、大批量在线连续生产或循环处理生产工艺。

Three sets of stators and rotors are equipped in working cavity. Driving shaft in working cavity is an arm, electrical motor and the shaft in bearing cabinet can be connected by spring coupling to improve the operation quality of driving shaft. Seal form can be selected in different conditions. It is fit for middle-large scale on-line continuous production or circulated treatment production process.



技术参数
Main Parameter

型号 Model	功率 (Kw) Power	转速 (rpm) Rotation speed	A	B	C	D	E	F	G	H	I	J DN	K DN	L	流量范围 (m3/h) Capacity	n-d
TRL-L3-60	4	2900	950	200	180	100	8	900	700	380	320	38	32	150	0-1.5	4-φ16
TRL-L3-100	5.5	2900	1070	230	232	155	10	1000	800	450	390	50	40	150	0-3	4-φ20
TRL-L3-120	7.5	2900	1315	245	260	170	12	1250	1050	505	445	65	50	150	0-4	4-φ20
TRL-L3-140	11	2900	1370	260	260	185	12	1300	1100	505	445	65	50	150	0-5	4-φ20
TRL-L3-165	18.5	2900	1430	300	280	220	15	1350	1150	550	480	65	50	155	0-8	4-φ20
TRL-L3-180	22	2900	1870	300	300	242	15	1800	1600	590	520	100	80	160	0-12	4-φ20
TRL-L3-185	30	2900	1980	300	350	280	15	1900	1700	710	630	125	100	165	0-18	4-φ24
TRL-L3-200	45	2900	2100	305	380	300	15	2000	1800	785	705	125	100	165	0-25	4-φ24
TRL-L3-210	55	1470	2160	305	380	310	15	2050	1850	785	705	125	100	170	0-35	4-φ24
TRL-L3-230	75	1470	2370	325	415	320	15	2250	2050	900	810	150	125	170	0-50	4-φ28
TRL-L3-245	90	1470	2480	325	415	330	20	2350	2150	900	810	150	125	170	0-75	4-φ28
TRL-L3-260	110	1470	2595	325	415	340	20	2400	2200	900	810	150	125	175	0-90	4-φ28
TRL-L3-275	132	1470	2615	340	415	350	25	2400	2200	900	810	150	125	175	0-110	4-φ28

注:表中流量范围是指介质为“水”时测定的数据,表中所列型号的出口压力≤0.2Mpa.
如有高温、高压、易燃、易爆、腐蚀性等工况,必须明确提供相关的参数,以便正确选型定制.
对流动性较差的介质,建议在入口处用流量相匹配的泵输送,泵入的压力≤0.2Mpa.
本表数据如有更改,恕不另行通知,正确参数以提供的实物为准.

Notes: Flow listed on the table refers to the datas measured when the medium is water,the exit pressure ≤0.2Mpa of the model listed in the table.
In conditionsof high temperature, high pressure, flammability, explosion and erosion, relevant parameters must be provided clearly for selecting customization precisely.
For poor liquid medium, a pump which has a matching flow is suggested to feed at the inlet, input pressure ≤0.2Mpa.
If the data in the table is modified, no further notification will be given, and the right parameters as per the provided sample.

应用
Applications

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。

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
Materials

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 ≤ 0.8μm
外表面处理: 镜面抛光

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 ≤ 0.8μm
Outside finish : mirror polished

设计和特点
Design and features

简单和垂直的装配可以快速的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
卫生单机机械密封圈

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



工作原理
Operation Principle

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。

当黏性超过500cP时，输送泵和排泄泵必须是正位移泵(转子泵)。

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
Options

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

Dual cooled seal.

Connections: DIN, SMS.

Pneumatic actuator valve.

60° hopper.

Screen in the mixing chamber.

Drainage.



应用
Applications

1. 配制糖浆，山梨醇，葡萄糖，乳糖和派生物
2. 配制奶粉
3. 溶解可可粉或糖于牛奶中
4. 配制乳浆
5. 配制面粉和淀粉浆
6. 配制盐水
7. 预混酸奶酪和其他乳制品
8. 溶解斑脱土用于酒过滤
9. 溶解酪蛋白和奶酪制作工业中的酪蛋白
10. 配制杀虫剂和肥料

典型应用1
Typical Application 1

能够实现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。

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.

典型应用2
Typical Application 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。

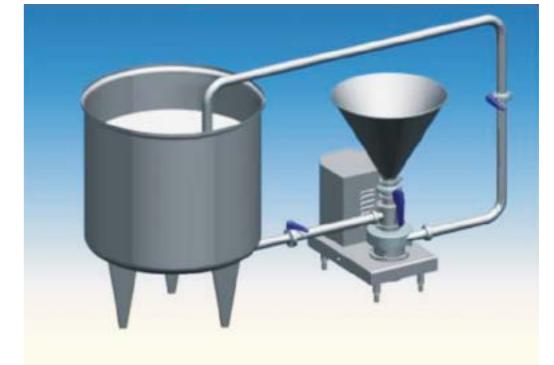
Increasing a centrifugal pump between Mixer and make-up tank is in order to feed mixer expected, this configuration can handle relatively high solid content of solution, high-speed liquid through the centrifugal accelerates solution processing of dry powder. Mainly used in the processing of final solution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

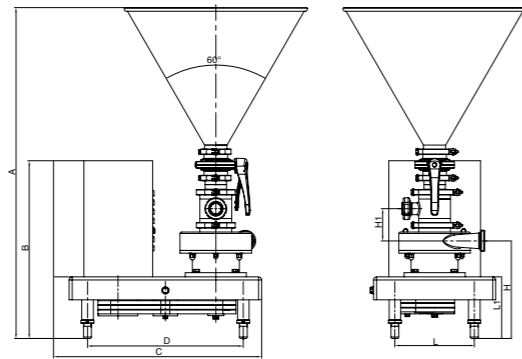
典型应用3
Typical Application 3

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。

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.

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





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
HHB-10	10	3.0	DN65-3"	DN40-1.5"	DN50-2"	45 升	2000kg/h	卡箍 螺纹 Clamp; Thread
HHB-20	20	4.0	DN65-3"	DN40-1.5"	DN50-2"	45 升	3000kg/h	卡箍 螺纹 Clamp; Thread
HHB-30	30	5.5	DN80-35"	DN50-2"	DN65-2.5"	45 升	4200kg/h	卡箍 螺纹 Clamp; Thread
HHB-40	40	7.5	DN80-35"	DN50-2"	DN65-2.5"	45 升	5500kg/h	卡箍 螺纹 Clamp; Thread
HHB-50	50	11.0	DN100-4"	2.5"	DN80-3"	65 升	7000kg/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 nest page, The size in the following form is the referenece value, the actual size is according to practicality.

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

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: 1.1Kw 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



45° 焊接弯头
45° Welded elbow



90° 焊接弯头
90° Welded elbow



45° 长型焊接弯头
45° Long-type welded elbow



45° 长型卡箍弯头
45° Long-type clamped elbow



90° 加直端焊接弯头
90° Welded elbow with straight ends



90° 卡箍弯头
90° Clamped elbow



焊接三通
Welded tee



快装三通
Clamped tee



焊接四通
Welded cross



活接式弯头
Union-type elbow



活接式三通
Union-type tee



快装四通
Clamped cross



变径三通
Reducing Tee



异心快装大小头
Ecc reducer with straight end



45° 焊接 / 快装弯头
45° weld/clamped bend



快装同心大小头
Clamped Con reducer



同心快装大小头
Clamped Con reducer with straight end



异心焊接大小头
Welded ecc reducer



短四通
Reducing short cross



双头弯三通
Double-bend tee



快装双头弯三通
Clamped double-bend tee



快装 Y 三通
Clamped Y type tee

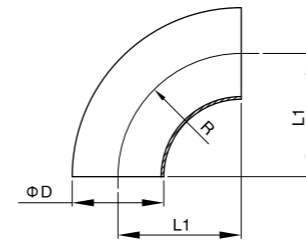


焊接 Y 三通
welded Y type tee



斜 Y 三通
Unequal Y tee

焊接式弯头(90°)

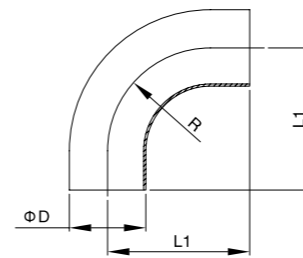


90° Welded Elbow

DIN JN-FT 1001

Size	L1	D	R
DN10	26.0	12.0	26.0
DN15	35.0	18.0	35.0
DN20	40.0	22.0	40.0
DN25	50.0	28.0	50.0
DN32	55.0	34.0	55.0
DN40	60.0	40.0	60.0
DN50	70.0	52.0	70.0
DN65	80.0	70.0	80.0
DN80	90.0	85.0	90.0
DN100	100.0	104.0	100.0
DN125	187.0	129.0	187.0
DN150	225.0	154.0	225.0
DN200	300	204	300
DN250	375	254	375
DN300	450	306	450

加直端焊接式弯头(90°)

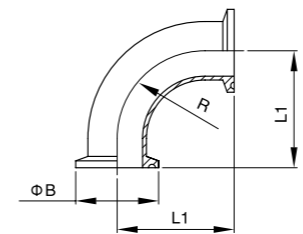


90°Welded Elbow With Straight Ends

DIN JN-FT 1002

Size	L1	D	R
DN10	38.0	12.0	26.0
DN15	47.0	18.0	35.0
DN20	52.0	22.0	40.0
DN25	70.0	28.0	50.0
DN32	78.0	34.0	55.0
DN40	85.0	40.0	60.0
DN50	97.0	52.0	70.0
DN65	110.0	70.0	80.0
DN80	118.0	85.0	90.0
DN100	140.0	104.0	100.0

卡箍式弯头 (90°)

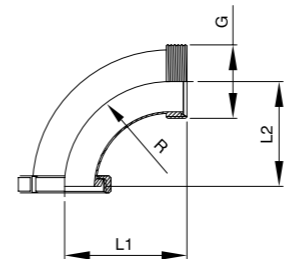


90° Clamped Elbow

DIN JN-FT 1003

Size	L1	R	B
DN15	53.0	34.0	35.0
DN20	58.0	34.0	40.0
DN25	71.0	50.5	50.0
DN32	76.5	50.5	55.0
DN40	81.5	50.5	60.0
DN50	91.5	64.0	70.0
DN65	108.0	91.0	80.0
DN80	118.0	106.0	90.0
DN100	128.0	119.0	100.0

活接式弯头 (90°)

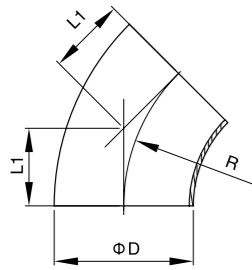


90° Union-type Elbow

DIN JN-FT 1004

Size	L1	L2	G	R
DN20	60.0	55.0	RD44 × 1/6	40.0
DN25	71.0	67.0	RD52 × 1/6	50.0
DN32	76.0	72.0	RD58 × 1/6	55.0
DN40	81.0	77.0	RD65 × 1/6	60.0
DN50	91.0	87.0	RD78 × 1/6	70.0
DN65	103.0	97.0	RD95 × 1/6	80.0
DN80	116.0	110.0	RD110 × 1/4	90.0
DN100	128.0	124.0	RD130 × 1/4	100.0

焊接式弯头(45°)

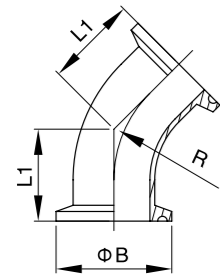


45° Welded Elbow

DIN JN-FT 1005

Size	L1	D	R
DN10	10.7	12.0	26.0
DN15	14.5	18.0	35.0
DN20	16.5	22.0	40.0
DN25	20.7	28.0	50.0
DN32	22.8	34.0	55.0
DN40	24.8	40.0	60.0
DN50	29.0	52.0	70.0
DN65	33.2	70.0	80.0
DN80	37.3	85.0	90.0
DN100	41.5	104.0	100.0
DN125	77.5	129.0	187.0
DN150	93.2	154.0	225.0

卡箍式弯头 (45°)

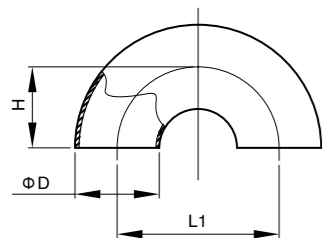


45° Clamped Elbow

DIN JN-FT 1006

Size	L1	B	R
DN20	34.5	34.0	40.0
DN25	42.2	50.5	50.0
DN32	44.3	50.5	55.0
DN40	46.3	50.5	60.0
DN50	50.5	64.0	70.0
DN65	61.2	91.0	80.0
DN80	65.3	106.0	90.0
DN100	69.5	119.0	100.0

焊接式弯头 (180°)

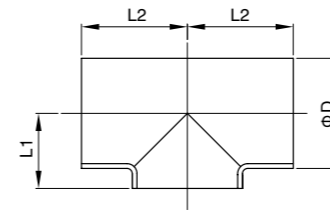


180° Welded Elbow

DIN JN-FT 1007

Size	L1	D	H
DN10	52.0	12.0	26.0
DN15	70.0	18.0	35.0
DN20	80.0	22.0	40.0
DN25	100.0	28.0	50.0
DN32	110.0	34.0	55.0
DN40	120.0	40.0	60.0
DN50	140.0	52.0	70.0
DN65	160.0	70.0	80.0
DN80	180.0	85.0	90.0
DN100	200.0	104.0	100.0
DN125	375.0	129.0	187.5
DN150	450.0	154.0	225.0

短型焊接式三通

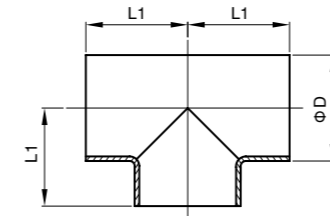


Short welded Tee

DIN JN-FT 1008

Size	L1	L2	D
DN10	7.5	26.0	12.0
DN15	10.5	35.0	18.0
DN20	12.5	40.0	22.0
DN25	16.0	50.0	28.0
DN32	19.5	55.0	34.0
DN40	22.5	60.0	40.0
DN50	30.0	70.0	52.0
DN65	39.5	80.0	70.0
DN80	47.5	90.0	85.0
DN100	58.0	100.0	104.0
DN125	70.5	187.0	129.0
DN150	83.0	225.0	154.0

长型焊接式三通

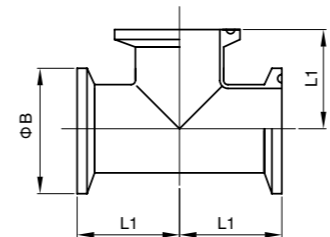


Long welded Tee

DIN JN-FT 1009

Size	L1	D
DN10	26.0	12.0
DN15	35.0	18.0
DN20	40.0	22.0
DN25	50.0	28.0
DN32	55.0	34.0
DN40	60.0	40.0
DN50	70.0	52.0
DN65	80.0	70.0
DN80	90.0	85.0
DN100	100.0	104.0
DN125	187.0	129.0
DN150	225.0	154.0

卡箍式三通

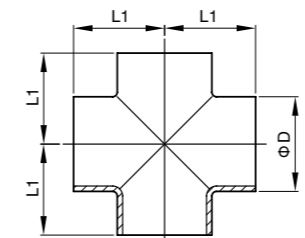


Clamped Tee

DIN JN-FT 1010

Size	L1	B
DN15	53.0	34.0
DN20	58.0	34.0
DN25	71.5	50.5
DN32	76.5	50.5
DN40	81.5	50.5
DN50	91.5	64.0
DN65	108.0	91.0
DN80	118.0	106.0
DN100	128.0	119.0

焊接式四通

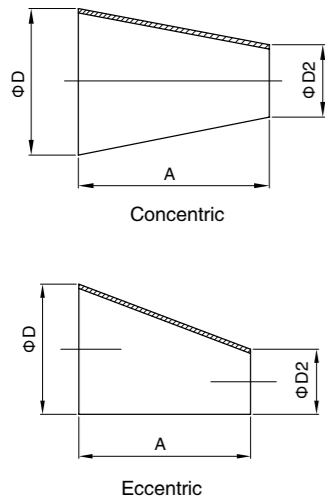


Welded Cross

DIN JN-FT 1011

Size	L1	D
DN25	50.0	28.0
DN32	55.0	34.0
DN40	60.0	40.0
DN50	70.0	52.0
DN65	80.0	70.0
DN80	90.0	85.0
DN100	100.0	104.0

焊接式大小头

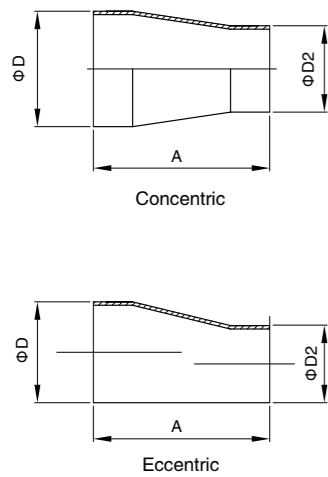


Welded Reducer

DIN JN-FT 1012

Size	A	D	D2
DN20/15	7.0	22.0	18.0
DN25/20	11.0	28.0	22.0
DN32/20	22.0	34.0	22.0
DN32/25	11.0	34.0	28.0
DN40/20	33.0	40.0	22.0
DN40/25	22.0	40.0	28.0
DN40/32	11.0	40.0	34.0
DN50/25	44.0	52.0	28.0
DN50/32	33.0	52.0	34.0
DN50/40	22.0	52.0	40.0
DN65/25	73.0	70.0	28.0
DN65/32	62.0	70.0	34.0
DN65/40	51.0	70.0	40.0
DN65/50	29.0	70.0	52.0
DN80/40	78.0	85.0	40.0
DN80/50	56.0	85.0	52.0
DN80/65	27.0	85.0	70.0
DN100/50	90.0	104.0	52.0
DN100/65	61.0	104.0	70.0
DN100/80	34.0	104.0	85.0

焊接式大小头

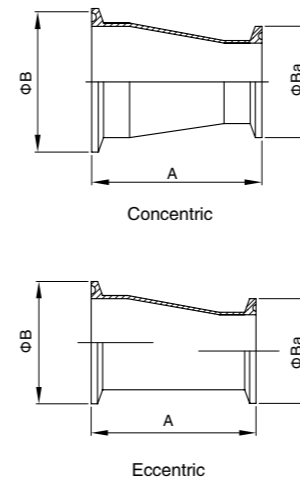


Welded Reducer

DIN JN-FT 1013

Size	A	D3	D2
DN20/15	60.0	22.0	18.0
DN25/20	60.0	28.0	22.0
DN32/20	80.0	34.0	22.0
DN32/25	80.0	34.0	28.0
DN40/20	102.0	40.0	22.0
DN40/25	102.0	40.0	28.0
DN40/32	102.0	40.0	34.0
DN50/25	115.0	52.0	28.0
DN50/32	115.0	52.0	34.0
DN50/40	115.0	52.0	40.0
DN65/25	125.0	70.0	28.0
DN65/32	125.0	70.0	34.0
DN65/40	120.0	70.0	40.0
DN65/50	120.0	70.0	52.0
DN80/40	140.0	85.0	40.0
DN80/50	125.0	85.0	52.0
DN80/65	120.0	85.0	70.0
DN100/50	160.0	104.0	52.0
DN100/65	127.0	104.0	70.0
DN100/80	120.0	104.0	85.0

卡箍式大小头

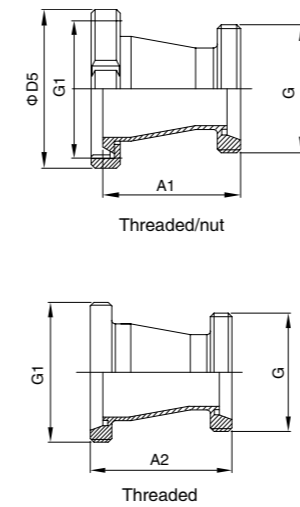


Clamped Reducer

DIN JN-FT 1015

Size	A	B	Ba
DN20/15	86.0	34.0	34.0
DN25/20	86.0	50.5	34.0
DN32/20	106.0	50.5	34.0
DN32/25	106.0	50.5	50.5
DN40/20	128.0	50.5	34.0
DN40/25	128.0	50.5	50.5
DN40/32	128.0	50.5	50.5
DN50/25	141.0	64.0	50.5
DN50/32	141.0	64.0	50.5
DN50/40	141.0	64.0	50.5
DN65/25	151.0	91.0	50.5
DN65/32	151.0	91.0	50.5
DN65/40	146.0	91.0	50.5
DN65/50	146.0	91.0	64.0
DN80/40	166.0	106.0	50.5
DN80/50	151.0	106.0	64.0
DN80/65	146.0	106.0	91.0
DN100/50	192.0	119.0	64.0
DN100/65	159.0	119.0	91.0
DN100/80	152.0	119.0	106.0

由任式大小头

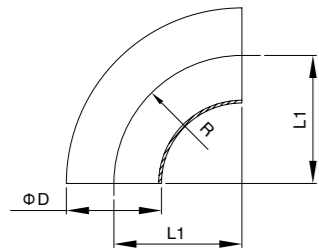


Union-type Reducer

DIN JN-FT 1016

Size	A1	G	D5	A2	G1
DN20/15	93.0	RD34×1/8	54.0	98.0	RD44×1/6
DN25/20	97.0	RD44×1/6	62.0	101.0	RD52×1/6
DN32/20	117.0	RD44×1/6	68.0	121.0	RD58×1/6
DN32/25	118.0	RD52×1/6	68.0	122.0	RD58×1/6
DN40/20	139.0	RD44×1/6	78.0	143.0	RD65×1/6
DN40/25	140.0	RD52×1/6	78.0	144.0	RD65×1/6
DN40/32	140.0	RD58×1/6	78.0	144.0	RD65×1/6
DN50/25	153.0	RD52×1/6	92.0	157.0	RD78×1/6
DN50/32	153.0	RD58×1/6	92.0	157.0	RD78×1/6
DN50/40	153.0	RD65×1/6	92.0	157.0	RD78×1/6
DN65/25	163.0	RD52×1/6	110.0	169.0	RD95×1/6
DN65/32	163.0	RD58×1/6	110.0	169.0	RD95×1/6
DN65/40	158.0	RD65×1/6	110.0	164.0	RD95×1/6
DN65/50	158.0	RD78×1/6	110.0	164.0	RD95×1/6
DN80/40	181.0	RD65×1/6	126.0	187.0	RD110×1/4
DN80/50	166.0	RD78×1/6	126.0	172.0	RD110×1/4
DN80/65	183.0	RD95×1/6	126.0	174.0	RD110×1/4
DN100/50	195.0	RD78×1/6	146.0	209.0	RD130×1/4
DN100/65	174.0	RD95×1/6	146.0	178.0	RD130×1/4
DN100/80	170.0	RD110×1/4	146.0	174.0	RD130×1/4

焊接式弯头 (90°)

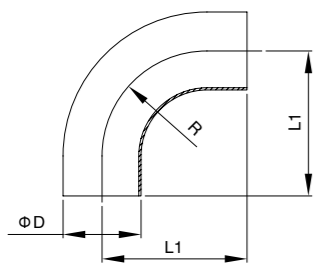


90° Welded Elbow

SMS JN-FT 2001

Size	L1	D	R
25	38.1	25.4	38.1
32	47.7	31.8	47.7
38	57.1	38.1	57.1
51	76.2	50.8	76.2
63	95.2	63.5	95.2
76	114.3	76.2	114.3
102	152.4	101.6	152.4

加直端焊接式弯头 (90°)

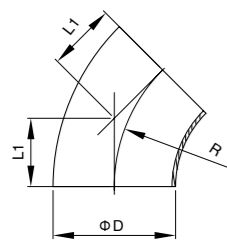


90° Welded Elbow with straight ends

SMS JN-FT 2002

Size	L1	D	R
25	52.4	25.4	38.1
38	74.6	38.1	57.2
51	103.2	50.8	76.2
63	131.8	63.5	95.2
76	160.3	76.2	114.3
102	211.1	101.6	152.1

短型焊接式弯头(45°)

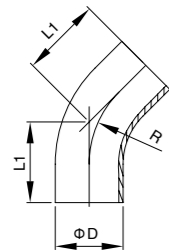


45° Short welded Elbow

SMS JN-FT 2003

Size	L1	D	R
25	15.5	25.4	38.1
38	23.6	38.1	57.2
51	31.6	50.8	76.2
63	39.5	63.5	95.3
76	47.2	76.2	114.3
102	63.0	101.6	152.4

长型焊接式弯头(45°)

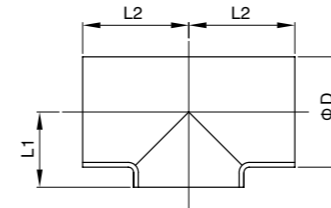


45° Long welded Elbow

SMS JN-FT 2004

Size	L1	D	R
25	30	25.4	38.1
38	41.3	38.1	57.2
51	58.7	50.8	76.2
63	76.2	63.5	95.2
76	93.7	76.2	114.3
102	122.2	101.6	152.4

短型焊接式三通

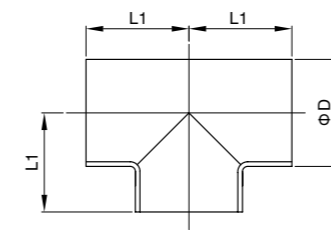


Short welded Tee

SMS JN-FT 2005

Size	L1	L2	D
25	15.0	55.0	25.4
38	21.5	70.0	38.1
51	29.0	82.0	50.8
63	36.0	105.0	63.5
76	43.0	110.0	76.2
102	57.0	150.0	101.6

长型焊接式三通

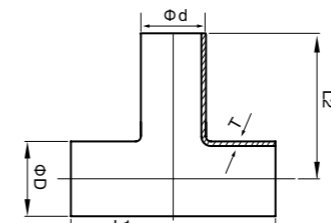


Long welded Tee

SMS JN-FT 2006

Size	L1	D
25	55.0	25.4
38	70.0	38.1
51	82.0	50.8
63	105.0	63.5
76	110.0	76.2
102	150.0	101.6

异径焊式三通

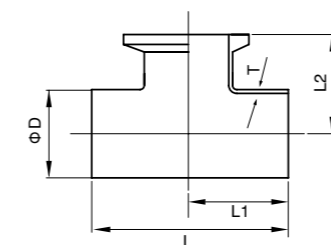


Reducing Welded Tee

SMS JN-FT 2007

Size	L	L1	φD	φd	T
25x19	110	55.0	25.0	19.05	1.25
38x19	140	70.0	38.0	19.05	1.25
38x25	140	70.0	38.0	25.0	1.25
51x25	164	82.0	51.0	25.0	1.25
51x38	164	82.0	51.0	38.0	1.25
63.5x25	210	105.0	63.5	25.0	1.5
63.5x38	210	105.0	63.5	38.0	1.5
63.5x51	210	105.0	63.5	51.0	1.5
76.1x25	220	110.0	76.1	25.0	1.6
76.1x38	220	110.0	76.1	38.0	1.6
76.1x51	220	110.0	76.1	51.0	1.6
76.1x63	220	110.0	76.1	63.0	1.6
101.6x51	300	150.0	101.6	51.0	2.0
101.6x63	300	150.0	101.6	63.5	2.0
101.6x76	300	150.0	101.6	76.1	2.0

单夹短出口三通

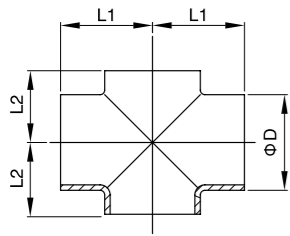


Single Outlet Tee Short Clip

SMS JN-FT 2008

Size	L	L1	φD	L2	T
25.0	110.0	55.0	25.0	26.7	1.25
38.0	140.0	70.0	38.0	33.7	1.25
51.0	164.0	82.0	51.0	41.2	1.25
63.0	210.0	105.0	63.5	48.0	1.5
76.0	220.0	110.0	76.1	54.2	1.5
101.6	300.0	150.0	101.6	70.5	1.5
101.6	300.0	150.0	104.0	73.3	1.6

焊接式四通

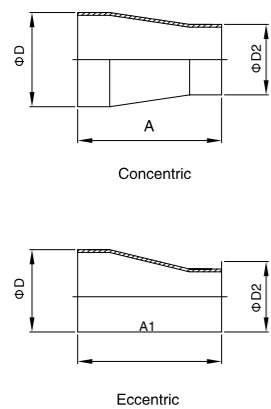


Welded Cross

SMS JN-FT 2009

Size	L1	L2	D
25	55.0	15.0	25.4
38	70.0	21.5	38.1
51	82.0	29.0	50.8
63.5	105.0	36.0	63.5
76.2	110.0	43.0	76.2
102	150.0	57.0	101.6

焊接式大小头

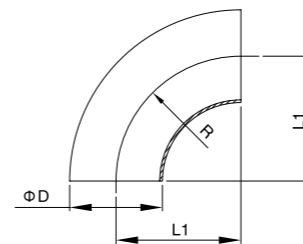


Welded Reducer

SMS JN-FT 2010

Size	A	A1	D	D2
1.5" / 1.0"	39.0	46.0	38.1	25.4
2.0" / 1.0"	57.0	68.0	50.8	25.4
2.0" / 1.5"	39.0	47.0	50.8	38.1
2.5" / 1.0"	74	92	63.5	25.4
2.5" / 1.5"	57.0	70.0	63.5	38.1
2.5" / 2.0"	39.0	44.0	63.5	50.8
3.0" / 1.0"	92	117	76.2	25.4
3.0" / 1.5"	74.0	92.0	76.2	38.1
3.0" / 2.0"	57.0	68.0	76.2	50.8
3.0" / 2.5"	39.0	47.0	76.2	63.5
4.0" / 2.0"	95.0	117.0	101.6	50.8
4.0" / 2.5"	78.0	94.0	101.6	63.5
4.0" / 3.0"	60.0	74.0	101.6	76.2

焊接式弯头(90°)

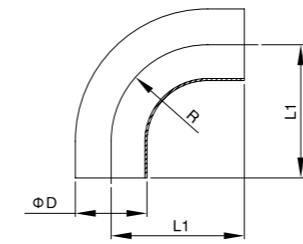


90° Welded Elbow

3A JN-FT 3001

Size	L1	D	R
1/2"	19.1	12.7	19.1
3/4"	28.6	19.1	28.6
1"	38.1	25.4	38.1
1 1/2"	57.2	38.1	57.2
2"	76.2	50.8	76.2
2 1/2"	95.3	63.5	95.3
3"	114.3	76.2	114.3
4"	152.4	101.6	152.4
5"	190.5	127.0	190.5
6"	228.6	152.4	228.6

加直端焊接式弯头(90°)

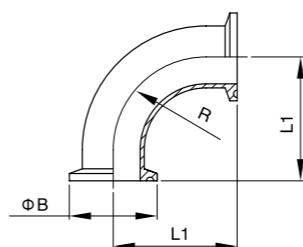


90° Welded Elbow with straight ends

3A JN-FT 3002

Size	L1	D	R
1/2"	25.4	12.7	19.1
3/4"	38.1	19.1	28.6
1"	52.4	25.4	38.1
1 1/2"	74.6	38.1	57.2
2"	103.2	50.8	76.2
2 1/2"	131.8	63.5	95.3
3"	160.3	76.2	114.3
4"	211.1	101.6	152.4
6"	292.1	152.4	228.6

卡箍式弯头 (90°)

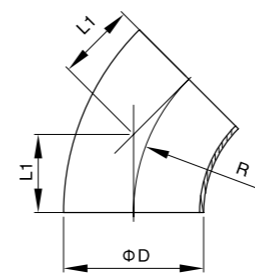


90° Clamped Elbow

3A JN-FT 3003

Size	L1	B	R
1"	50.8	50.5	38.1
1 1/2"	69.9	50.5	57.2
2"	88.9	64.0	76.2
2 1/2"	108.0	77.5	95.3
3"	127.0	91.0	114.3
4"	168.2	119.0	152.4
6"	250.8	167	228.6

焊接式弯头(45°)

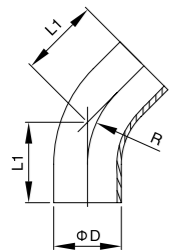


45° Welded Elbow

3A JN-FT 3004

Size	L1	D	R
1"	15.8	25.4	38.1
1 1/2"	23.8	38.1	57.2
2"	31.8	50.8	76.2
2 1/2"	39.6	63.5	95.3
3"	47.6	76.2	114.3
4"	63.5	101.6	152.4
6"	94.7	152.4	228.6

加直端焊接式弯头(45°)

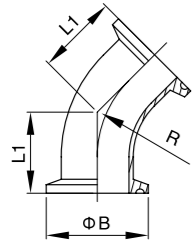


45° Welded Elbow with straight ends

3A JN-FT 3005

Size	L1	D	R
1"	30.2	25.4	38.1
1 1/2"	41.3	38.1	57.2
2"	58.7	50.8	76.2
2 1/2"	76.2	63.5	95.3
3"	93.7	76.2	114.3
4"	122.2	101.6	152.4
6"	158.2	152.4	228.6

卡箍式弯头(45°)

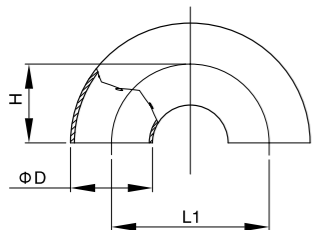


45° Clamped Elbow

3A JN-FT 3006

Size	L1	B	R
1"	28.5	50.5	38.1
1 1/2"	36.5	50.5	57.2
2"	44.5	64.0	76.2
2 1/2"	52.3	77.5	95.3
3"	60.3	91.0	114.3
4"	76.2	119.0	152.4

焊接式弯头(180°)

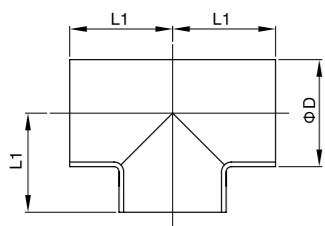


180° Welded Elbow

3A JN-FT 3007

Size	L1	D	H
1"	76.2	25.4	38.1
1 1/2"	114.3	38.1	57.2
2"	152.4	50.8	76.2
2 1/2"	190.5	63.5	95.3
3"	228.6	76.2	114.3
4"	304.8	101.6	152.4

短型焊接式三通

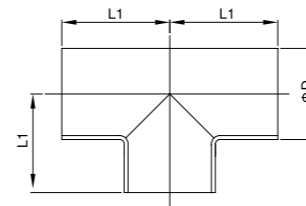


Short welded Tee

3A JN-FT 3008

Size	L1	D
1"	28.6	25.4
1 1/2"	42.0	38.1
2"	52.3	50.8
2 1/2"	59.5	63.5
3"	65.9	76.2
4"	87.3	101.6
6"	127	152.4

长型焊接式三通

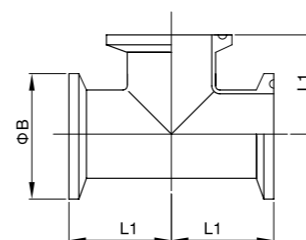


Long welded Tee

3A JN-FT 3009

Size	L1	D
1"	47.6	25.4
1 1/2"	57.2	38.1
2"	76.2	50.8
2 1/2"	76.2	63.5
3"	82.6	76.2
4"	98.4	101.6
6"	143	152.4

卡箍式三通

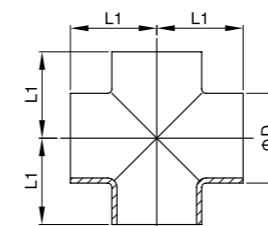


Clamped Tee

3A JN-FT 3010

Size	L1	B
1"	60.3	50.5
1 1/2"	69.9	50.5
2"	88.9	64.0
2 1/2"	88.9	77.5
3"	95.3	91.0
4"	114.2	119.0

焊接式四通(长型)

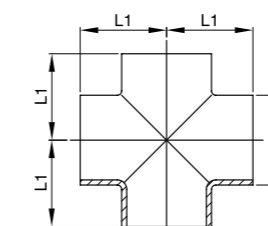


Welded Cross (Long-type)

3A JN-FT 3011

Size	L1	D
1"	47.6	25.4
1 1/2"	57.2	38.1
2"	76.2	50.8
2 1/2"	76.2	63.5
3"	82.6	76.2
4"	98.4	101.6

焊接式四通(短型)

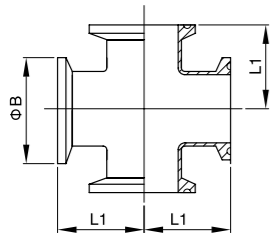


Welded Cross (Short-type)

3A JN-FT 3012

Size	L1	D
1"	28.6	25.4
1 1/2"	42.1	38.1
2"	52.4	50.8
2 1/2"	54.5	63.5
3"	65.9	76.2
4"	87.3	101.6

卡箍式四通

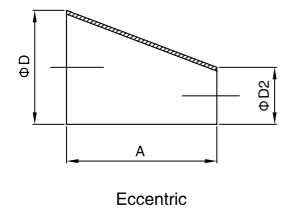
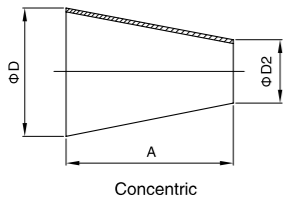


Clamped Cross

3A JN-FT 3013

Size	L1	B
1"	60.3	50.5
1 1/2"	69.9	50.5
2"	88.9	64.0
2 1/2"	88.9	91.0
3"	95.3	106.0
4"	114.3	119.0

焊接式大小头

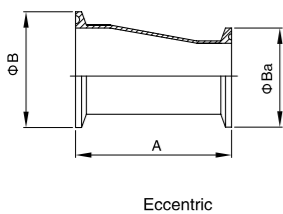
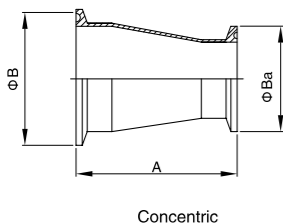


Welded Reducer

3A JN-FT 3014

Size	A	D	D2
1.5"/1.0"	50.8	38.1	25.4
2.0"/1.0"	101.6	50.8	25.4
2.0"/1.5"	50.8	50.8	38.1
2.5"/1.5"	101.6	63.5	38.1
2.5"/2.0"	50.8	63.5	50.8
3.0"/1.5"	152.4	76.2	38.1
3.0"/2.0"	101.6	76.2	50.8
3.0"/2.5"	50.8	76.2	63.5
4.0"/2.0"	203.2	101.6	50.8
4.0"/2.5"	152.4	101.6	63.5
4.0"/3.0"	101.6	101.6	76.2
6.0"/3.0"	140.0	152.4	76.2
6.0"/4.0"	140.0	152.4	101.6

卡箍式大小头

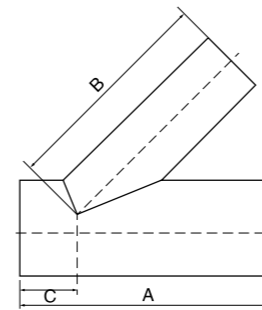


Clamped Reducer

3A JN-FT 3015

Size	A	B	Ba
1.5"/1.0"	76.2	50.5	50.5
2.0"/1.0"	127.0	64.0	50.5
2.0"/1.5"	76.2	64.0	50.5
2.5"/1.5"	127.0	77.5	50.5
2.5"/2.0"	76.2	77.5	64.0
3.0"/1.5"	177.8	91.0	50.5
3.0"/2.0"	127.0	91.0	64.0
3.0"/2.5"	76.2	91.0	77.5
4.0"/2.0"	231.8	119.0	64.0
4.0"/2.5"	181.0	119.0	77.5
4.0"/3.0"	130.2	119.0	91.0

对焊“Y”型三通

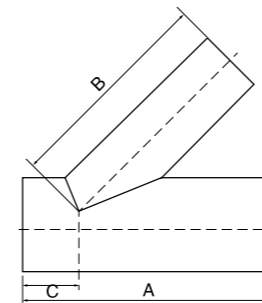


Oblique Y type Tee

3A JN-FT 3016

Size	A	B	C
1/2"	152.4	127.0	25.4
3/4"	152.4	127.0	25.4
1"	152.4	127.0	25.4
1 1/2"	187.3	173.1	30.2
2"	222.2	180.9	41.3
2 1/2"	254	215.9	38.1
3"	273.1	225.4	47.6
4"	325.5	273.1	52.4
6"	419.1	317.5	101.6

对焊“Y”型三通

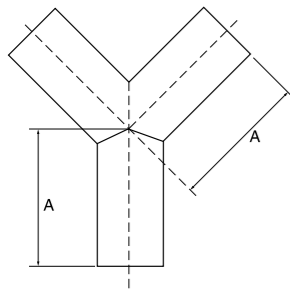


Reducing oblique Y-type tee

3A JN-FT 3017

Size	A	B	C
1 1/2 x 1	187.3	157.2	30.2
2 x 1	222.2	181.0	41.3
2 x 1 1/2	222.2	181.0	41.3
2 1/2 x 1	254	215.9	38.1
2 1/2 x 1 1/2	254	215.9	38.1
2 1/2 x 2	254	215.9	38.1
3 x 1	273.1	225.4	47.6
3 x 1 1/2	273.1	225.4	47.6
3 x 2	273.1	225.4	47.6
3 x 2 1/2	273.1	225.4	47.6
4 x 1	325.5	273.1	52.4
4 x 1 1/2	325.5	273.1	52.4
4 x 2	274.7	273.1	52.4
4 x 2 1/2	325.5	273.1	52.4
4 x 3	325.5	273.1	52.4

对焊“Y”型三通

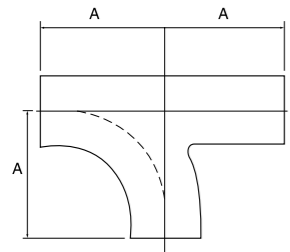


Butt weld Y-type Tee

3A JN-FT 3018

Size	A
1/2"	50.8
3/4"	50.8
1"	76.2
1 1/2"	76.2
2"	101.6
2 1/2"	127
3"	152.4
4"	203.2
6"	203.2

对焊“Y”型三通

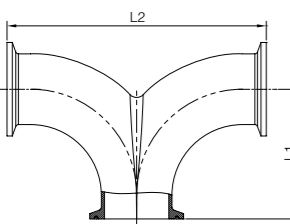


Bending type Y type tee

3A JN-FT 3019

Size	A
1"	65.0
1 1/2"	85.0
2"	110.0
2 1/2"	135.0
3"	155.0
4"	195.0

90°夹式双弯头

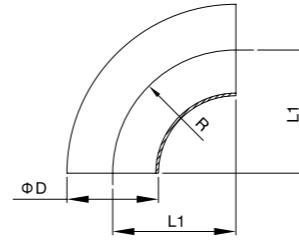


90°Clamp Double Bend

3A JN-FT 3020

Size	L1	L2
1"	50.8	101.6
1 1/2"	69.85	139.7
1 1/4"	60.4	120.8
2"	88.9	177.8
2 1/2"	107.9	215.9
3"	127.0	228.6
4"	168.4	336.8

焊接式弯头(90°)

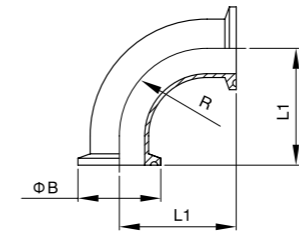


90° Welded Elbow

ISO/IDF JN-FT 4001

Size	L1	D	R
1"	33.5	25.4	33.5
1 1/4"	38.0	32.0	38.0
1 1/2"	48.5	38.1	48.5
2"	60.5	50.8	60.5
2 1/2"	83.5	63.5	83.5
3"	88.5	76.2	88.5
3 1/2"	103.5	89.0	103.5
4"	127	101.6	127
4 1/2"	152.4	114.3	152.4
5"	190.5	133.0	190.5
6"	228.6	159.0	228.6

卡箍式弯头(90°)

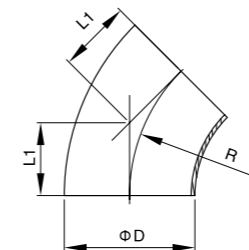


90° Clamped Elbow

ISO/IDF JN-FT 4002

Size	L1	B	R
Φ25	55.0	50.5	33.5
Φ32	59.5	50.5	38.0
Φ38	70.0	50.5	48.5
Φ51	82.0	64.0	60.5
Φ63	105.0	77.5	83.5
Φ76	110.0	91.0	88.5
Φ89	125.0	106.0	103.5
Φ102	148	119.0	127

焊接式弯头(45°)

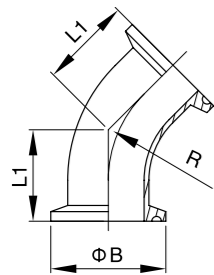


45° Welded Elbow

ISO/IDF JN-FT 4003

Size	L1	D	R
1"	13.9	25.4	33.5
1 1/4"	15.7	32.0	38.0
1 1/2"	20.1	38.1	48.5
2"	25.1	50.8	60.5
2 1/2"	34.6	63.5	83.5
3"	36.7	76.2	88.5
3 1/2"	42.9	89.0	103.5
4"	52.6	101.6	127

卡箍式弯头(45°)

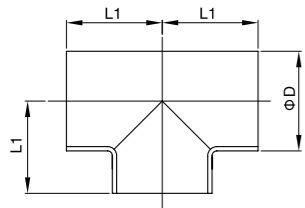


45°C lamped Elbow

ISO/IDF JN-FT 4004

Size	L1	D	R
Φ25	35.4	50.5	33.5
Φ32	37.2	50.5	38.0
Φ38	41.6	50.5	48.5
Φ51	46.6	64.0	60.5
Φ63	56.1	77.5	83.5
Φ76	58.2	91.0	88.5
Φ89	64.4	106.0	103.5
Φ102	73.6	119.0	127

焊接式三通

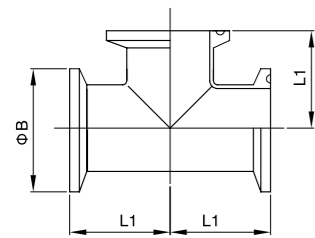


Welded Tee

ISO/IDF JN-FT 4005

Size	L1	D
1"	33.5	25.4
1 1/4"	38.1	31.8
1 1/2"	48.5	38.1
2"	60.5	50.8
2 1/2"	83.5	63.5
3"	88.5	76.2
3 1/2"	103.5	88.9
4"	127	101.6
4 1/2"	152.4	114.3
5"	190.5	133.0
6"	228.6	159.0

卡箍式三通

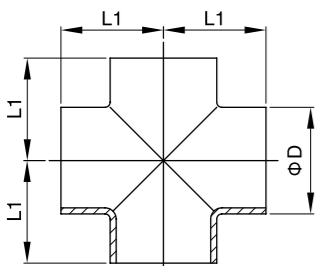


Clamped Tee

ISO/IDF JN-FT 4006

Size	L1	D
1"	55.0	50.5
1 1/4"	59.5	50.5
1 1/2"	70.0	50.5
2"	82.0	64.0
2 1/2"	105	77.5
3"	110	91.0
3 1/2"	125	106.0
4"	148.5	119.0

焊接式四通

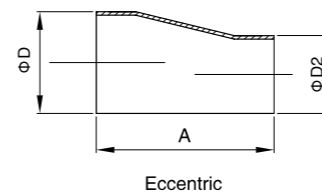
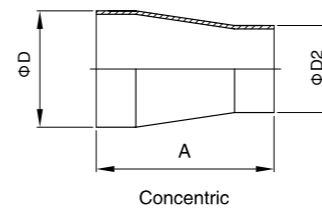


Welded Cross

ISO/IDF JN-FT 4007

Size	L1	D
1"	33.5	25.4
1 1/4"	38.0	32.0
1 1/2"	48.5	38.0
2"	60.5	51.0
2 1/2"	83.5	63.5
3"	88.5	76.0
3 1/2"	103.5	89.0
4"	127	101.6

焊接式大小头

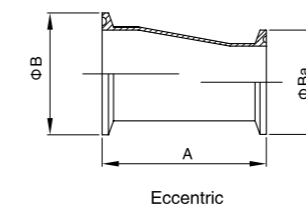
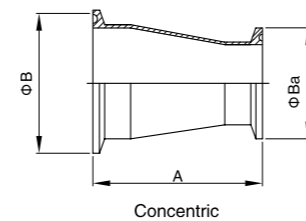


Welded Reducer

ISO/IDF JN-FT 4008

Size	A	D	D2
1.0"/0.75"	38.0	25.4	19.05
1.25"/1.0"	50.0	31.8	25.4
1.5"/1.25"	50.0	38.1	31.8
1.5"/1.0"	50.0	38.1	25.4
2.0"/1.5"	67.0	50.8	38.1
2.0"/1.25"	67.0	50.8	31.8
2.0"/1.0"	67.0	50.8	25.4
2.5"/2.0"	67.0	63.5	50.8
2.5"/1.5"	67.0	63.5	38.1
2.5"/1.0"	67.0	63.5	25.4
3.0"/2.5"	67.0	76.2	63.5
3.0"/2.0"	67.0	76.2	50.8
3.0"/1.5"	67.0	76.2	38.1
3.5"/3.0"	67.0	88.9	76.2
3.5"/2.5"	67.0	88.9	63.5
3.5"/2.0"	67.0	88.9	50.8
4.0"/3.5"	87.0	101.6	88.9
4.0"/3.0"	87.0	101.6	76.2
4.0"/2.5"	87.0	101.6	63.5
4.0"/2.0"	87.0	101.6	50.8

卡箍式大小头

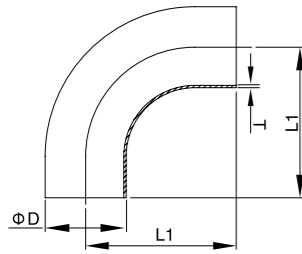


Clamped Reducer

ISO/IDF JN-FT 4009

Size	A	D	Ba
1.0"/0.75"	80.0	50.5	34.0
1.25"/1.0"	92.0	50.5	50.5
1.5"/1.25"	92.0	50.5	50.5
1.5"/1.0"	92.0	50.5	50.5
2.0"/1.5"	109.0	64.0	50.5
2.0"/1.25"	109.0	64.0	50.5
2.0"/1.0"	109.0	64.0	50.5
2.5"/2.0"	109.0	77.5	64.0
2.5"/1.5"	109.0	77.5	50.5
2.5"/1.0"	109.0	77.5	50.5
3.0"/2.5"	109.0	91.0	77.5
3.0"/2.0"	109.0	91.0	64.0
3.0"/1.5"	109.0	91.0	50.5
3.5"/3.0"	109.0	106.0	91.0
3.5"/2.5"	109.0	106.0	77.5
3.5"/2.0"	109.0	106.0	64.0
4.0"/3.5"	129.0	119.0	106.0
4.0"/3.0"	129.0	119.0	91.0
4.0"/2.5"	129.0	119.0	77.5
4.0"/2.0"	129.0	119.0	64.0

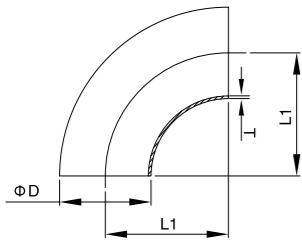
长型加直端焊接式弯头(90°)



90° Long welded Elbow with straight ends **AS JN-FT 5001**

Size	L1	D	T
1/2"	49.1	12.7	1.6
3/4"	58.6	19.1	1.6
1"	68.1	25.4	1.6
1 1/4"	77.7	31.8	1.6
1 1/2"	87.0	38.1	1.6
2"	106.2	50.8	1.6
2 1/2"	125.0	63.5	1.6
3"	144.2	76.2	1.6
4"	182.4	101.6	2.0

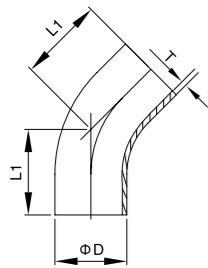
焊接式弯头(90°)



90° Welded Elbow **AS JN-FT 5002**

Size	L1	D	T
1/2"	19.1	12.7	1.6
3/4"	28.6	19.1	1.6
1"	38.1	25.4	1.6
1 1/4"	47.7	31.8	1.6
1 1/2"	57.0	38.1	1.6
2"	76.2	50.8	1.6
2 1/2"	95.0	63.5	1.6
3"	114.2	76.2	1.6
4"	152.4	101.6	2.0

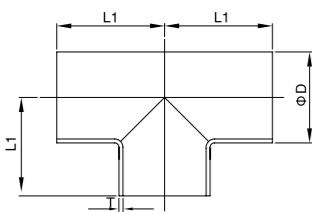
长型焊接式弯头(45°)



45° Long welded Elbow **AS JN-FT 5003**

Size	L1	D	T
1/2"	37.9	12.7	1.6
3/4"	41.8	19.1	1.6
1"	45.8	25.4	1.6
1 1/4"	49.7	31.8	1.6
1 1/2"	53.7	38.1	1.6
2"	61.6	50.8	1.6
2 1/2"	69.5	63.5	1.6
3"	77.3	76.2	1.6
4"	92.8	101.6	2.0

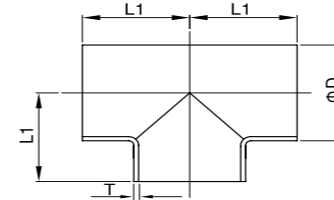
长型焊接式三通



Long welded Tee **AS JN-FT 5004**

Size	L1	D	T
1/2"	49.1	12.7	1.6
3/4"	58.6	19.1	1.6
1"	68.1	25.4	1.6
1 1/4"	77.7	31.8	1.6
1 1/2"	87.0	38.1	1.6
2"	106.2	50.8	1.6
2 1/2"	125.0	63.5	1.6
3"	144.2	76.2	1.6
4"	182.4	101.6	2.0

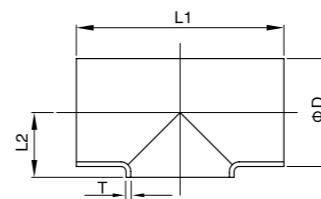
短型焊接式三通



Equal welded Tee **AS JN-FT 5005**

Size	L1	D	T
1/2"	19.1	12.7	1.6
3/4"	28.6	19.1	1.6
1"	38.1	25.4	1.6
1 1/4"	47.7	31.8	1.6
1 1/2"	57.0	38.1	1.6
2"	76.2	50.8	1.6
2 1/2"	95.0	63.5	1.6
3"	114.2	76.2	1.6
4"	152.4	101.6	2.0

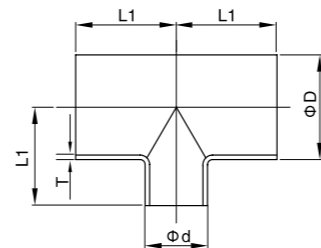
平口焊接式三通



Short welded Tee **AS JN-FT 5006**

Size	L1	L2	D	T
1/2"	38.2	9.35	12.7	1.6
3/4"	57.2	12.55	19.1	1.6
1"	76.2	15.7	25.4	1.6
1 1/4"	95.4	18.9	31.8	1.6
1 1/2"	114.0	22.05	38.1	1.6
2"	152.4	28.4	50.8	1.6
2 1/2"	190.0	34.75	63.5	1.6
3"	228.4	41.1	76.2	1.6
4"	304.8	53.8	101.6	2.0

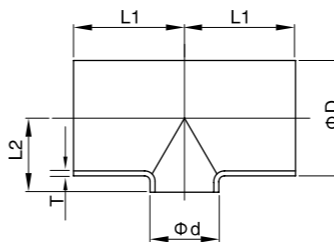
变径焊接式三通



Reducing welded Tee **AS JN-FT 5007**

Size	L1	D	d	T
1 1/2"x 1"	80	38.1	25.4	1.6
2"x 1"	80	50.8	25.4	1.6
2"x 1 1/2"	80	50.8	38.1	1.6
2 1/2"x 1 1/2"	80	63.5	38.1	1.6
2 1/2"x 2"	80	63.5	50.8	1.6
3"x 1 1/2"	80	76.2	38.1	1.6
3"x 2"	80	76.2	50.8	1.6
3"x 2 1/2"	80	76.2	63.5	1.6
4"x 2"	80	101.6	50.8	1.6
4"x 2 1/2"	80	101.6	63.5	1.6
4"x 3"	80	101.6	76.2	2.0

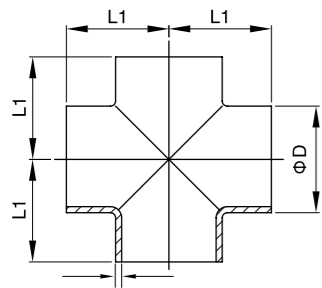
平口变径焊接式三通



Short reducing welded Tee **AS JN-FT 5008**

Size	L1	L2	D	d	T
1 1/2"x 1"	80	22.05	38.1	25.4	1.6
2"x 1"	80	28.4	50.8	25.4	1.6
2"x 1 1/2"	80	28.4	50.8	38.1	1.6
2 1/2"x 1 1/2"	80	34.75	63.5	38.1	1.6
2 1/2"x 2"	80	34.75	63.5	50.8	1.6
3"x 1 1/2"	80	41.1	76.2	38.1	1.6
3"x 2"	80	41.1	76.2	50.8	1.6
3"x 2 1/2"	80	41.1	76.2	63.5	1.6
4"x 2"	80	53.8	101.6	50.8	1.6
4"x 2 1/2"	80	53.8	101.6	63.5	1.6
4"x 3"	80	53.8	101.6	76.2	2.0

长型焊接式四通

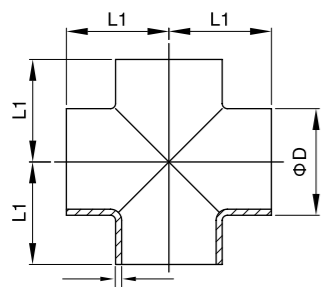


Long welded Cross

AS JN-FT 5009

Size	L1	D	T
1/2"	49.1	12.7	1.6
3/4"	58.6	19.1	1.6
1"	68.1	25.4	1.6
1 1/4"	77.7	31.8	1.6
1 1/2"	87.0	38.1	1.6
2"	106.2	50.8	1.6
2 1/2"	125.0	63.5	1.6
3"	144.2	76.2	1.6
4"	182.4	101.6	2.0

短型焊接式四通

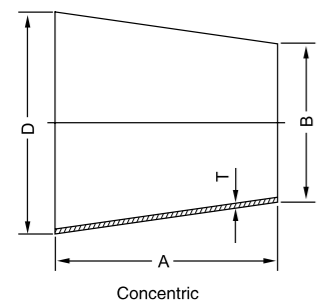


Short welded Cross

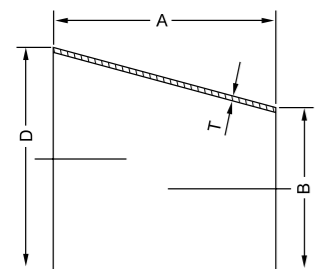
AS JN-FT 5010

Size	L1	D	T
1/2"	19.1	12.7	1.6
3/4"	28.6	19.1	1.6
1"	38.1	25.4	1.6
1 1/4"	47.7	31.8	1.6
1 1/2"	57.0	38.1	1.6
2"	76.2	50.8	1.6
2 1/2"	95.0	63.5	1.6
3"	114.2	76.2	1.6
4"	152.4	101.6	2.0

焊接式大小头



Concentric



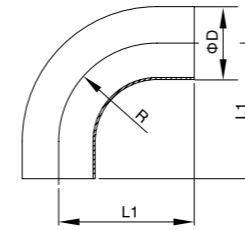
Eccentric

Welded Reducer

AS JN-FT 5011

Size	A	B	D	T
3/4"x 1/2"	19.1	12.7	19.1	1.6
1"x 1/2"	25.4	12.7	25.4	1.6
1"x 3/4"	25.4	19.1	25.4	1.6
1 1/4"x 3/4"	31.8	19.1	31.8	1.6
1 1/4"x 1"	31.8	25.4	31.8	1.6
1 1/2"x 3/4"	38.1	19.1	38.1	1.6
1 1/2"x 1"	38.1	25.4	38.1	1.6
2"x 1/2"	50.8	12.7	50.8	1.6
2"x 3/4"	50.8	19.1	50.8	1.6
2"x 1"	50.8	25.4	50.8	1.6
2"x 1 1/4"	50.8	31.8	50.8	1.6
2"x 1 1/2"	50.8	38.1	50.8	1.6
2 1/2"x 1"	63.5	25.4	63.5	1.6
2 1/2"x 1 1/4"	63.5	31.8	63.5	1.6
2 1/2"x 1 1/2"	63.5	38.1	63.5	1.6
2 1/2"x 2"	63.5	50.8	63.5	1.6
3"x 1"	76.2	25.4	76.2	1.6
3"x 1 1/4"	76.2	31.8	76.2	1.6
3"x 1 1/2"	76.2	38.1	76.2	1.6
3"x 2"	76.2	50.8	76.2	1.6
3"x 2 1/2"	76.2	63.5	76.2	1.6
4"x 1"	101.6	25.4	101.6	2.0
4"x 1 1/4"	101.6	31.8	101.6	2.0
4"x 1 1/2"	101.6	38.1	101.6	2.0
4"x 2"	101.6	50.8	101.6	2.0
4"x 2 1/2"	101.6	63.5	101.6	2.0
4"x 3"	101.6	76.2	101.6	2.0

焊接式弯头(90°)

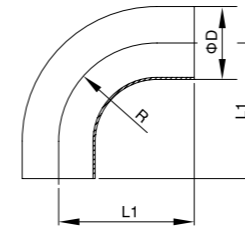


90° Welded Elbow

BS JN-FT 6001

Size	L1	R	D
1"	43.5	38.1	25.4
1 1/2"	63.5	57.2	38.1
2"	88.5	76.2	50.8
2 1/2"	113.5	95.3	63.5
3"	133.5	114.3	76.2
4"	173.5	152.4	101.6

加直端焊接式弯头(90°)

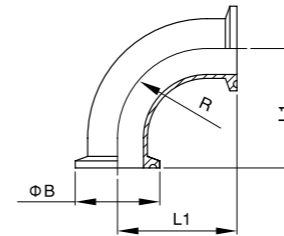


90°Welded Elbow with straight ends

BS JN-FT 6002

Size	L1	R	D
1"	65.0	38.1	25.4
1 1/2"	85.0	57.2	38.1
2"	110.0	76.2	50.8
2 1/2"	135.0	95.3	63.5
3"	155.0	114.3	76.2
4"	195.0	152.4	101.6

卡箍式弯头(90°)

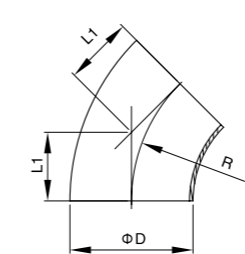


90° Clamped Elbow

BS JN-FT 6003

Size	L1	B	R
1"	65.0	50.5	38.1
1 1/2"	85.0	50.5	57.2
2"	110.0	64	76.2
2 1/2"	135.0	77.5	95.3
3"	155.0	91	114.3
4"	195.0	119	152.4

短型焊接式弯头(45°)

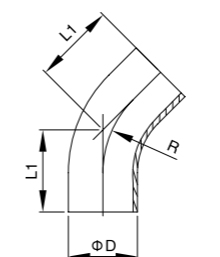


45° Short welded Elbow

BS JN-FT 6004

Size	L1	D	R
1"	15.8	25.4	38.1
1 1/2"	23.7	38.1	57.2
2"	31.8	50.8	76.2
2 1/2"	39.6	63.5	95.3
3"	47.5	76.2	114.3
4"	63.2	101.6	152.4

长型焊接式弯头(45°)

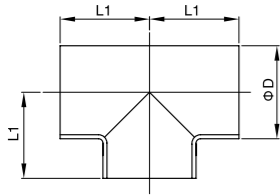


45° Long welded Elbow

BS JN-FT 6005

Size	L1	D	R
1"	30.2	25.4	38.1
1 1/2"	41.3	38.1	57.2
2"	58.7	50.8	76.2
2 1/2"	76.2	63.5	95.3
3"	93.7	76.2	114.3
4"	122.2	101.6	152.4

短型焊接式三通

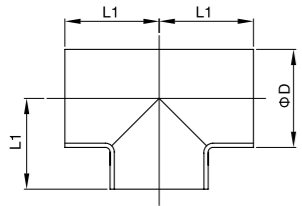


Short welded Tee

BS JN-FT 6006

Size	L1	D
1"	43.5	25.4
1 1/2"	63.5	38.1
2"	88.5	50.8
2 1/2"	113.5	63.5
3"	133.5	76.2
4"	173.5	101.6

长型焊接式三通

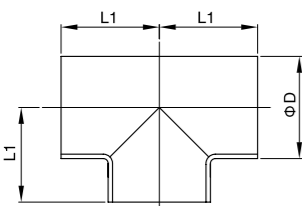


Long welded Tee

BS JN-FT 6007

Size	L1	D
1"	65.0	25.4
1 1/2"	85.0	38.1
2"	110.0	50.8
2 1/2"	135.0	63.5
3"	155.0	76.2
4"	195.0	101.6

长型焊接式三通

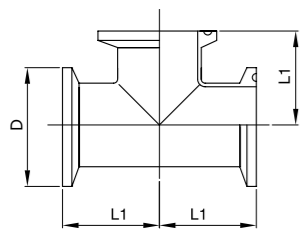


Long welded Tee

BS JN-FT 6008

Size	L1	D
1/2"	47.6	12.7
3/4"	50.8	19.05
1"	54.0	25.4
1 1/2"	60.3	38.1
2"	73.0	50.8
2 1/2"	79.4	63.5
3"	85.7	76.2
4"	104.8	101.6

卡箍式三通

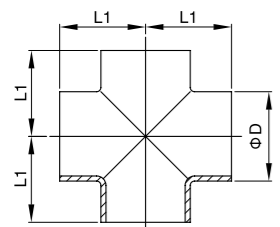


Clamped Tee

BS JN-FT 6009

Size	L1	D
1/2"	57.2	25.4
3/4"	60.3	25.4
1"	66.7	50.5
1 1/2"	73.0	50.5
2"	85.7	64.0
2 1/2"	92.1	77.5
3"	98.4	91.0
4"	120.7	119.0

焊接式四通

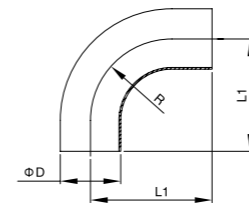


Welded Cross

BS JN-FT 6010

Size	L1	D
1"	65.0	25.4
1 1/2"	85.0	38.1
2"	110.0	50.8
2 1/2"	135.0	63.5
3"	155.0	76.2
4"	195.0	101.6

焊接式弯头(90°)

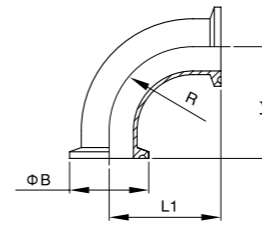


90° Welded Elbow

BPE JN-FT 7001

Size	L1	D	R
1/2"	76.2	12.7	19.1
3/4"	76.2	19.05	28.6
1"	76.2	25.4	38.1
1 1/2"	95.3	38.1	57.2
2"	120.7	50.8	76.2
2 1/2"	139.7	63.5	95.3
3"	158.8	76.2	114.3
4"	203.2	101.6	152.4

卡箍式弯头(90°)

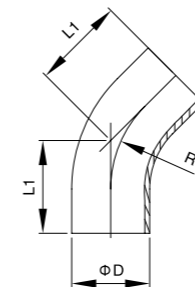


90° Clamped Elbow

BPE JN-FT 7002

Size	L1	B	R
1/2"	41.3	25.4	19.0
3/4"	41.3	25.4	28.6
1"	50.8	50.5	38.1
1 1/2"	69.9	50.5	57.2
2"	88.9	64.0	76.2
2 1/2"	108.0	77.5	95.3
3"	127.0	91.0	114.3
4"	168.3	119.0	152.4

加直端焊接式弯头(45°)

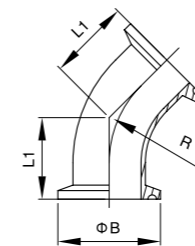


45° Welded Elbow with straight ends

BPE JN-FT 7003

Size	L1	D	R
1/2"	57.2	12.7	19.1
3/4"	57.2	19.05	28.6
1"	57.2	25.4	38.1
1 1/2"	63.5	38.1	57.2
2"	76.2	50.8	76.2
2 1/2"	85.7	63.5	95.3
3"	92.1	76.2	114.3
4"	114.3	101.6	152.4

卡箍式弯头(45°)

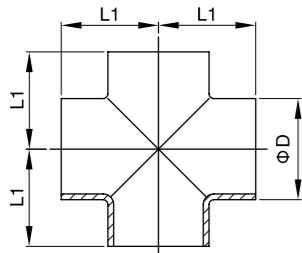


45° Clamped Elbow

BPE JN-FT 7004

Size	L1	B	R
1"	28.6	50.5	38.1
1 1/2"	36.5	50.5	57.2
2"	44.5	64.0	76.2
2 1/2"	52.4	77.5	95.3
3"	60.3	91.0	114.3
4"	79.4	119.0	152.4

焊接式四通

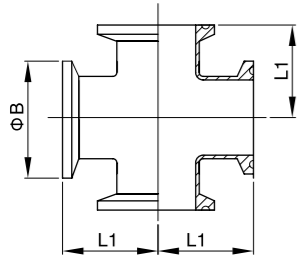


Welded Cross

BPE JN-FT 7005

Size	L1	D
1/2"	47.6	12.7
3/4"	50.8	19.05
1"	54.0	25.4
1 1/2"	60.3	38.1
2"	73.0	50.8
2 1/2"	79.4	63.5
3"	85.7	76.2
4"	104.8	101.6

卡箍式四通

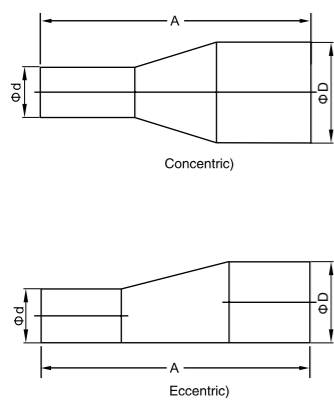


Clamped Cross

BPE JN-FT 7006

Size	L1	B
1"	66.7	50.5
1 1/2"	73.0	50.5
2"	85.7	64.0
2 1/2"	92.1	91.0
3"	98.4	106.0
4"	120.7	119.0

焊接式大小头



Welded Reducer

BPE JN-FT 7007

Size	A	D	d
1*0.75	101.6	25.4	19.1
1.5*0.75	127.0	38.1	19.1
1.5*1.0	127.0	38.1	25.4
2.0*1.0	184.2	50.8	25.4
2.0*1.5	133.4	50.8	38.1
2.5*1.5	184.6	63.5	38.1
2.5*2.0	139.7	63.5	50.8
3.0*1.5	235.0	76.2	38.1
3.0*2.0	190.5	76.2	50.8
3.0*2.5	139.7	76.2	63.5
4.0*2.0	298.5	101.6	50.8
4.0*2.5	247.7	101.6	63.5
4.0*3.0	196.9	101.6	76.2
6.0*4.0	254.0	152.4	101.6



双销卡箍
Double pin clamp



高压卡箍
High pressure clamp



单销卡箍
Single pin heavy duty clamp



膨胀接头
Expanding ferrule



快装外螺纹接头
Clamped male adaptor



快装内螺纹接头
Clamped female adaptor



皮管接头
Hose adaptor



快装皮管接头
Clamped hose adaptor



螺纹皮管接头
Threading hose adaptor



特小皮管接头
Mini hose adaptor



软管卡箍
Hose clamp



快装接头
CNC ferrule



内丝
Coupling



快装接头整套
Clamp union



快装螺纹接头
Threading ferrule



闷盖
End cap



重型闷盖
heavy end cap



变径螺纹接头
Reducing threading ferrule



六角管支架
Hex pipe holder with pipe



管支架带蓝色垫
Pipe holder with blue sleeve



高压六角管支架
Heavy hex pipe holder



六角管支架不带管
Hex pipe holder

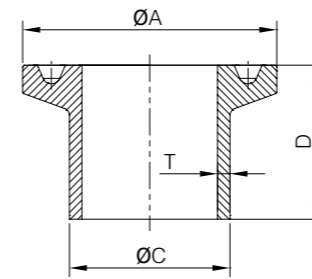


内螺纹管支架
Female pipe holder



通用管支架
Round pipe holder

夹式接头

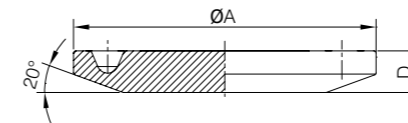


Clamped ferrule

DN JN-FL 1001

Size	A	C	D	T
DN15	34.0	18.0	18.0	1.5
DN20	34.0	22.0	18.0	1.5
DN25	50.5	28.0	21.5	1.5
DN32	50.5	34.0	21.5	1.5
DN40	50.5	40.0	21.5	1.5
DN50	64.0	52.0	21.5	1.5
DN65	91.0	70.0	28.0	2.0
DN80	106.0	85.0	28.0	2.0
DN100	119.0	104.0	28.0	2.0
DN125	145.0	129.0	28.0	2.0
DN150	167.0	154.0	28.0	2.0

盲板

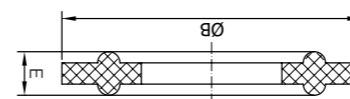


Blank

DN JN-FL 1002

Size	A	D
DN15	34.0	5.0
DN20	34.0	5.0
DN25	50.5	6.3
DN32	50.5	6.3
DN40	50.5	6.3
DN50	64.0	6.3
DN65	91.0	6.3
DN80	106.0	6.4
DN100	119.0	7.9
DN125	145.0	10.5
DN150	167.0	10.5

卡箍垫圈

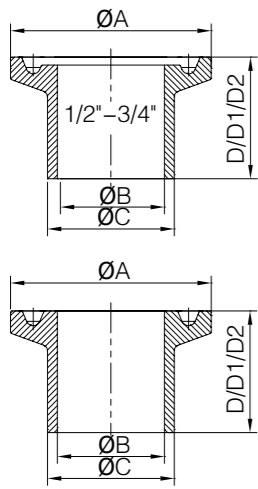


Gasket for Ferrule

DN JN-FL 1003

Size	E	B
DN15	5.0	34.0
DN20	5.0	34.0
DN25	5.0	50.5
DN32	5.5	50.5
DN40	5.5	50.5
DN50	5.5	64.0
DN65	5.5	91.0
DN80	5.5	106.0
DN100	5.5	119.0
DN125	5.5	145.0
DN150	5.5	167.0

夹式接头
3A-14WMP/14MMP/14AMP

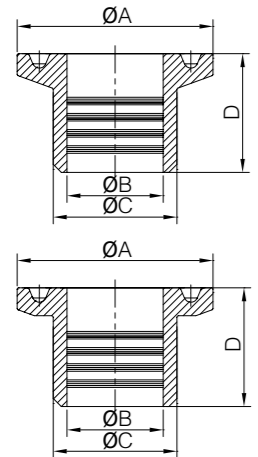


Clamped Ferrule

3A JN-FL 2001

Size	A	B	C	D	D1	D2
1/2"	25.2	9.4	12.7	12.7	21.5	28.6
3/4"	25.2	15.75	19.05	12.7	21.5	28.6
1"	50.5	22.1	25.4	12.7	21.5	28.6
1 1/4"	50.5	28.5	31.8	12.7	21.5	28.6
1 1/2"	50.5	34.8	38.1	12.7	21.5	28.6
2"	64.0	47.5	50.8	12.7	21.5	28.6
2 1/2"	77.5	60.2	63.5	12.7	21.5	28.6
3"	91.0	72.9	76.2	12.7	21.5	28.6
4"	119.0	97.4	101.6	15.9	21.5	28.6
6"	166.8	146.8	152.4		21.5	38.1
8"	217.7	197.6	203.2		21.5	38.1
10"	268.5	248.4	254		21.5	38.1
12"	319.3	299.2	304.8		21.5	38.1

扩管式接头

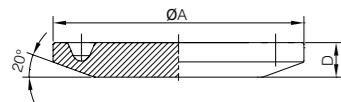


Expanding Clamped Ferrule

3A JN-FL 2002

Size	A	B	C	D
1"	50.5	25.5	29.5	19.1
1.5"	50.5	38.2	42.6	28.6
2"	64	50.9	55.7	33.3
2.5"	77.5	63.6	68.8	34.9
3"	91	76.3	81.9	36.5
4"	119	101.7	108.1	38.1
40mm	50.5	40.2	43.8	28.6

盲板 3A-16AMP

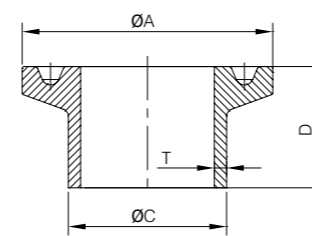


Blank

3A JN-FL 2003

Size	A	D
1/2"-3/4"	25.2	5.0
A37	34.0	6.3
1-1.5"	50.5	6.3
2"	64.0	6.3
2.5"	77.5	6.3
3"	91.0	6.3
4"	119.0	7.9
6"	166.8	11.1
8"	217.7	11.1
10"	268.5	11.1
12"	319.3	11.1

短型夹式接头

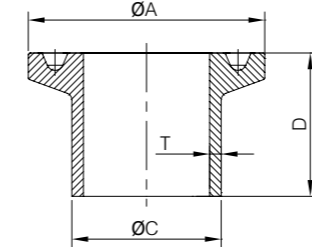


Short-type Clamped Ferrule

SMS JN-FL 3001

Size	A	C	D	T
25	50.5	25.4	12.7	1.5
32	50.5	31.8	12.7	1.5
38	50.5	38.1	12.7	1.5
51	64.0	50.8	12.7	1.5
63	77.5	63.5	12.7	2.0
76	91.0	76.2	12.7	2.0
89	106.0	88.9	12.7	2.0
102	119.0	101.6	15.9	2.0

夹式接头

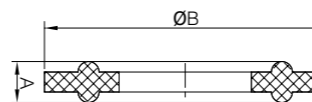


Clamped Ferrule

SMS JN-FL 3002

Size	A	C	D	T
19	25.2	19.05	21.0	1.5
25	50.5	25.4	21.0	1.5
32	50.5	31.8	21.0	1.5
38	50.5	38.1	21.0	1.5
51	64.0	50.8	21.0	2.0
63	77.5	63.5	21.0	2.0
76	91.0	76.2	21.0	2.0
89	106.0	88.9	21.0	2.0
102	119.0	101.6	21.0	2.0

卡箍垫圈

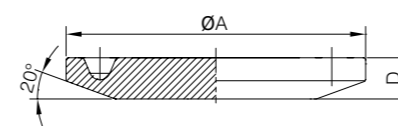


Gasket for Ferrule

SMS JN-FL 3003

Size	A	B
25	5.0	50.5
32	5.0	50.5
38	5.0	50.5
51	5.5	64.0
63	5.5	77.5
76	5.5	91.0
102	5.5	119.0

盲板

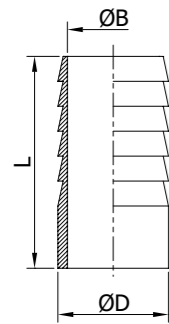


Blank

SMS JN-FL 3004

Size	A	D
12.7~19	25.2	5.0
37	34.0	6.4
25~38	50.5	6.4
51	64.0	6.4
63	77.5	6.4
76	91.0	6.4
102	119.0	8.0
152.4	166.8	11.0
203	217.7	11.0
254	268.5	11.0
305	319.3	11.0

焊接式软管接头

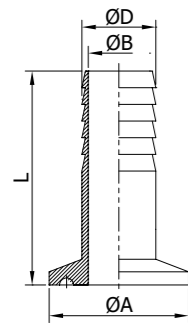


Welded hose coupling

SMS JN-FL 3005

Size	B	D	L
12.7	9.0	12.7	45.0
19	15.0	19.0	45.0
25	21.4	25.4	60.0
32	27.8	31.8	60.0
38	34.0	38.1	60.0
51	47.0	50.8	60.0
63	59.5	63.5	70.0
76	72.2	76.2	80.0
102	97.6	101.6	80.0

夹式软管接头

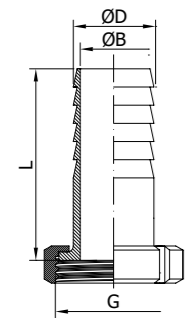


Clamped hose coupling

SMS JN-FL 3006

Size	A	B	D	L
12.7	25.2	9.0	12.7	66.0
19	25.2	15.0	19.0	66.0
25	50.5	21.4	25.4	81.0
32	50.5	27.8	31.8	81.0
38	50.5	34.0	38.1	81.0
51	64.0	47.0	50.8	81.0
63	77.5	59.5	63.5	91.0
76	91.0	72.2	76.2	101.0
102	119.0	97.6	101.6	101.0

由任式软管接头

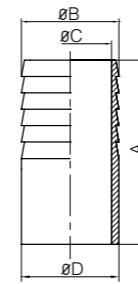


Union hose coupling

SMS JN-FL 3007

Size	B	D	G	L
25	21.4	25.4	RD40x1/6	69.0
32	27.8	31.8	RD48x1/6	70.0
38	34.0	38.1	RD60x1/6	70.0
51	47.0	50.8	RD70x1/6	70.0
63	59.5	63.5	RD85x1/6	81.0
76	72.2	76.2	RD98x1/6	92.0
102	97.6	101.6	RD125x1/4	93.0

焊接式软管接头 (DIN 11864)

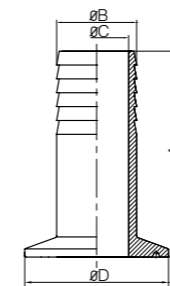


Welded Hose Nipple (DIN 11864)

DN JN-FL 4001

Size	A	B	C	D
DN15	50	19.5	16	19
DN20	48	23.5	20	23
DN25	58	30.0	26	29
DN32	68	35.5	32	35
DN40	78	43.0	38	41
DN50	88	55.0	50	53
DN65	97	73.0	66	70
DN80	107	89.0	81	85
DN100	116	108.0	100	104

快装式软管接头 (DIN 11864)

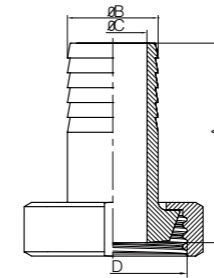


Clamp Hose Nipple (DIN 11864)

DN JN-FL 4002

Size	A	B	C	D
DN15	68	19.5	16	34
DN20	66	23.5	20	50.5
DN25	79.5	30.0	26	50.5
DN32	89.5	35.5	32	50.5
DN40	99.5	43.0	38	50.5
DN50	109.5	55.0	50	64
DN65	125	73.0	66	91
DN80	135	89.0	81	106
DN100	144	108.0	100	119

由任式软管接头 (DIN 11864)

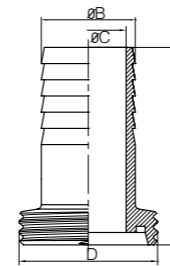


Union-type Hose Coupling (DIN 11864)

DN JN-FL 4003

Size	A	B	C	D
DN15	63	19.5	16	RD34 × 1/8
DN20	63	23.5	20	RD44 × 1/6
DN25	75	30.0	26	RD52 × 1/6
DN32	85	35.5	32	RD58 × 1/6
DN40	95	43.0	38	RD65 × 1/6
DN50	106	55.0	50	RD78 × 1/6
DN65	117	73.0	66	RD95 × 1/6
DN80	127	89.0	81	RD110 × 1/4
DN100	140	108.0	100	RD130 × 1/4

螺纹式软管接头 (DIN 11864)

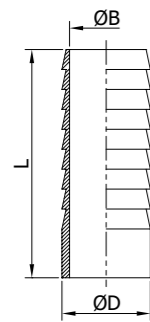


Male Hose Nipple (DIN 11864)

DN JN-FL 4004

Size	A	B	C	D
DN15	67	19.5	16	RD34 × 1/8
DN20	69	23.5	20	RD44 × 1/6
DN25	82	30.0	26	RD52 × 1/6
DN32	92	35.5	32	RD58 × 1/6
DN40	102	43.0	38	RD65 × 1/6
DN50	113	55.0	50	RD78 × 1/6
DN65	125	73.0	66	RD95 × 1/6
DN80	135	89.0	81	RD110 × 1/4
DN100	150	108.0	100	RD130 × 1/4

焊接式软管接头

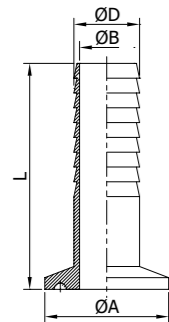


Welded Hose Nipple

3A JN-FL 5001

Size	B	D	L
1/2"	9.0	12.7	38.1
3/4"	15.0	19.0	38.1
1"	21.4	25.4	101.6
1 1/4"	27.8	31.8	101.6
1 1/2"	34.0	38.1	101.6
2"	47.0	50.8	101.6
2 1/2"	59.5	63.5	101.6
3"	72.2	76.2	101.6
4"	97.6	101.6	98.4

夹式软管接头

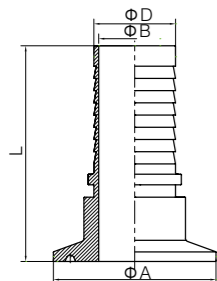


Clamped Hose Coupling

3A JN-FL 5002

Size	A	B	D	L
1/2"	25.2	9.0	12.7	50.8
3/4"	25.2	15.0	19.0	50.8
1"	50.5	21.4	25.4	114.3
1 1/4"	50.5	27.8	31.8	114.3
1 1/2"	50.5	34.0	38.1	114.3
2"	64.0	47.0	50.8	114.3
2 1/2"	77.5	59.5	63.5	114.3
3"	91.0	72.2	76.2	114.3
4"	119.0	97.6	101.6	114.3

夹式高压软管接头

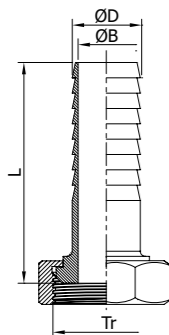


Clamped High Pressure Hose Nipple

3A JN-FL 5003

Size	A	B	D	L
1/2"	25.4	9.6	12.7	50.75
3/4"	25.4	14.05	19.05	55.35
1"	50.5	18.6	25.4	67.25
1 1/2"	50.5	31.4	38.1	89.45
2"	64.0	43.9	50.8	103.9
2 1/2"	77.5	55.6	63.5	110.7
3"	91.0	66.6	76.2	121.25
4"	119.0	91.8	101.6	117.5

由任式软管接头

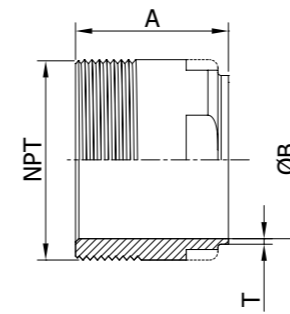


Union-type Hose Coupling

3A JN-FL 5004

Size	B	D	Tr	L
1"	21.4	25.4	38.02x1/8 TACME	119.9
1 1/2"	34.0	38.1	51.54x1/8 TACME	119.9
2"	47.0	50.8	65.05x1/8 TACME	120.7
2 1/2"	59.5	63.5	78.56x1/8 TACME	123.9
3"	72.2	76.2	92.08x1/8 TACME	124.7
4"	97.6	101.6	120.14x1/6 TACME	124.6

19WBF NPT 外螺纹焊接式接头

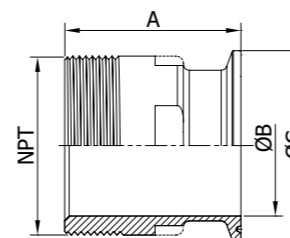


NPT Male welded Adapter

JN-FL 6001

Size	A	B	T	NPT
1/2"	41.3	9.4	1.65	NPT1/2×14
3/4"	41.3	15.8	1.65	NPT3/4×14
1"	44.5	22.1	1.65	NPT1×11.5
1 1/4"	44.5	28.5	1.65	NPT1 1/4×11.5
1 1/2"	44.5	34.8	1.65	NPT1 1/2×11.5
2"	46.0	47.5	1.65	NPT2×11.5
2 1/2"	58.7	60.2	1.65	NPT2 1/2×8
3"	63.5	72.9	1.65	NPT3×8
4"	65.1	97.4	2.1	NPT4×8

19-14MP NPT 外螺纹快装式接头

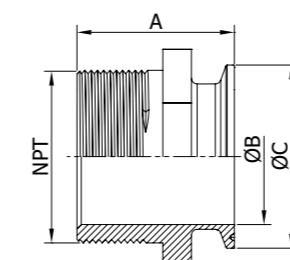


NPT Male Clamped Adapter

JN-FL 6002

Size	A	B	C	NPT
1/2"	54.0	9.4	25.1	NPT1/2×14
3/4"	54.0	15.8	25.1	NPT3/4×14
1"	57.2	22.1	50.4	NPT1×11.5
1 1/4"	57.2	28.5	50.4	NPT1 1/4×11.5
1 1/2"	57.2	34.8	50.4	NPT1 1/2×11.5
2"	58.7	47.5	63.9	NPT2×11.5
2 1/2"	71.4	60.2	77.4	NPT2 1/2×8
3"	76.2	72.9	90.9	NPT3×8
4"	81.0	97.4	118.9	NPT4×8

21MP NPT 外螺纹外六角快装式接头

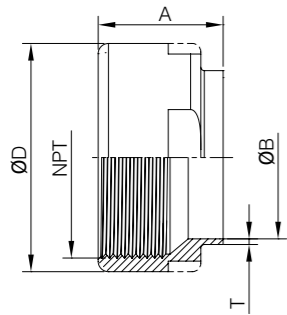


NPT Male Hexagon Clamped Adapter

JN-FL 6003

Size	A	B	C	NPT
1/2"	40.0	9.4	25.1	NPT1/2×14
3/4"	40.0	15.8	25.1	NPT3/4×14
1"	45.0	22.1	50.4	NPT1×11.5
1 1/4"	50.0	28.5	50.4	NPT1 1/4×11.5
1 1/2"	50.0	34.8	50.4	NPT1 1/2×11.5
2"	55.0	47.5	63.9	NPT2×11.5
2 1/2"	60.0	60.2	77.4	NPT2 1/2×8
3"	70.0	72.9	90.9	NPT3×8
4"	75.0	97.4	118.9	NPT4×8

22WBF NPT 内螺纹焊接式接头

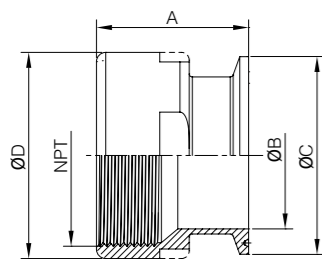


NPT Female Welded Adapter

JN-FL 6004

Size	A	B	T	NPT	D
1/2"	28.6	9.4	1.65	NPT1/2×14	30.0
3/4"	28.6	15.8	1.65	NPT3/4×14	33.3
1"	28.6	22.1	1.65	NPT1×11.5	41.3
1 1/4"	36.5	28.5	1.65	NPT1 1/4×11.5	47.6
1 1/2"	36.5	34.8	1.65	NPT1 1/2×11.5	55.0
2"	36.5	47.5	1.65	NPT2×11.5	73.0
2 1/2"	41.3	60.2	1.65	NPT2 1/2×8	79.0
3"	46.0	72.9	1.65	NPT3×8	100.0
4"	50.8	97.4	2.1	NPT4×8	125.0

22-14MP NPT 内螺纹快装式接头

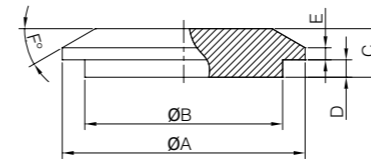


NPT Female Clamped Adapter

JN-FL 6005

Size	A	B	C	NPT	D
1/2"	41.3	9.4	25.1	NPT1/2×14	30.0
3/4"	41.3	15.8	25.1	NPT3/4×14	33.3
1"	41.3	22.1	50.4	NPT1×11.5	41.3
1 1/4"	49.2	28.5	50.4	NPT1 1/4×11.5	47.6
1 1/2"	49.2	34.8	50.4	NPT1 1/2×11.5	55.0
2"	49.2	47.5	63.9	NPT2×11.5	73.0
2 1/2"	49.2	60.2	77.4	NPT2 1/2×8	79.0
3"	49.2	72.9	90.9	NPT3×8	100.0
4"	49.2	97.4	118.9	NPT4×8	125.0

16AI-14WI (公) 重型堵头

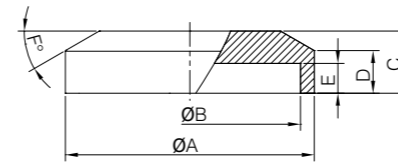


Male Solid End Cap

JN-FL 7001

Size	A	B	C	D	E	F
1"	50.42	31.75	12.70	4.95	2.67	37°
1 1/2"	50.42	44.20	12.70	4.95	2.67	37°
2"	67.06	56.90	14.27	6.48	2.33	37°
2 1/2"	84.00	69.60	19.05	7.87	3.20	37°
3"	98.30	83.82	17.78	7.87	3.20	37°
4"	123.70	109.14	19.05	7.87	3.20	37°
6"	190.37	173.48	22.35	4.72	3.20	30°
8"	241.17	224.28	22.35	4.72	3.20	30°

16AI-15WI (母) 重型堵头

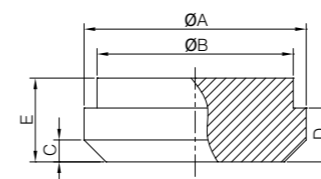


Female Solid End Cap

JN-FL 7002

Size	A	B	C	D	E	F
1"	50.42	32.13	12.70	8.0	6.32	37°
1 1/2"	50.42	44.58	12.70	8.0	6.32	37°
2"	67.06	57.28	14.27	11.61	7.85	37°
2 1/2"	84.00	69.98	19.05	11.13	9.25	37°
3"	98.30	84.20	17.78	11.13	9.25	37°
4"	123.70	109.60	19.05	11.13	9.25	37°
6"	190.37	175.74	22.35	11.13	6.10	30°
8"	241.17	226.54	22.35	11.13	6.10	30°

堵头 (3A-16A)

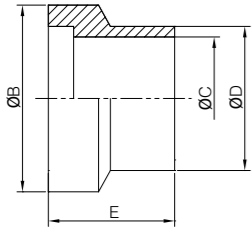


End Cap

JN-FL 7003

Size	A	B	C	D	E
1"	33.4	29.5	3.3	8.1	12.6
1.5"	46.8	42.6	4.0	8.7	14.3
2"	60.5	55.7	4.0	10.4	16.0
2.5"	73.9	68.8	4.8	11.9	18.2
3"	87.5	81.9	4.8	11.9	18.3
4"	114.5	108.1	6.3	14.2	20.6

15WI/15WIL 重型卡盘

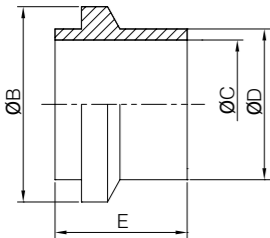


Heavy-type Ferrule

JN-FL 7004

Size	B	C	D	E	
				15WI	15WIL
1"	50.67	22.1	25.65	19.84	44.5
1 1/2"	50.67	34.8	38.35	23.8	46.7
2"	67.06	47.5	51.05	26.19	58.9
2 1/2"	84.0	60.2	63.75	29.36	63.4
3"	98.3	72.9	76.45	30.94	68.2
4"	123.7	97.38	101.85	34.11	76.2

14WI/14WIL 重型卡盘

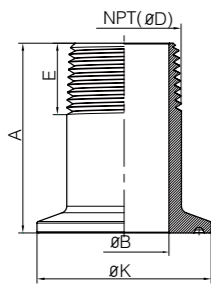


Heavy-type Ferrule

JN-FL 7005

Size	B	C	D	E	
				14WI	14WIL
1"	50.67	22.1	25.65	19.84	44.5
1 1/2"	50.67	34.8	38.35	23.8	46.7
2"	67.06	47.5	51.05	26.19	58.9
2 1/2"	84.0	60.2	63.75	29.36	63.4
3"	98.3	72.9	76.45	30.94	68.2
4"	123.7	97.38	101.85	34.11	76.2

NPT 外螺纹 快装接头

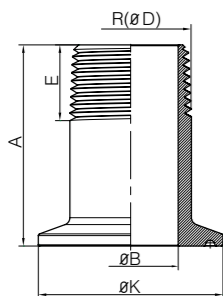


NPT Male Clamped Nipple

JN-FL 7006

Size	A	B	NPT(ΦD)	K	E
1.5"X3/4"	54.0	19.5	NPT3/4-14(Φ26.58)	50.5	14.5
1.5"X1"	57.2	26.5	NPT1-11.5(Φ33.24)	50.5	17
2"X1.5"	57.2	41	NPT1 1/2-11.5(Φ48.07)	64	17.5
2.5"X2"	58.7	52	NPT2-11.5(Φ60.11)	77.5	18
3"X2.5"	71.4	62	NPT2 1/2-8(Φ72.71)	91	24
3.5"X3"	76.2	78	NPT3-8(Φ88.62)	106	26.0
4.5"X4"	81.0	104	NPT4-8(Φ113.99)	130	28

R 外螺纹 快装接头

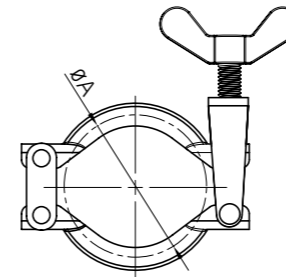


R Male Clamped Nipple

JN-FL 7007

Size	A	B	R(ΦD)	K	E
1.5"X3/4"	50	19.5	R3/4-14(Φ26.44)	50.5	14.5
1.5"X1"	55	26.5	R1-11(Φ33.24)	50.5	16.8
2"X1.5"	60	41	R1 1/2-11(Φ47.8)	64	19.1
2.5"X2"	60	52	R2-11(Φ59.6)	77.5	23.4
3"X2.5"	71.4	68	R2 1/2-11(Φ75.18)	91	26.7
3.5"X3"	76.2	80	R3-11(Φ87.88)	106	29.8
4.5"X4"	81.0	106	R4-11(Φ113.03)	130	35.8

冲压卡箍

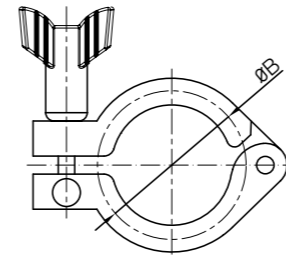


Pressed Clamp

JN-CL 1001

Size	A
DN20	58.5
DN25	58.5
DN32	58.5
DN40	58.5
DN50	72.0
DN65	99.0
DN100	127.0

DIN 卡箍

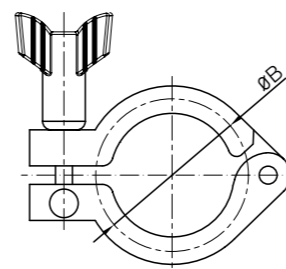


DIN Clamp

JN-CL 1002

Size	B
DN10	37.0
DN15	37.0
DN20	37.0
DN25	53.0
DN32	53.0
DN40	53.0
DN50	67.0
DN65	94.0
DN80	109.0
DN100	122.0

SMS/ISO 卡箍

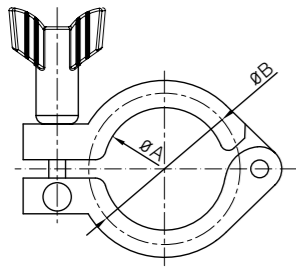


SMS/ISO Clamp

JN-CL 1003

Size	B
1/2"	28.0
3/4"	28.0
1"	53.9
1 1/2"	53.9
2"	67.4
2 1/2"	80.9
3"	94.4
4"	122.4
6"	170.4
8"	221.2
10"	270.2

3A 卡箍 (13MHHM)

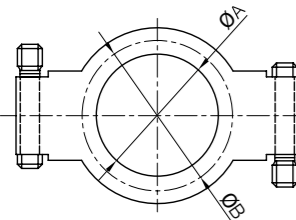


3A Clamp (13MHHM)

Size	A	B
A37	27.8	37.0
1-1/2"	44.4	53.9
2"	57.8	67.4
2 1/2"	71.4	80.9
3"	84.0	94.4
3 1/2"	99.0	109.2
4"	110.0	122.4
4 1/2"	123.0	132.5
5"	129.0	147.8
6"	155.4	170.4
8"	205.0	221.2
10"	309.0	270.0

JN-CL 1004

高压卡箍 (13MHP)

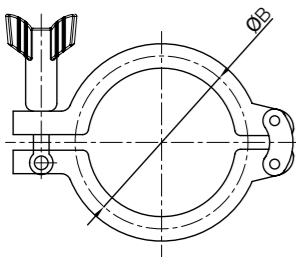


High Pressure Clamp

Size	A	B
1.5"	43.32	52.0
2"	56.44	65.5
2.5"	69.54	79.0
3"	77.56	92.5
4"	108.86	120.5
6"	158.0	170.0
8"	225.0	237.5
10"	258.2	272.8
12"	309.0	327.6

JN-CL 1005

双销卡箍 (13MHHM-DP)

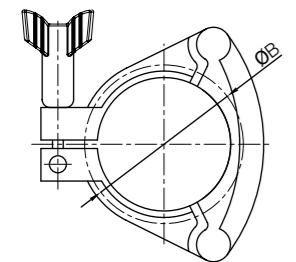


Double-pin Clamp

Size	B
1"	53.9
1.5"	53.9
2"	67.4
2.5"	80.9
3"	94.4
4"	122.4
4.5"	132.5
5"	147.8
6"	170.4
8"	221.2
10"	270.0

JN-CL 1006

三节卡箍 (13MHHM-3P)

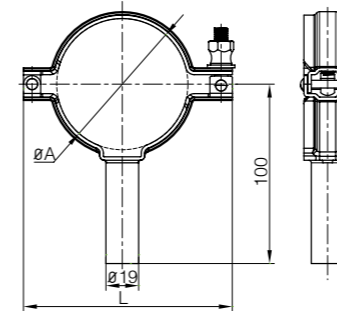


Three-piece Clamp

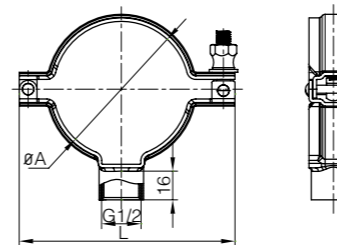
Size	B
1"	53.9
1 1/2"	53.9
2"	67.4
2 1/2"	80.9
3"	94.4
4"	122.4

JN-CL 1007

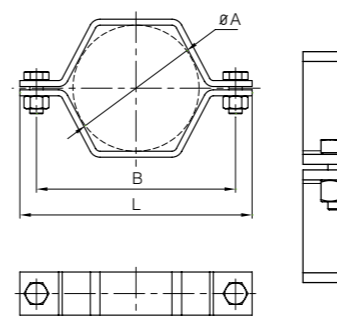
管支架 (TH1H 焊接)



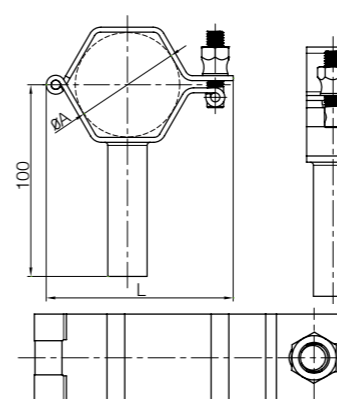
管支架 (TH1M 内螺纹)



管支架 (TH2)



管支架 (TH3)



Pipe Holder(Welded)

Size	A	L
1"	25.4	66
1 1/2"	38.1	79
2"	50.8	90
2 1/2"	63.5	105
3"	76.3	120
4"	101.6	146

JN-PL 1001

Pipe Holder(Female)

Size	A	L
1"	25.4	66
1 1/2"	38.1	79
2"	50.8	90
2 1/2"	63.5	105
3"	76.3	120
4"	101.6	146

JN-PL 1002

Pipe Holder

Size	A	B	L
ISO21.3	21.3	48	68
ISO26.9	26.6	55	74
ISO33.7	33.7	63	82
ISO42.4	42.4	74	93
ISO48.3	48.3	82	101
ISO60.3	60.3	95	114
ISO88.9	88.9	130	149
ISO114.3	114.3	158	177

JN-PL 1003

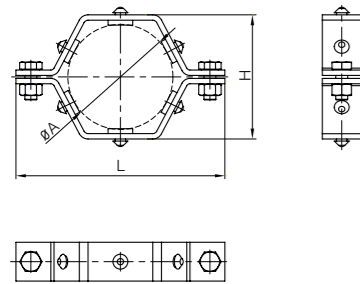
Pipe Holder

Size	A	L
DIN28	28	64
DIN34	34	64
DIN40	40	78
DIN52	52	90
DIN70	70	111
DIN85	85	125
DIN101.6	101.6	152

JN-PL 1004

Size	A	L
SMS25	25	61
SMS38	38	76
SMS51	51	90
SMS63.5	63.5	106
SMS76	76	120
SMS104	104	152

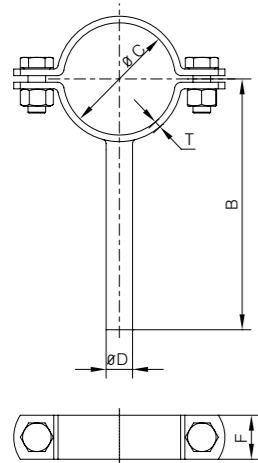
管支架 (TH4)



Pipe Holder **JN-PL 1005**

Size	A	H	L
1"	25.4	42.4	86.6
1 1/2"	38.1	55.1	79
2"	50.8	67.8	92
2 1/2"	63.5	80.5	127.6
3"	76.2	93.2	142
4"	104	122	175
6"	152.4	174	255

管支架 (TH5)



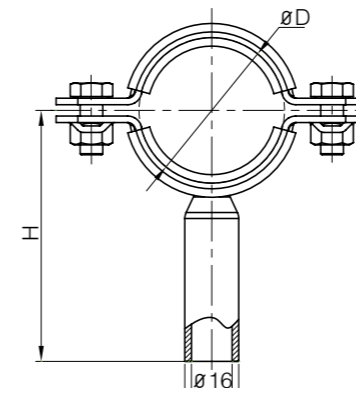
Pipe Holder **JN-PL 1006**

Size	B	D	C	F	T
DN10	63	8	12	14	2.0
DN15	66	8	18	14	2.0
DN20	68	8	22	16	2.0
DN25	71	10	28	16	2.0
DN32	74	10	34	16	2.0
DN40	77	10	40	20	2.0
DN50	83	12	52	20	2.0
DN65	92.5	12	70	20	2.5
DN80	100	12	85	25	2.5
DN100	110	12	104	25	3.0
DN125	140	16	129	25	3.0
DN150	152.5	16	154	30	3.0

Size	B	D	C	F	T
ISO 32(1 1/4")	78	10	42.4	16	2.0
ISO 40(1 1/2")	81.5	12	48.3	20	2.0
ISO 50(2")	88	12	60.3	20	2.5
ISO 80(3")	102	12	88.9	25	2.5
ISO 100(4")	115	12	114.3	25	3.0
ISO 125(5")	145	16	139.7	25	3.0
ISO 150(6")	160	16	168.3	30	3.0
ISO 200(8")	186	20	219.1	30	4.0

Size	B	D	C	F	T
SMS25.4	69.5	10	25	16	2.0
SMS38.1	76	10	38	20	2.0
SMS50.8	82.5	12	51	20	2.0
SMS63.5	89.5	12	63.5	20	2.5
SMS76.2	95.5	12	76	25	2.5
SMS101.6	109	16	101.6	25	3.0

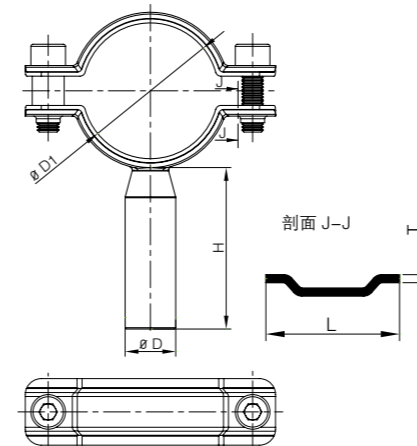
管支架 (TH6)



Pipe Holder **JN-PL 1007**

Size	D	H
1/2"	12.7	90
3/4"	19.1	90
1"	25.4	90
1 1/2"	38.1	90
2"	50.8	90
2 1/2"	63.5	90
3"	76.2	90
4"	101.6	90
5"	129	117.5
6"	154	130
8"	204	155
10"	254	180
12"	304	205

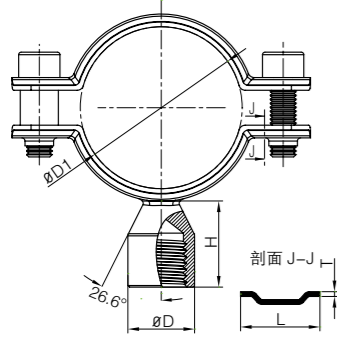
管支架 (TH7H 焊接)



Pipe Holder (Welded) **JN-PL 1008**

Size	D	D1	L	H	T
1/4"	8	6.2	12	47	1.5
1/2"	8	12.5	12	47	1.5
3/4"	19	19	25	47	1.5
1"	19	25.4	25	47	1.5
1 1/2"	19	38.1	25	47	1.5
2"	19	50.8	25	47	1.5
2 1/2"	19	63.5	25	47	2
3"	19	76.2	25	47	2
4"	19	101.6	28	47	2
5"	19	129	28	47	2.5
6"	19	154	28	47	2.5
8"	25	204	35	47	3
10"	25	254	35	47	3
12"	25	304	35	47	3

管支架 (TH7M 内螺纹)

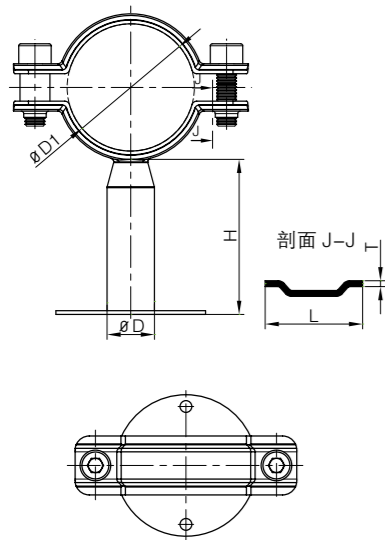


Pipe Holder(TH7M Female)

JN-PL 1009

Size	D	D1	L	H	T
1/4"	8	6.2	12	47	1.5
1/2"	8	12.5	12	47	1.5
3/4"	19	19	25	47	1.5
1"	19	25.4	25	47	1.5
1 1/2"	19	38.1	25	47	1.5
2"	19	50.8	25	47	1.5
2 1/2"	19	63.5	25	47	2
3"	19	76.2	25	47	2
4"	19	101.6	28	47	2
5"	19	129	28	47	2.5
6"	19	154	28	47	2.5
8"	25	204	35	47	3
10"	25	254	35	47	3
12"	25	304	35	47	3

管支架 (TH7P 带垫座)



Pipe Holder (With Plate)

JN-PL 1010

Size	D	D1	L	H	T
1/4"	8	6.2	12	47	1.5
1/2"	8	12.5	12	47	1.5
3/4"	19	19	25	47	1.5
1"	19	25.4	25	47	1.5
1 1/2"	19	38.1	25	47	1.5
2"	19	50.8	25	47	1.5
2 1/2"	19	63.5	25	47	2
3"	19	76.2	25	47	2
4"	19	101.6	28	47	2
5"	19	129	28	47	2.5
6"	19	154	28	47	2.5
8"	25	204	35	47	3
10"	25	254	35	47	3
12"	25	304	35	47	3

Fittings
配件



六角活接头
Hex union



台阶接头
DIN liner



圆形螺母
Round Nut



云头
Male



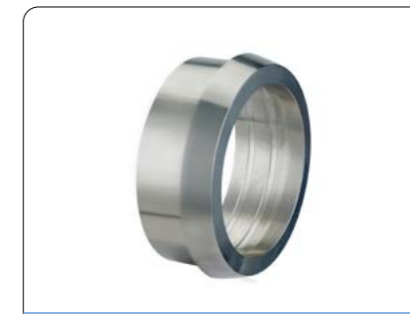
无槽活接头
Union without groove



圆形活接头
SMS union



SMS 接头
liner



膨胀接头
Expanding liner



加长活接头
Long union



云头
Male

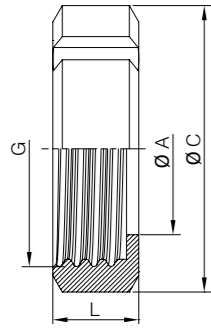


六角螺母
Hex nut



活接头
Unions

由任圆螺母 (DIN11850)

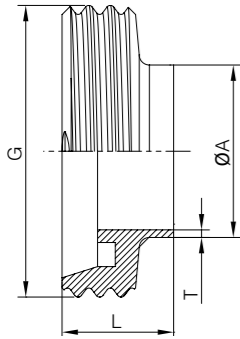


Round Nut

DIN11850 JN-UN 1001

Size	A	C	G	L
DN10	19.0	38.0	RD28X1/8	18.0
DN15	25.0	44.0	RD34X1/8	18.0
DN20	31.0	54.0	RD44X1/6	21.0
DN25	36.0	63.0	RD52X1/6	21.0
DN32	42.0	70.0	RD58X1/6	21.0
DN40	49.0	78.0	RD65X1/6	21.0
DN50	62.0	63.0	RD78X1/6	22.0
DN65	80.0	70.0	RD95X1/6	25.0
DN80	94.0	78.0	RD110X1/4	30.0
DN100	115.0	148.0	RD130X1/4	31.0
DN125	138.0	178.0	RD160X1/4	35.0
DN150	164.0	210.0	RD190X1/4	40.0

螺纹接头 (DIN11850)

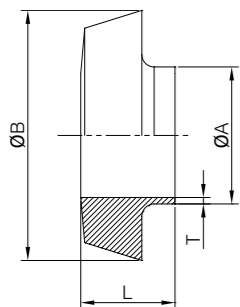


Male

DIN11850 JN-UN 1002

Size	A	G	L	T
DN10	12.0	RD28X1/8	17	1.5
DN15	18.0	RD34X1/8	17	1.5
DN20	22.0	RD44X1/6	20	1.5
DN25	28.0	RD52X1/6	22	1.5
DN32	34.0	RD58X1/6	22	1.5
DN40	40.0	RD65X1/6	22	1.5
DN50	52.0	RD78X1/6	22	1.5
DN65	70.0	RD95X1/6	24	2.0
DN80	85.0	RD110X1/4	28	2.0
DN100	104.0	RD130X1/4	28	2.0
DN125	129.0	RD160X1/4	35	2.0
DN150	154.0	RD190X1/4	40	2.0

平接头 (DIN11850)

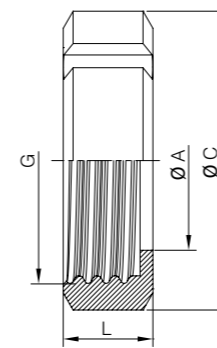


Liner

DIN11850 JN-UN 1003

Size	A	B	L	T
DN10	12.0	22.0	13.0	1.5
DN15	18.0	28.0	13.0	1.5
DN20	22.0	36.0	15.0	1.5
DN25	28.0	44.0	17.0	1.5
DN32	34.0	50.0	17.0	1.5
DN40	40.0	56.0	17.0	1.5
DN50	52.0	68.0	18.0	1.5
DN65	70.0	86.0	20.0	2.0
DN80	85.0	100.0	20.0	2.0
DN100	104.0	121.0	24.0	2.0
DN125	129.0	150.0	28.0	2.0
DN150	154.0	176.0	32.0	2.0

由任圆螺母 (DIN11851)

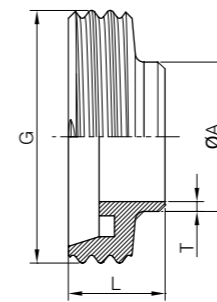


Round Nut

DIN11850 JN-UN 1004

Size	A	C	G	L
DN10	19.0	38.0	RD28X1/8	18.0
DN15	25.0	44.0	RD34X1/8	18.0
DN20	31.0	54.0	RD44X1/6	21.0
DN25	36.0	63.0	RD52X1/6	21.0
DN32	42.0	70.0	RD58X1/6	21.0
DN40	49.0	78.0	RD65X1/6	21.0
DN50	62.0	92.0	RD78X1/6	22.0
DN65	80.0	112.0	RD95X1/6	25.0
DN80	94.0	127.0	RD110X1/4	30.0
DN100	115.0	148.0	RD130X1/4	31.0
DN125	138.0	178.0	RD160X1/4	35.0
DN150	164.0	210.0	RD190X1/4	40.0

长型螺纹接头 (DIN11851)

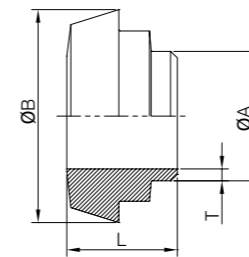


Long-type Male

DIN11850 JN-UN 1005

Size	A	G	L	T
DN10	15.0	RD28X1/8	21.0	2.5
DN15	21.0	RD34X1/8	21.0	2.5
DN20	25.0	RD44X1/6	24.0	2.5
DN25	31.0	RD52X1/6	29.0	2.5
DN32	37.0	RD58X1/6	32.0	2.5
DN40	43.0	RD65X1/6	33.0	2.5
DN50	55.0	RD78X1/6	35.0	2.5
DN65	72.0	RD95X1/6	40.0	3.0
DN80	87.0	RD110X1/4	45.0	3.0
DN100	106.0	RD130X1/4	54.0	3.0
DN125	132.0	RD160X1/4	46.0	3.5
DN150	157.0	RD190X1/4	50.0	3.5

长型平接头 (DIN11851)

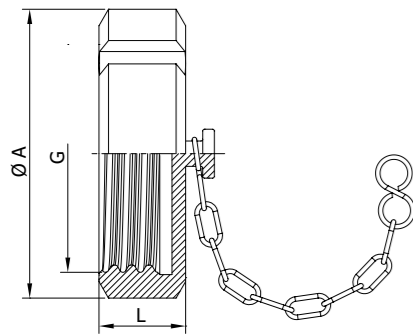


Long-type Liner

DIN11850 JN-UN 1006

Size	A	B	L	T
DN10	15.0	22.0	16.0	2.5
DN15	21.0	28.0	17.0	2.5
DN20	25.0	36.0	18.0	2.5
DN25	31.0	44.0	22.0	2.5
DN32	37.0	50.0	25.0	2.5
DN40	43.0	56.0	26.0	2.5
DN50	55.0	68.0	28.0	2.5
DN65	72.0	86.0	32.0	3.0
DN80	87.0	100.0	37.0	3.0
DN100	106.0	121.0	44.0	3.0
DN125	132.0	150.0	34.0	3.5
DN150	157.0	176.0	37.0	3.5

带链条盲螺母

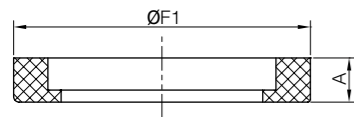


Blind Nut With Chain

DIN11850 JN-UN 1007

Size	A	G	L
DN10	38.0	RD28X1/8	18.0
DN15	44.0	RD34X1/8	18.0
DN20	54.0	RD44X1/6	21.0
DN25	63.0	RD52X1/6	21.0
DN32	70.0	RD58X1/6	21.0
DN40	78.0	RD65X1/6	21.0
DN50	92.0	RD78X1/6	22.0
DN65	112.0	RD95X1/6	25.0
DN80	127.0	RD110X1/4	30.0
DN100	148.0	RD130X1/4	31.0
DN125	178.0	RD160X1/4	35.0
DN150	210.0	RD190X1/4	40.0

由任垫圈

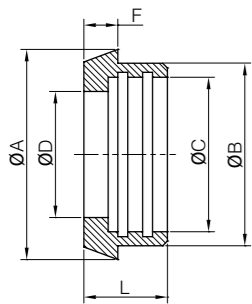


Gasket For Union

DIN11850 JN-UN 1008

Size	A	F1
DN15	5.0	26.0
DN20	5.0	33.0
DN25	5.0	40.0
DN32	5.0	46.0
DN40	5.0	52.0
DN50	5.0	64.0
DN65	5.0	81.0
DN80	6.0	95.0
DN100	6.0	114.0
DN125	7.0	142.0
DN150	7.0	167.0

膨胀型平接头

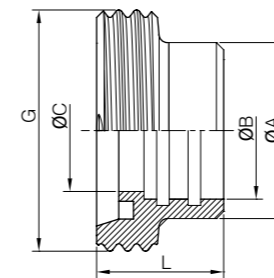


Expanding Liner

DIN11850 JN-UN 1009

Size	A	B	C	D	L	F
DN10	22.0	18.0	12.2	10.0	17.0	6.0
DN15	28.0	24.0	18.2	16.0	17.0	6.0
DN20	36.0	30.0	22.2	20.0	18.0	8.0
DN25	44.0	35.0	28.2	26.0	22.0	10.0
DN32	50.0	41.0	34.2	32.0	25.0	10.0
DN40	56.0	48.0	40.2	38.0	26.0	10.0
DN50	68.0	61.0	52.2	50.0	28.0	11.0
DN65	86.0	79.0	70.3	66.0	32.0	12.0
DN80	100.0	93.0	85.3	81.0	37.0	12.0
DN100	120.0	114.0	104.3	100.0	44.0	15.0
DN125	149.0	137.0	129.3	125.0	34.0	17.0
DN150	175.0	163.0	154.3	150.0	37.0	18.0

膨胀型螺纹接头

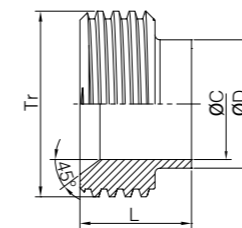


Expanded Male

DIN11850 JN-UN 1010

Size	A	B	C	L	G
DN10	18.0	12.2	10.0	21.0	RD28X1/8
DN15	24.0	18.2	16.0	21.0	RD34X1/8
DN20	30.0	22.2	20.0	24.0	RD44X1/6
DN25	35.0	28.2	26.0	29.0	RD52X1/6
DN32	41.0	34.2	32.0	32.0	RD58X1/6
DN40	48.0	40.2	38.0	33.0	RD65X1/6
DN50	61.0	52.2	50.0	35.0	RD78X1/6
DN65	79.0	70.3	66.0	40.0	RD95X1/6
DN80	93.0	85.3	81.0	45.0	RD110X1/4
DN100	114.0	104.3	100.0	54.0	RD130X1/4
DN125	137.0	129.3	125.0	46.0	RD160X1/4
DN150	163.0	154.3	150.0	50.0	RD190X1/4

螺纹接头

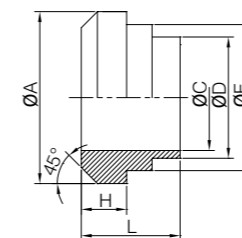


Male

3A JN-UN 2001

Size	C	D	Tr	L	
				15TRF	15A
1"	22.1	25.4	37.13X1/8 TACME	18.3	34.9
1.5"	34.8	38.1	50.65X1/8 TACME	18.3	38.1
2"	47.5	50.8	64.17X1/8 TACME	19.1	38.1
2.5"	60.2	63.5	77.67X1/8 TACME	22.2	44.5
3"	72.9	76.2	91.19X1/8 TACME	23.1	44.5
4"	97.4	101.6	119.25X1/6 TACME	26.2	44.5

平接头 14PRF/14A

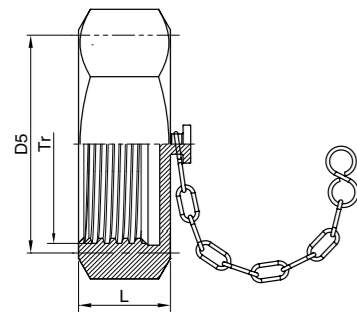


Liner 14PRF/14A

3A JN-UN 2002

Size	A	C	D	F	H	L	
						14TRF	14A
1"	33.3	22.1	25.4	29.5	7.9	18.3	34.9
1 1/2"	46.8	34.8	38.1	42.6	8.7	18.3	38.1
2"	60.3	47.5	50.8	55.7	10.3	19.1	38.1
2 1/2"	73.8	60.2	63.5	68.8	11.1	22.3	44.5
3"	87.3	72.9	76.2	81.9	11.9	23.1	44.5
4"	114.3	97.4	101.6	108.1	14.3	26.2	44.5

3A-13H 盲螺母

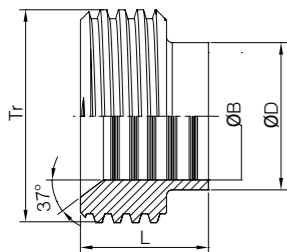


Blind Nut

3A JN-UN 2003

Size	D5	Tr	L
1"	46.0	38.02X1/8 TACME	23.0
1 1/2"	61.1	51.54X1/8 TACME	24.6
2"	76.2	65.05X1/8 TACME	27.0
2 1/2"	91.3	78.56X1/8 TACME	30.15
3"	106.4	92.08X1/8 TACME	32.5
4"	137.6	120.14X1/6TACME	38.1

15R 扩管式外螺纹接头

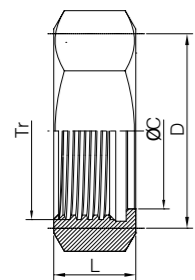


Expanding Male

3A JN-UN 2004

Size	Tr	B	D	L
1"	37.13X1/8 TACME	25.5	29.5	20.6
1.5"	50.65X1/8 TACME	38.2	42.6	28.6
2"	64.17X1/8 TACME	50.9	55.7	34.9
2.5"	77.67X1/8 TACME	63.6	68.8	38.1
3"	91.19X1/8 TACME	76.3	81.9	41.3
4"	119.25X1/6 TACME	101.7	108.1	41.3

3A-13H 六角螺母

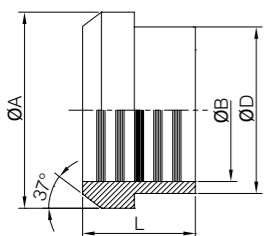


Hexagon Nut

3A JN-UN 2005

Size	C	D	Tr	L
1"	30.3	46.0	38.02X1/8 TACME	23.0
1 1/2"	43.4	61.1	51.54X1/8 TACME	24.6
2"	56.5	76.2	65.05X1/8 TACME	27.0
2 1/2"	69.6	91.3	78.56X1/8 TACME	30.15
3"	82.7	106.4	92.08X1/8 TACME	32.5
4"	108.9	137.6	120.14X1/6TACME	38.1

14R 扩管式平接头

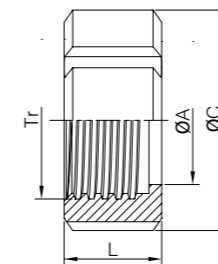


Expanding Liner

3A JN-UN 2006

Size	A	B	D	L
1"	33.3	25.5	29.5	19.1
1.5"	46.8	38.2	42.6	28.6
2"	60.3	50.9	55.7	33.3
2.5"	73.8	63.6	68.8	34.9
3"	87.3	76.3	81.9	36.5
4"	114.3	101.7	108.1	38.1

圆螺母

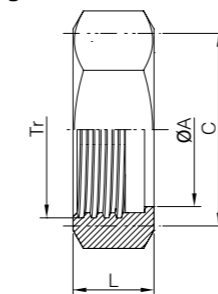


Round Nut

3A JN-UN 2007

Size	A	Tr	C	L
Ø25	30.5	38.02x1/8 TACME	48.0	30.0
Ø38	43.5	51.54x1/8 TACME	64.0	30.0
Ø51	57.0	65.05x1/8 TACME	77.0	30.0
Ø63	70.7	78.56x1/8 TACME	91.0	30.0
Ø76	83.3	92.08x1/8 TACME	106.0	30.0
Ø102	110.0	119.1x1/8 TACME	135.0	30.0

六角螺母

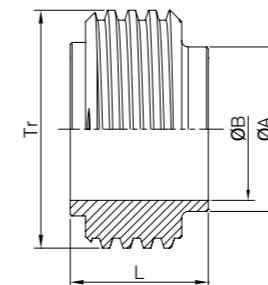


Hexagon Nut

3A JN-UN 2008

Size	A	Tr	C	L
Ø25	30.3	38.02x1/8 TACME	46.0	30.0
Ø38	43.5	51.54x1/8 TACME	61.0	30.0
Ø51	57.0	65.05x1/8 TACME	76.2	30.0
Ø63	70.7	78.56x1/8 TACME	91.3	30.0
Ø76	83.3	92.08x1/8 TACME	106.5	30.0
Ø102	110.0	119.1x1/8 TACME	137.7	30.0

螺纹接头

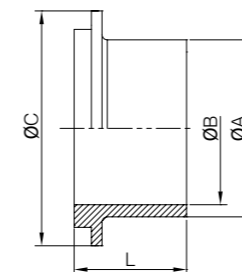


Male

3A JN-UN 2009

Size	A	B	Tr	L
Ø25	25.4	22.4	37.1x1/8 TACME	21.5
Ø38	38.1	35.1	50.6x1/8 TACME	21.5
Ø51	50.8	47.8	64.1x1/8 TACME	21.5
Ø63	63.5	59.5	77.6x1/8 TACME	21.5
Ø76	76.2	72.2	91.1x1/8 TACME	21.5
Ø102	101.6	97.6	118.2x1/8 TACME	21.5

平接头

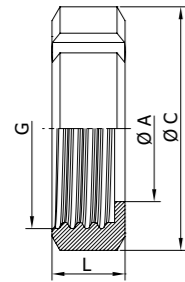


Liner

3A JN-UN 2010

Size	A	B	C	L
Ø25	25.4	22.4	33.8	21.5
Ø38	38.1	35.1	47.0	21.5
Ø51	50.8	47.8	60.5	21.5
Ø63	63.5	59.5	74.0	21.5
Ø76	76.2	72.2	87.5	21.5
Ø102	101.6	97.6	114.1	21.5

圆螺母

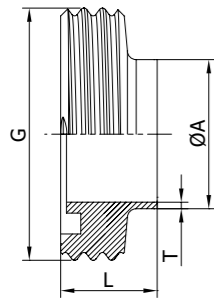


Round Nut

SMS JN-UN 3001

Size	A	C	G	L
25	32.5	51.0	RD40X1/6	19.0
32	40.3	60.0	RD48X1/6	22.0
38	48.5	74.0	RD60X1/6	23.0
51	61.0	84.0	RD70X1/6	24.0
63	74.0	100.0	RD85X1/6	28.0
76	87.0	114.0	RD98X1/6	30.0
89	100	125.0	RD110X1/6	31.0
102(小)	113.0	138.0	RD125X1/4	31.0
102(大)	117.0	150.0	RD132X1/6	31.0

螺纹接头

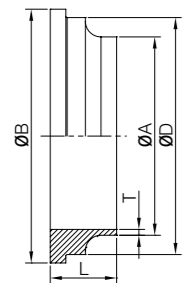


Male

SMS JN-UN 3002

Size	A	G	L	T
25	25.4	RD40X1/6	19.0	1.5
32	31.8	RD48X1/6	23.0	1.5
38	38.1	RD60X1/6	23.0	1.5
51	50.8	RD70X1/6	23.0	1.5
63	63.5	RD85X1/6	27.0	2.0
76	76.2	RD98X1/6	27.0	2.0
89	88.9	RD110X1/6	30.0	2.0
102(小)	101.6	RD125X1/4	30.0	2.0
102(大)	101.6	RD132X1/6	30.0	2.0

台阶型平接头

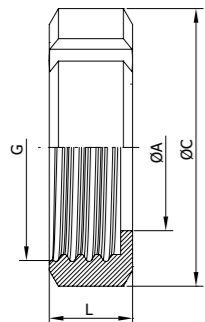


Stepped Liner

SMS JN-UN 3003

Size	A	B	D	L	T
25	25.4	35.5	32.0	15.5	1.5
32	31.8	43.5	40.0	16.0	1.5
38	38.1	55.0	48.2	16.0	1.5
51	50.8	65.0	60.7	17.0	1.5
63	63.5	80.0	73.7	19.0	2.0
76	76.2	93.0	86.7	19.0	2.0
89	88.9	105.8	99.2	19.0	2.0
102(小)	101.6	118.0	112.7	19.0	2.0
102(大)	101.6	127.0	116.2	19.0	2.0

短型圆螺母

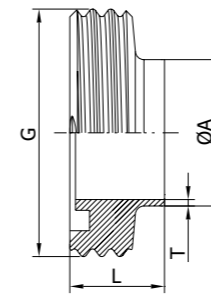


Short-type Round Nut

SMS JN-UN 3004

Size	A	C	G	L
25	32.5	50.0	RD40X1/6	17.0
32	40.3	58.0	RD48X1/6	18.0
38	48.5	72.0	RD60X1/6	21.0
51	61.0	82.0	RD70X1/6	21.0
63	74.0	98.0	RD85X1/6	24.0
76	87.0	112.0	RD98X1/6	26.0
89	100	125.0	RD110X1/6	26.0
102	113.0	138.0	RD125X1/4	28.0

短型螺纹接头

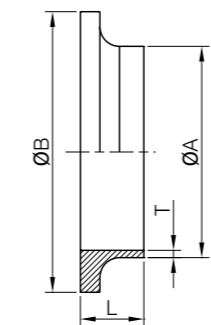


short-type Male

SMS JN-UN 3005

Size	A	G	L	T
25	25.4	RD40X1/6	15.0	1.5
32	31.8	RD48X1/6	16.0	1.5
38	38.1	RD60X1/6	20.0	1.5
51	50.8	RD70X1/6	20.0	1.5
63	63.5	RD85X1/6	22.0	2.0
76	76.2	RD98X1/6	23.0	2.0
89	88.9	RD110X1/6	23.0	2.0
102	101.6	RD125X1/4	26.0	2.0

短型平接头

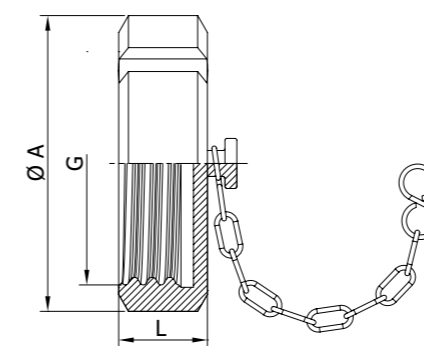


Short-type Liner

SMS JN-UN 3006

Size	A	B	L	T
25	25.4	35.5	9.0	1.5
32	31.8	43.5	10.0	1.5
38	38.1	55.0	10.0	1.5
51	50.8	65.0	10.0	1.5
63	63.5	80.0	11.0	2.0
76	76.2	93.0	12.0	2.0
89	88.9	105.8	13.0	2.0
102	101.6	118.0	13.0	2.0

盲螺母

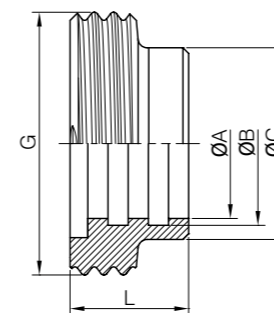


Blind Nuts

SMS JN-UN 3007

Size	A	G	L
25	51.0	RD40X1/6	19.0
32	60.0	RD48X1/6	22.0
38	74.0	RD60X1/6	23.0
51	84.0	RD70X1/6	24.0
63	100.0	RD85X1/6	28.0
76	114.0	RD98X1/6	30.0
89	125.0	RD110X1/6	31.0
102	138.0	RD125X1/4	31.0

膨胀型螺纹接头

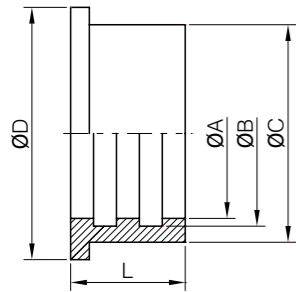


SMS Expanding Male

SMS JN-UN 3008

Size	A	B	C	G	L
25	25.6	26.2	32.0	RD40X1/6	20.0
32	32.0	32.6	40.0	RD48X1/6	20.0
38	38.3	38.9	47.9	RD60X1/6	23.0
51	51.0	51.6	60.4	RD70X1/6	25.0
63	63.7	64.3	73.5	RD85X1/6	30.0
76	76.4	77.2	86.5	RD98X1/6	35.0
102	101.8	102.6	112.5	RD125X1/4	30.0

膨胀型平接头

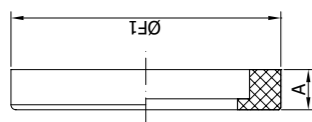


Expanding Liner

SMS JN-UN 3009

Size	A	B	C	D	L
25	25.6	26.2	32.0	35.5	17.0
32	32.0	32.6	40.0	43.5	17.0
38	38.3	38.9	47.9	55.0	20.0
51	51.0	51.6	60.4	65.0	20.0
63	63.7	64.3	73.5	80.0	25.0
76	76.4	77.2	86.5	93.0	30.0
102	101.8	102.6	112.5	118.0	27.0

由任垫圈

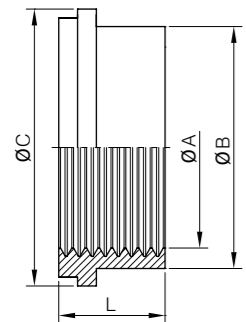


Gasket for Union

SMS JN-UN 3010

Size	A	F1
25	5.5	32.0
32	5.5	40.0
38	5.5	48.0
51	5.5	61.0
63	5.5	73.5
76	5.5	86.0
89	5.5	99.0
102	5.5	114.0

IDF-14R 扩管式平接头

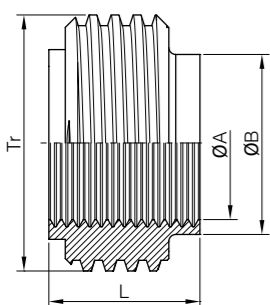


Expanding Liner IDF-14R

IDF JN-UN 4001

Size	A	B	C	L
Ø25	25.5	29.2	33.8	21.5
Ø38	38.2	42.7	47.0	21.5
Ø51	50.9	56.2	60.5	21.5
Ø63	63.6	69.9	74.0	21.5
Ø76	76.3	82.6	87.5	21.5
Ø102	101.7	111.1	114.1	21.5

IDF-15R 扩管式外螺纹接头

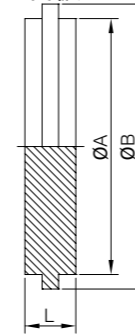


Expanding Male IDF-15R

IDF JN-UN 4002

Size	A	B	Tr	L
Ø25	25.5	29.2	37.13x1/8 TACME	21.5
Ø38	38.2	42.7	50.65x1/8 TACME	21.5
Ø50	50.9	56.2	64.16x1/8 TACME	21.5
Ø63	63.6	69.9	77.67x1/8 TACME	21.5
Ø76	76.3	82.6	91.19x1/8 TACME	21.5
Ø102	101.7	111.1	118.2x1/8 TACME	21.5

IDF-16AMP 盲板

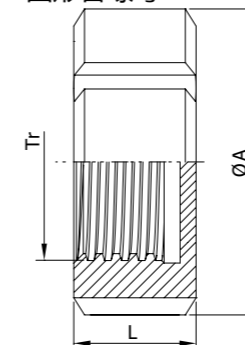


Blanks IDF-16AMP

IDF JN-UN 4003

Size	A	B	L
Ø25	29.2	33.8	10.5
Ø38	42.7	47.0	10.5
Ø51	56.2	60.5	10.5
Ø63	69.9	74.0	10.5
Ø76	82.6	87.5	10.5
Ø102	111.1	114.1	10.5

IDF-13 圆形盲螺母

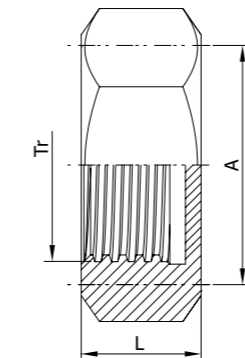


IDF Rounded Blind Nut

IDF JN-UN 4004

Size	A	Tr	L
Ø25	48.0	38.02x1/8 TACME	30.0
Ø38	64.0	51.54x1/8 TACME	30.0
Ø51	77.0	65.05x1/8 TACME	30.0
Ø63	91.0	78.56x1/8 TACME	30.0
Ø76	106.0	92.08x1/8 TACME	30.0
Ø102	135.0	119.1x1/8 TACME	30.0

六角盲螺母

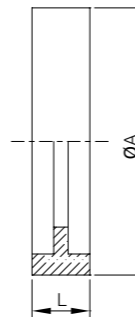


Hexagon Blind Nut

IDF JN-UN 4005

Size	A	Tr	L
Ø25	48.0	38.02x1/8 TACME	30.0
Ø38	64.0	51.54x1/8 TACME	30.0
Ø51	77.0	65.05x1/8 TACME	30.0
Ø63	91.0	78.56x1/8 TACME	30.0
Ø76	106.0	92.08x1/8 TACME	30.0
Ø102	135.0	119.1x1/8 TACME	30.0

由任垫圈

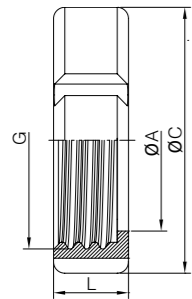


Gasket For Union

IDF JN-UN 4006

Size	A	L
Ø25	32.5	7.0
Ø38	46.0	7.0
Ø51	59.5	7.0
Ø63	73.0	7.0
Ø76	85.5	7.0
Ø102	114.0	7.0

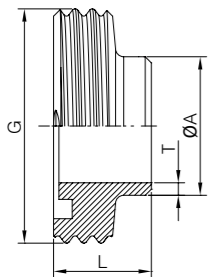
圆螺母



Round Nut **DS JN-UN 5001**

Size	A	C	G	L
1"	35.0	57.0	RD44X1/6	20.0
1 1/2"	48.5	71.0	RD58X1/6	20.0
2"	62.5	86.0	RD72X1/6	22.0
2 1/2"	76.5	103.0	RD88X1/6	24.0
3"	88.5	115.0	RD100X1/6	25.0
4"	117.0	147.0	RD130X1/6	28.0

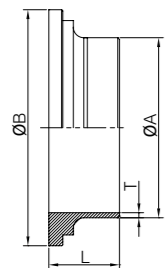
螺纹接头



Male **DS JN-UN 5002**

Size	A	G	L	T
1"	25.4	RD44X1/6	20.0	1.45
1 1/2"	38.4	RD58X1/6	22.0	1.45
2"	51.4	RD72X1/6	24.0	1.45
2 1/2"	63.9	RD88X1/6	26.0	1.7
3"	76.4	RD100X1/6	28.0	2.2
4"	102.0	RD130X1/6	34.0	2.2

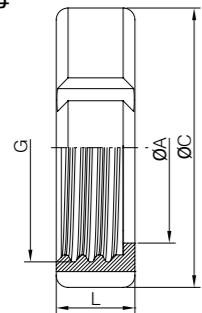
平接头



Liner **DS JN-UN 5003**

Size	A	B	L	T
1"	25.4	39.5	16.0	1.45
1 1/2"	38.4	53.5	18.0	1.45
2"	51.4	67.5	20.0	1.45
2 1/2"	63.9	83.5	22.0	1.7
3"	76.4	95.7	24.0	2.2
4"	102.0	124.0	30.0	2.2

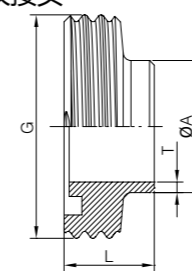
短型圆螺母



Short-type Round Nut **DS JN-UN 5004**

Size	A	C	G	L
1"	35.0	57.0	RD44X1/6	20.0
1 1/2"	48.5	71.0	RD58X1/6	20.0
2"	62.5	86.0	RD72X1/6	22.0
2 1/2"	76.5	103.0	RD88X1/6	24.0
3"	88.5	115.0	RD100X1/6	25.0
4"	117.0	147.0	RD130X1/6	28.0

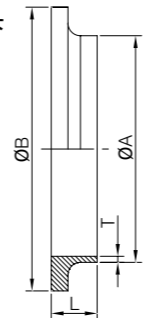
短型螺纹接头



Short-type Threaded Liner **DS JN-UN 5005**

Size	A	G	L	T
1"	25.4	RD44X1/6	18.5	1.45
1 1/2"	38.4	RD58X1/6	20.0	1.45
2"	51.4	RD72X1/6	20.0	1.45
2 1/2"	63.9	RD88X1/6	24.0	1.7
3"	76.4	RD100X1/6	24.0	2.2
4"	102.0	RD130X1/6	24.0	2.2

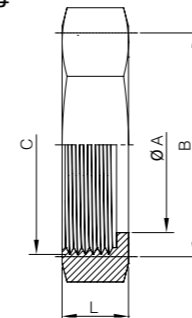
短型平接头



Short-type Liner **DS JN-UN 5006**

Size	A	B	L	T
1"	25.4	39.5	11.0	1.45
1 1/2"	38.4	53.5	11.0	1.45
2"	51.4	67.5	11.0	1.45
2 1/2"	63.9	83.5	12.0	1.7
3"	76.4	95.7	12.0	2.2
4"	102.0	124.0	12.0	2.2

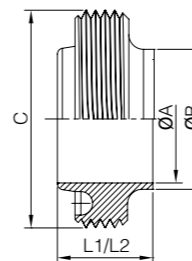
六角螺母



Hexagon Nut **RJT JN-UN 6001**

Size	A	B	C	L
1"	33.3	50.8	46.64X1/8 TWHIT	22.2
1 1/2"	46.0	65.0	59.34X1/8 TWHIT	22.2
2"	58.7	79.4	73.64X1/6 TWHIT	22.2
2 1/2"	71.4	92.1	86.34X1/6 TWHIT	22.2
3"	84.1	104.8	99.04X1/6 TWHIT	22.2
4"	109.5	130.2	124.44X1/6 TWHIT	22.2

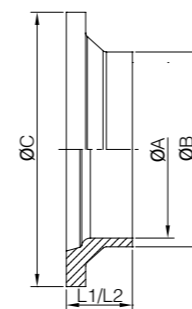
螺纹接头



Welding Male **RJT JN-UN 6002**

Size	A	B	C	L1	L2
1"	22.2	25.65	45.7x1/8TWHIT	26.3	27.0
1 1/2"	34.9	38.35	58.4x1/8TWHIT	26.3	27.0
2"	47.6	51.05	72.7x1/6TWHIT	26.3	27.0
2 1/2"	60.3	63.75	85.4x1/6TWHIT	26.3	27.0
3"	73.0	76.45	98.1x1/6TWHIT	26.3	27.0
4"	97.6	101.85	123.5x1/6TWHIT	26.3	27.0

平接头



Liner **RJT JN-UN 6003**

Size	A	B	C	L1	L2
1"	22.2	25.65	41.3	12.7	19.5
1 1/2"	34.9	38.35	54.0	12.7	19.5
2"	47.6	51.05	66.7	12.7	19.5
2 1/2"	60.3	63.75	79.4	12.7	19.5
3"	73.0	76.45	92.1	12.7	19.5
4"	97.6	101.85	117.5	25.4	19.5



内开式斜边椭圆人孔
Oval manhole with bevel edge



方形人孔
Rectangular manhole



方形人孔
Rectangular manhole



常压圆形人孔
Non pressure round manhole



带内视人孔
Round manhole with sight glass



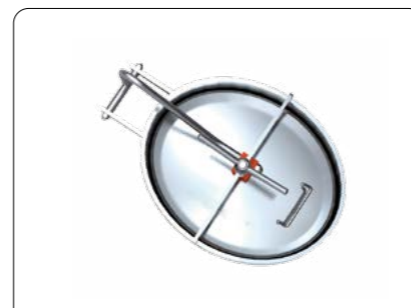
圆形人孔
Pressure type round manhole



圆形人孔
Round manhole

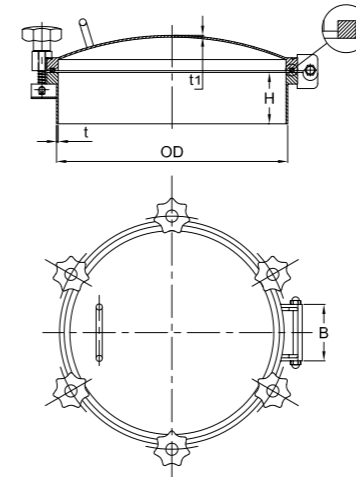


圆形带视镜人孔
Round manhole cover with sight glass



椭圆形人孔
Oval manhole

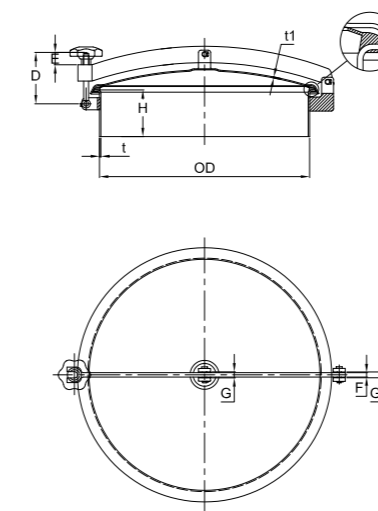
圆型压力人孔



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。

圆型常压人孔



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。

Round Outward Manway With Pressure JN-ML 1001

Size	OD mm	t mm	H 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.

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.

Round Outward Manway JN-ML 1002

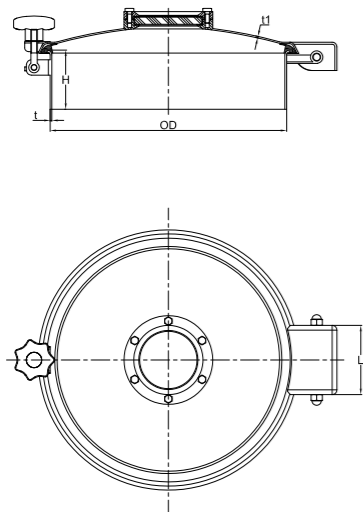
Size	OD mm	t mm	H mm	t1 mm	Pres (Bar)
200	200	2.5	100	2	0-0.1
219	219	2.5	100	2	0-0.1
300	300	2.5	100	2	0-0.1
350	350	2.5	100	2	0-0.1
400	400	3	100	2.5	0-0.1
430	430	3	100	2.5	0-0.1
450	450	3	100	2.5	0-0.1
500	500	3	100	2.5	0-0.1
600	600	4	100	3	0-0.1
420X300 (Oval-椭圆)	420X300	3	100	2.5	0-0.1

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.

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.

圆型常压糖化人孔



Round Manway With Sight Glass **JN-ML 1003**

Size	OD mm	t mm	H mm	t1 mm	视镜 Sight Glass	Pres (Bar)
350	355	2.5	100	2.5	DN80	0-0.2
400	406	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.

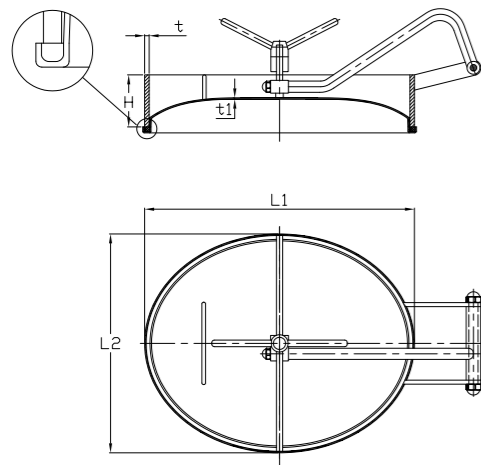
Feature:

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.

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。

内开式椭圆人孔



Oval Inward Manway **JN-ML 1004**

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*350	450*350	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.

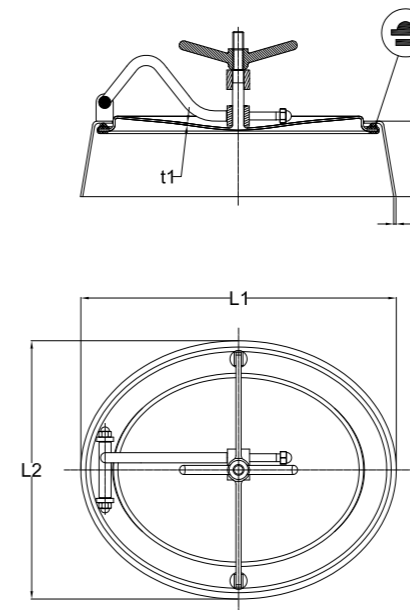
Feature:

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.

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。

内开式带斜边椭圆人孔



Oval Inward Manway with Bevel Edge **JN-ML 1005**

Size	OD mm L1*L2	t1 mm	H mm	t2 mm	Pres (Bar)
550*450	550*450	3	80	4	1-3
550*450A	550*450	4	80	5	1-3
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.

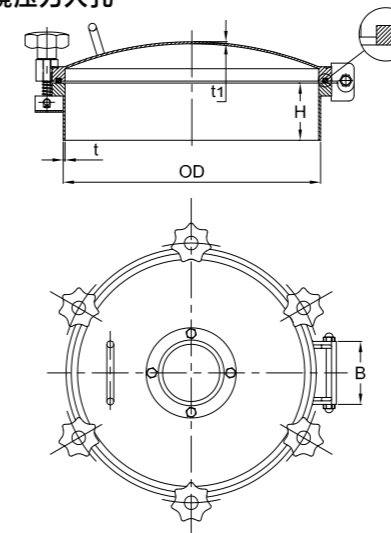
特点:

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.

圆形带视镜压力人孔



Round Outward Manway With Sight Glass **JN-ML 1006**

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	508	4	100	3	DN100	1-3
600	608	4	100	4	DN100	1-3

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

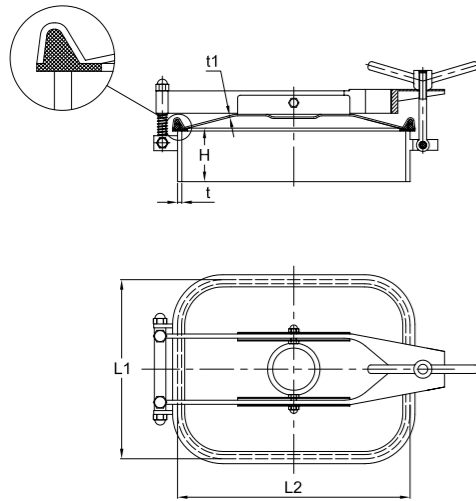
Feature:

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.

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。

单锁方型人孔



Rectangular Manway
With One Intersectant Arms **JN-ML 1007**

Size	OD mm L1*L2	t mm	H mm	t1 mm	Pres (Bar)
235*185	235*185	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), 视镜可根据您的需求定制。
Height(H) and Frame (t) and cover (t1), sight glass can be changed according to your requirement.

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.

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。



焊接 Y 型过滤器
Welded Y strainer



螺纹 Y 型过滤器
Threading Y strainer



单联过滤器
Line strainer



角式过滤器
Angle strainer



活接头视镜带灯
Union sight glass with light



四通视镜
Cross type sight glass



活接式视镜
Union type sight glass



视灯
Sight light



直通视镜
Line type sight glass



快装旋转清洗球
Clamped rotated spray ball



内螺纹旋转清洗球
Female rotated cleaning ball



插销旋转清洗球
Pin rotated spray ball



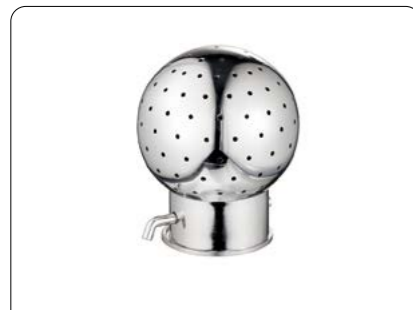
快装固定清洗球
Clamped fixed spray ball



外螺纹固定清洗球
Male fixed cleaning ball



360°牛角清洗球
Ox type cleaning valve



插销固定清洗球
Pin type fixed spray valve

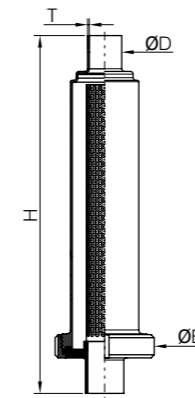


地漏
Floor drain



呼吸器
Breather

焊接式直通过滤器

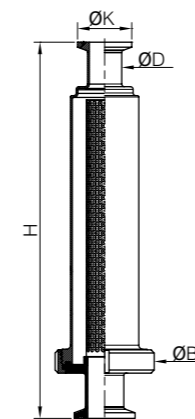


Welded Straight Strainer

JN-ST 1001

DIN	Size							H	B
	D×T	3A	D×T	SMS	D×T	ISO/IDF	D×T		
DN25	28×1.5	1"	25.4×1.65	25	25.4×1.5	φ25	25.4×1.5	325.0	114.0
DN32	34×1.5	1 1/4"	31.8×1.65	32	31.8×1.5	φ32	31.8×1.5	330.0	114.0
DN40	40×1.5	1 1/2"	38.1×1.65	38	38.1×1.5	φ38	38.1×1.5	330.0	114.0
DN50	52×1.5	2"	50.8×1.65	51	50.8×1.5	φ51	50.8×1.5	350.0	125.0
DN65	70×2	2 1/2"	63.5×1.65	63	63.5×2	φ63	63.5×2	405.0	138.0
DN80	85×2	3"	76.2×1.65	76	76.2×2	φ76	76.2×2	500.0	148.0
DN100	104×2	4"	101.6×2.1	102	101.6×2	φ102	101.6×2	600.0	178.0

夹式直通过滤器

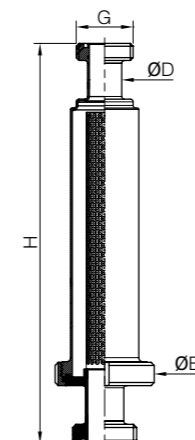


Clamped Straight Strainer

JN-ST 1002

DIN	Size							H	B
	D×K	3A	D×K	SMS	D×K	ISO/IDF	D×K		
DN25	28×50.5	1"	25.4×50.5	25	25.4×50.5	φ25	25.4×50.5	360.0	114.0
DN32	34×50.5	1 1/4"	31.8×50.5	32	31.8×50.5	φ32	31.8×50.5	360.0	114.0
DN40	40×50.5	1 1/2"	38.1×50.5	38	38.1×50.5	φ38	38.1×50.5	360.0	114.0
DN50	52×64.0	2"	50.8×64.0	51	50.8×64.0	φ51	50.8×64.0	390.0	125.0
DN65	70×91.0	2 1/2"	63.5×77.5	63	63.5×77.5	φ63	63.5×77.5	455.0	138.0
DN80	85×106.0	3"	76.2×91.0	76	76.2×91.0	φ76	76.2×91.0	550.0	148.0
DN100	104×119.0	4"	101.6×119.0	102	101.6×119.0	φ102	101.6×119.0	654.0	178.0

螺纹式直通过滤器

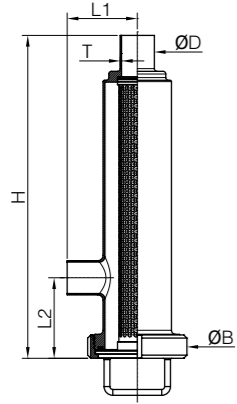


Threaded Straight Strainer

JN-ST 1003

DIN	Size					H	B
	D	G	SMS	D	G		
DN25	28.0	RD52x1/6	25	25.4	RD40x1/6	360.0	114.0
DN32	34.0	RD58x1/6	32	31.8	RD48x1/6	360.0	114.0
DN40	40.0	RD65x1/6	38	38.1	RD60x1/6	360.0	114.0
DN50	52.0	RD78x1/6	51	50.8	RD70x1/6	390.0	125.0
DN65	70.0	RD95x1/6	63	63.5	RD85x1/6	455.0	138.0
DN80	85.0	RD110x1/4	76	76.2	RD98x1/6	550.0	148.0
DN100	104.0	RD130x1/4	102	101.6	RD125x1/4	654.0	178.0

焊接角式过滤器

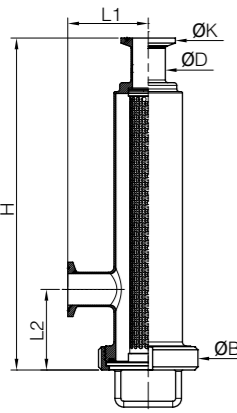


Welded angle-type Strainer

JN-ST 1004

DIN	Size							H	B	L1	L2
	D×T	3A	D×T	SMS	D×T	ISO/IDF	D×T				
DN25	28×1.5	1"	25.4×1.65	25	25.4×1.5	φ 25	25.4×1.5	325.0	114.0	76.0	95.0
DN32	34×1.5	1 1/4"	31.8×1.65	32	31.8×1.5	φ 32	31.8×1.5	330.0	114.0	76.0	95.0
DN40	40×1.5	1 1/2"	38.1×1.65	38	38.1×1.5	φ 38	38.1×1.5	330.0	114.0	76.0	95.0
DN50	52×1.5	2"	50.8×1.65	51	50.8×1.5	φ 51	50.8×1.5	350.0	125.0	89.0	110.0
DN65	70×2	2 1/2"	63.5×1.65	63	63.5×2	φ 63	63.5×2	405.0	138.0	102.0	125.0
DN80	85×2	3"	76.2×1.65	76	76.2×2	φ 76	76.2×2	500.0	148.0	114.0	145.0
DN100	104×2	4"	101.6×2.1	102	101.6×2	φ 102	101.6×2	600.0	178.0	140.0	165.0

夹式角式过滤器

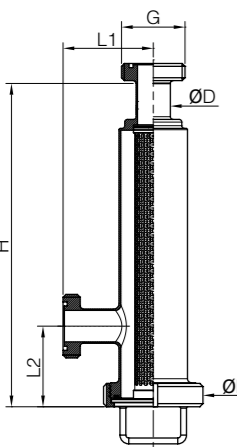


Clamped Straight Strainer

JN-ST 1005

DIN	Size							H	B	L1	L2
	D×K	3A	D×K	SMS	D×K	ISO/IDF	D×K				
DN25	28×50.5	1"	25.4×50.5	25	25.4×50.5	φ 25	25.4×50.5	360.0	114.0	95.0	95.0
DN32	34×50.5	1 1/4"	31.8×50.5	32	31.8×50.5	φ 32	31.8×50.5	360.0	114.0	95.0	95.0
DN40	40×50.5	1 1/2"	38.1×50.5	38	38.1×50.5	φ 38	38.1×50.5	360.0	114.0	95.0	95.0
DN50	52×64.0	2"	50.8×64.0	51	50.8×64.0	φ 51	50.8×64.0	390.0	125.0	109.0	110.0
DN65	70×91.0	2 1/2"	63.5×77.5	63	63.5×77.5	φ 63	63.5×77.5	455.0	138.0	125.0	125.0
DN80	85×106.0	3"	76.2×91.0	76	76.2×91.0	φ 76	76.2×91.0	550.0	148.0	134.0	145.0
DN100	104×119.0	4"	101.6×119.0	102	101.6×119.0	φ 102	101.6×119.0	654.0	178.0	160.0	165.0

螺纹角式过滤器

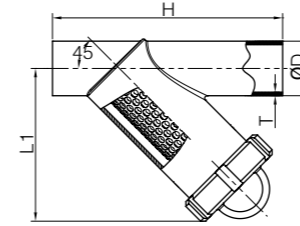


Threaded Straight Strainer

JN-ST 1006

DIN	Size					H	B	L1	L2
	D	G	SMS	D	G				
DN25	28.0	RD52x1/6	25	25.4	RD40x1/6	360.0	114.0	95.0	95.0
DN32	34.0	RD58x1/6	32	31.8	RD48x1/6	360.0	114.0	95.0	95.0
DN40	40.0	RD65x1/6	38	38.1	RD60x1/6	360.0	114.0	95.0	95.0
DN50	52.0	RD78x1/6	51	50.8	RD70x1/6	390.0	125.0	109.0	110.0
DN65	70.0	RD95x1/6	63	63.5	RD85x1/6	455.0	138.0	125.0	125.0
DN80	85.0	RD110x1/4	76	76.2	RD98x1/6	550.0	148.0	134.0	145.0
DN100	104.0	RD130x1/4	102	101.6	RD125x1/4	654.0	178.0	160.0	165.0

焊接式 Y 型过滤器

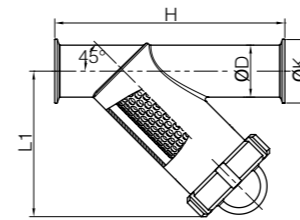


Welded Y-type Strainer

JN-ST 1007

DIN	Size							H	L1
	D×T	3A	D×T	SMS	D×T	ISO/IDF	D×T		
DN25	28×1.5	1"	25.4×1.65	25	25.4×1.5	φ 25	25.4×1.5	120.0	115.0
DN32	34×1.5	1 1/4"	31.8×1.65	32	31.8×1.5	φ 32	31.8×1.5	150.0	140.0
DN40	40×1.5	1 1/2"	38.1×1.65	38	38.1×1.5	φ 38	38.1×1.5	170.0	160.0
DN50	52×1.5	2"	50.8×1.65	51	50.8×1.5	φ 51	50.8×1.5	190.0	182.0
DN65	70×2	2 1/2"	63.5×1.65	63	63.5×2	φ 63	63.5×2	235.0	245.0
DN80	85×2	3"	76.2×1.65	76	76.2×2	φ 76	76.2×2	280.0	285.0
DN100	104×2	4"	101.6×2.1	102	101.6×2	φ 102	101.6×2	345.0	345.0

夹式 Y 型过滤器

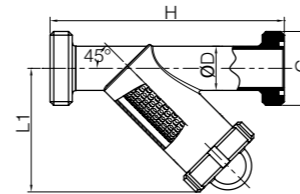


Clamped Y-type Strainer

JN-ST 1008

DIN	Size							H	L1
	D×K	3A	D×K	SMS	D×K	ISO/IDF	D×K		
DN25	28×50.5	1"	25.4×50.5	25	25.4×50.5	φ 25	25.4×50.5	145.0	95.0
DN32	34×50.5	1 1/4"	31.8×50.5	32	31.8×50.5	φ 32	31.8×50.5	165.0	110.0
DN40	40×50.5	1 1/2"	38.1×50.5	38	38.1×50.5	φ 38	38.1×50.5	180.0	120.0
DN50	52×64.0	2"	50.8×64.0	51	50.8×64.0	φ 51	50.8×64.0	220.0	140.0
DN65	70×91.0	2 1/2"	63.5×77.5	63	63.5×77.5	φ 63	63.5×77.5	280.0	175.0
DN80	85×106.0	3"	76.2×91.0	76	76.2×91.0	φ 76	76.2×91.0	350.0	195.0
DN100	104×119.0	4"	101.6×119.0	102	101.6×119.0	φ 102	101.6×119.0	500.0	260.0

螺纹式 Y 型过滤器

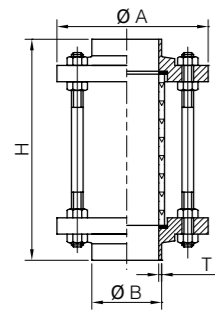


Threaded Y-type Strainer

JN-ST 1009

DIN	Size					H	L1
	D	G	SMS	D	G		
DN25	28.0	RD52x1/6	25	25.4	RD40x1/6	145.0	95.0
DN32	34.0	RD58x1/6	32	31.8	RD48x1/6	165.0	110.0
DN40	40.0	RD65x1/6	38	38.1	RD60x1/6	180.0	120.0
DN50	52.0	RD78x1/6	51	50.8	RD70x1/6	220.0	140.0
DN65	70.0	RD95x1/6	63	63.5	RD85x1/6	280.0	175.0
DN80	85.0	RD110x1/4	76	76.2	RD98x1/6	350.0	195.0
DN100	104.0	RD130x1/4	102	101.6	RD125x1/4	500.0	260.0

焊接式直通视镜

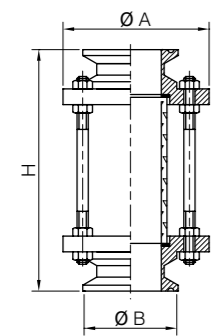


Welded Straight Sight Glass

JN-SG 1001

Size	H	A	B	T
DN25	143.0	78.0	28.0	1.5
DN32	143.0	86.0	34.0	1.5
DN40	143.0	90.0	40.0	1.5
DN50	145.0	106.0	52.0	1.5
DN65	149.0	124.0	70.0	2.0
DN80	151.0	139.0	85.0	2.0
DN100	157.0	159.0	104.0	2.0

夹式直通视镜

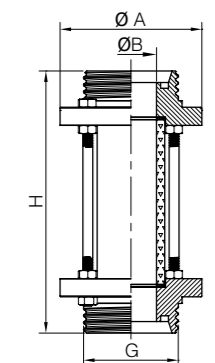


Clamped Straight Sight Glass

JN-SG 1002

Size	H	A	B
DN25	159.0	78.0	50.5
DN32	163.0	86.0	50.5
DN40	169.0	90.0	50.5
DN50	173.0	106.0	64.0
DN65	177.0	124.0	91.0
DN80	183.0	139.0	106.0
DN100	197.0	159.0	119.0

螺纹式直通视镜

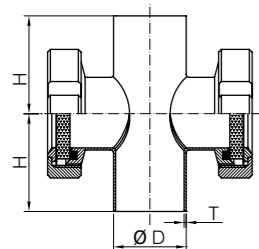


Threaded Straight Sight Glass

JN-SG 1003

Size	H	G	A	B
DN25	159.0	RD52X1/6	78.0	25.0
DN32	159.0	RD58X1/6	86.0	31.0
DN40	163.0	RD65X1/6	90.0	37.0
DN50	169.0	RD78X1/6	106.0	49.0
DN65	173.0	RD95X1/6	124.0	66.0
DN80	177.0	RD110X1/4	139.0	81.0
DN100	197.0	RD130X1/4	159.0	100.0

四通视镜

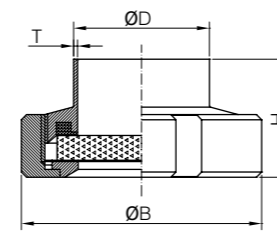


Cross Sight Glass

JN-SG 1004

Size	H	D	T
DN25	50.0	28.0	1.5
DN32	55.0	34.0	1.5
DN40	60.0	40.0	1.5
DN50	70.0	52.0	1.5
DN65	80.0	70.0	2.0
DN80	90.0	85.0	2.0
DN100	100.0	104.0	2.0

活接视镜

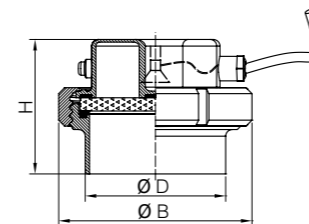


Union Type Sight Glass

JN-SG 1005

Size	H	B	D	T
DN25	35.0	63.0	28.0	1.5
DN32	38.0	70.0	34.0	1.5
DN40	40.0	78.0	40.0	1.5
DN50	42.0	92.0	52.0	1.5
DN65	47.0	112.0	70.0	2.0
DN80	52.0	127.0	85.0	2.0
DN100	62.0	148.0	104.0	2.0

带灯视镜

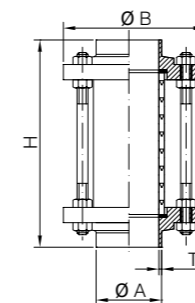


Light Indicator Sight Glass

JN-SG 1006

Size	H	B	D
DN80	90.0	127.0	87.0
DN100	100.0	148.0	106.0
DN125	90.0	178.0	132.0
DN150	96.0	210.0	157.0

焊接式直通视镜

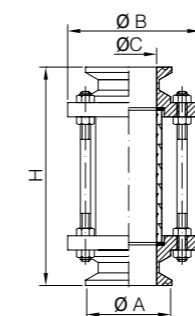


Welded Straight Sight Glass

JN-SG 1007

Size	H	A	B
1"	143.0	25.4	78.0
1 1/4"	143.0	31.8	78.0
1 1/2"	143.0	38.1	86.0
2"	145.0	50.8	100.0
2 1/2"	149.0	63.5	115.0
3"	149.0	76.2	128.0
4"	157.0	101.6	154.0

夹式直通视镜

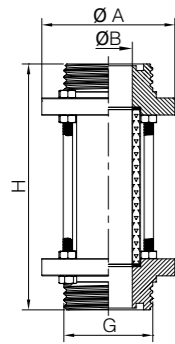


Clamped Straight Sight Glass

JN-SG 1008

Size	H	A	B	C
1"	159.0	50.5	78.0	22.1
1 1/4"	163.0	50.5	78.0	28.5
1 1/2"	163.0	50.5	86.0	34.8
2"	169.0	64.0	100.0	47.5
2 1/2"	173.0	77.5	115.0	60.2
3"	177.0	91.0	128.0	72.9
4"	199.0	119.0	154.0	97.4

螺纹式直通视镜

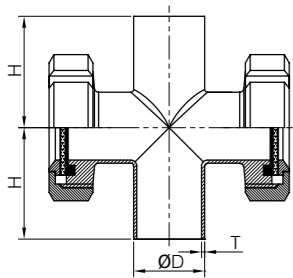


Threaded Straight Sight Glass

JN-SG 1009

Size	H	G	A	B
25	159.0	RD40X1/6	78.0	22.4
32	159.0	RD48X1/6	78.0	28.8
38	163.0	RD60X1/6	86.0	34.8
51	169.0	RD70X1/6	100.0	47.8
63	173.0	RD85X1/6	115.0	59.5
76	177.0	RD98X1/6	128.0	72.2
89	183.0	RD110X1/6	139.0	85
102	197.0	RD125X1/4	154.0	97.6

四通视镜

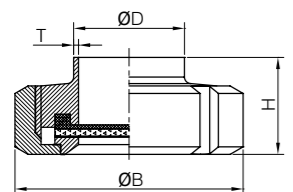


Cross Sight Glass

JN-SG 1010

Size	H	D	T
25	50.0	25.4	1.5
32	60.0	31.8	1.5
38	70.0	38.1	1.5
51	82.0	50.8	1.5
63	105.0	63.5	2.0
76	110.0	76.2	2.0
102	150.0	101.6	2.0

活接视镜



Union Type Sight Glass

JN-SG 1011

Size	H	B	D	T
25	25.0	51.0	25.4	1.5
32	25.0	60.0	31.8	1.5
38	28.0	74.0	38.1	1.5
51	28.0	84.0	50.8	1.5
63	32.0	100.0	63.5	2.0
76	33.0	114.0	76.2	2.0
89	34.0	125.0	89.0	2.0
102	36.0	138.0	101.6	2.0

应用:

旋转式清洗球:是一种旋转喷头,它使用清洁剂对储罐进行全面清洗和喷射。由于此设备在低压下使用的洗涤液量较少,因此它是传统固定喷球的一种有效替代产品。旋转头中采用双滚珠轴承,这使该类型清洗球系列适用于所有卫生级和工业级清洗应用领域,包括储罐、反应器和容器等所有卫生级和工业级用品的清洗任务。

固定式清洗球:是食品和饮料行业中一种用来清洗储罐的固定喷球。固定喷球用于要求较低的清洁任务。

Application

Rotary cleaning ball: it's a kind of rotary sprayer, which use cleanser to spray strongly and clean inside of the tank. It is one which is effective replace the traditional fixed cleaning ball for it can be used under low pressure with less detergent. The rotary sprayer use dual ball bearing, so it is suitable for the sanitary and industrial application, include tank, reactor, vessel etc.

Fixed cleaning ball: it's a type of fixed spray ball of cleaning storage tank. The fixed spray ball is use to cleaning task with lower requirement.

技术数据:

- 重量: 视具体规格
- 润滑: 通过清洗液自润滑
- 工作压力: 1-3Bar
- 最高工作温度: 95° C
- 最高环境温度: 140° C
- 湿润半径: 最大 3m
- 喷射清洗半径: 最大有效半径 2m
- 接口: 焊接式、快装式和螺纹式

Technical Data

- As per specification
- Lubrication by the cleaner itself.
- Working pressure: 1-3Bar
- Max. working temperature: 95°C
- Max. ambient temperature: 140°C
- Moist radius: max. 3M
- Inject cleaning radius: max. effective radius 2M
- Connector: weld, clamp, thread.

工作原理:

旋转式清洗球:清洗液通过自身的动力使清洗球喷头旋转,扇形喷流在整个储罐会反应皿中形成涡流,由此有效的清除留在容器表面的残余产品,达到清洁作用。

固定式清洗球:清洗球通过清洗球的喷头小口,形成向四周喷射的喷流,从而清除留在容器表面的残余产品,达到清洁作用。

Work Principle

Rotary cleaning ball: The cleaning solution make the sprayer rotary by it's motive power, then the fan jet created the whole tank and reactor with vortex. In that way, clean the remains of vessel surface effectively, reach the function of cleaning.

Fixed cleaning ball: the cleaning ball is through the sprayer small hole, create the injection all around. In that way, clean the remains of vessel surface effectively, reach the function of cleaning.

设计标准:

Joneng 生产的清洗球系列均符合 DIN、3A、SMS、ISO/IDF 等生产标准。

Design Standard

joneng have the standard of cleaning ball series as follows: DIN, 3A, SMS, ISO/IDF

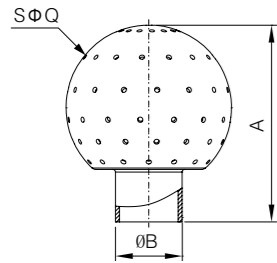
材料:

- 接头: 304/316L
- 喷头: 304/316L

Material

- Ferrule: 304/316L
- Sprayer: 304/316L

焊接固定式清洗球

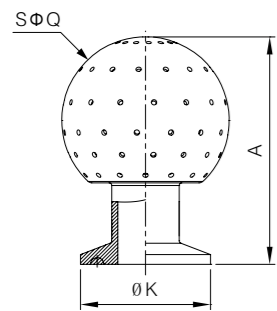


Welded Fixed Cleaning Ball

JN-CB 1001

DIN	Size							A	Q
	φ B	3A	φ B	SMS	φ B	ISO	φ B		
DN15	18.0	1/2"	12.7	12.7	12.7	φ 12.7	12.7	54.0	40.0
DN20	22.0	3/4"	19.05	19	19.05	φ 19	19.1	64.0	50.0
DN25	28.0	1"	25.4	25	25.4	φ 25	25.4	72.0	63.0
DN32	34.0	1 1/4"	31.8	32	31.8	φ 32	31.8	79.0	65.0
DN40	40.0	1 1/2"	38.1	38	38.1	φ 38	38.1	85.0	76.0
DN50	52.0	2"	50.8	51	50.8	φ 51	50.8	87.0	91.0
DN65	70.0	2 1/2"	63.5	63	63.5	φ 63	63.5	102.0	100.0

夹式固定式清洗球

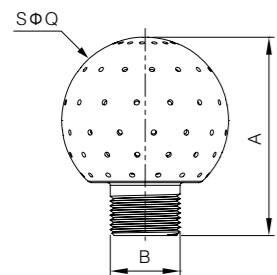


Clamped Fixed Cleaning Ball

JN-CB 1002

DIN	Size	A	Q	K
DN20	3/4"	77.0	53.0	50.5
DN25	1"	80.0	63.0	50.5
DN32	1 1/4"	93.0	76.0	50.5
DN40	1 1/2"	93.0	76.0	50.5
DN50	2"	108.0	91.0	64.0
DN65	2 1/2"	115.0	100.0	77.5

外螺纹固定式清洗球

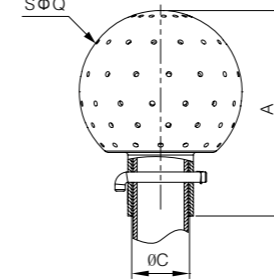


Male Fixed Cleaning Ball

JN-CB 1003

DIN	Size	A	Q	B
DN20	3/4"	62.0	50.0	G 3/4
DN25	1"	72.0	63.0	G 1
DN32	1 1/4"	85.0	65.0	G 1 1/4
DN40	1 1/2"	87.0	76.0	G 1 1/2
DN50	2"	102.0	91.0	G 2

插销固定式清洗球

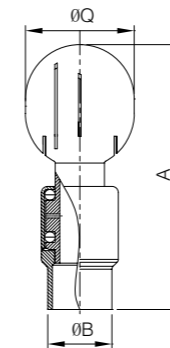


Bolted Fixed Cleaning Ball

JN-CB 1004

DIN	Size							A	Q
	φ C	3A	φ C	SMS	φ C	ISO	φ C		
DN15	18.0	1/2"	12.7	12.7	12.7	φ 12.7	12.7	54.0	40.0
DN20	22.0	3/4"	19.05	19	19.05	φ 19	19.1	64.0	50.0
DN25	28.0	1"	25.4	25	25.4	φ 25	25.4	72.0	63.0
DN32	34.0	1 1/4"	31.8	32	31.8	φ 32	31.8	79.0	65.0
DN40	40.0	1 1/2"	38.1	38	38.1	φ 38	38.1	85.0	76.0
DN50	52.0	2"	50.8	51	50.8	φ 51	50.8	87.0	91.0
DN65	70.0	2 1/2"	63.5	63	63.5	φ 63	63.5	102.0	100.0

焊接旋转式清洗球

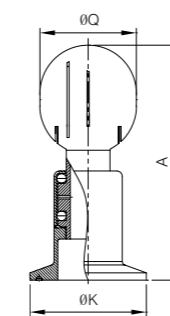


Welded Rotary Cleaning Ball

JN-CB 1005

DIN	Size							A	Q
	φ B	3A	φ B	SMS	φ B	ISO	φ B		
DN15	18.0	1/2"	12.7	12.7	12.7	φ 12.7	12.7	110.0	40.0
DN20	22.0	3/4"	19.05	19	19.05	φ 19	19.1	137.0	53.0
DN25	28.0	1"	25.4	25	25.4	φ 25	25.4	143.0	53.0
DN32	34.0	1 1/4"	31.8	32	31.8	φ 32	31.8	145.0	53.0
DN40	40.0	1 1/2"	38.1	38	38.1	φ 38	38.1	145.0	53.0
DN50	52.0	2"	50.8	51	50.8	φ 51	50.8	180.0	76.0
DN65	70.0	2 1/2"	63.5	63	63.5	φ 63	63.5	200.0	76.0

夹式旋转式清洗球

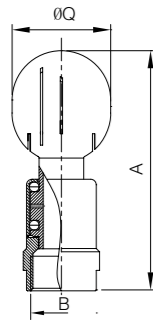


Clamped Rotary Cleaning Ball

JN-CB 1006

DIN	Size	A	Q	K
DN20	3/4"	138.0	53.0	50.5
DN25	1"	138.0	53.0	50.5
DN32	1 1/4"	138.0	53.0	50.5
DN40	1 1/2"	138.0	53.0	50.5
DN50	2"	168.0	76.0	64.0
DN65	2 1/2"	190.0	76.0	77.5

内螺纹旋转式清洗球

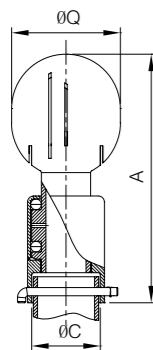


Female Rotary Cleaning Ball

JN-CB 1007

Size		A	Q	B
DN15	1/2"	110.0	40.0	G 1/2
DN20	3/4"	138.0	53.0	G 3/4
DN25	1"	140.0	53.0	G 1
DN32	1 1/4"	160.0	53.0	G 1 1/4
DN40	1 1/2"	170.0	53.0	G 1 1/2
DN50	2"	192.0	76.0	G 2
DN65	2 1/2"	220.0	76.0	G 2 1/2

插销旋转式清洗球

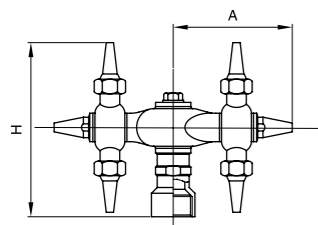


Bolted Rotary Cleaning Ball

JN-CB 1008

DIN	Size							A	Q
	φ C	3A	φ C	SMS	φ C	ISO	φ C		
DN15	18.0	1/2"	12.7	12.7	12.7	φ 12.7	12.7	110.0	40.0
DN20	22.0	3/4"	19.05	19	19.05	φ 19	19.1	137.0	53.0
DN25	28.0	1"	25.4	25	25.4	φ 25	25.4	135.0	53.0
DN32	34.0	1 1/4"	31.8	32	31.8	φ 32	31.8	137.0	40.0
DN40	40.0	1 1/2"	38.1	38	38.1	φ 38	38.1	150.0	53.0
DN50	52.0	2"	50.8	51	50.8	φ 51	50.8	168.0	53.0
DN65	70.0	2 1/2"	63.5	63	63.5	φ 63	63.5	190.0	76.0

螺纹式旋转清洗器

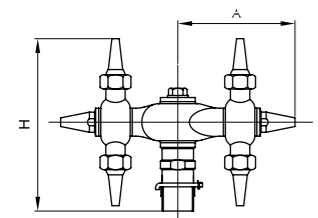


Threaded Rotary cleaning ball

JN-CB 1009

Size	A	H	Pressure (bar)	Cleaning radius (m)	Fluxation m ³ /h
1"	118.0	165.0	1.5-2.0	2.0-3.0	23
1 1/2"	142.0	189.0	1.8-2.5	3.5-3.0	38
2"	145.0	191.0	2.5-3.0	3.5-4.0	60

插销式旋转清洗器

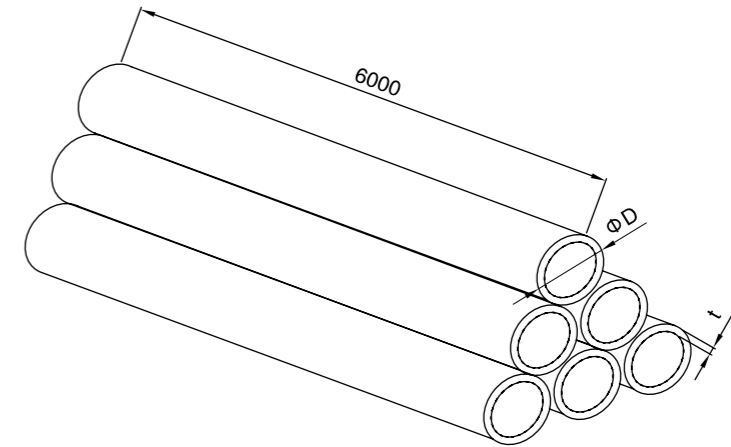


Bolted Rotary cleaning ball

JN-CB 1010

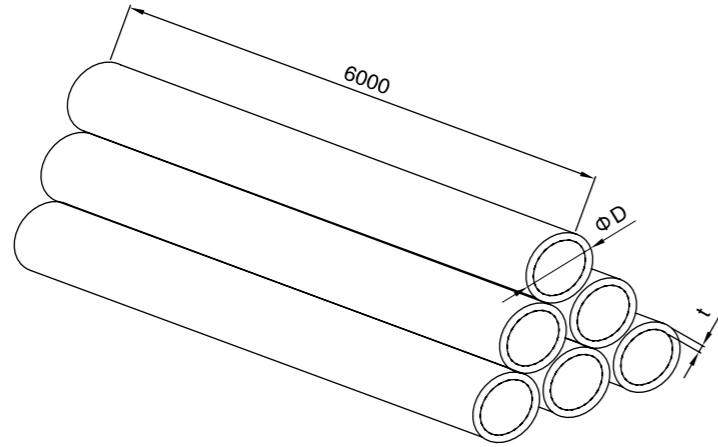
Size	A	H	Pressure (bar)	Cleaning radius (m)	Fluxation m ³ /h
1"	118.0	175.0	1.5-2.0	2.0-3.0	23
1 1/2"	142.0	200.0	1.8-2.5	3.5-3.0	38
2"	145.0	205.0	2.5-3.0	3.5-4.0	60

各种标准钢管系列
Stainless steel pipe series



ISO 2037			SMS			3A			IDF		
Size	D	t	Size	t	t	Size	D	t	Size	D	t
19	19.0	1.5	25	1.25	1.5	1/2 "	12.7	1.65	1.0 "	25.4	1.5
25	25.4	1.5	32	1.25	1.5	3/4 "	19.1	1.65	1 1/4 "	32.0	1.5
32	32.0	1.5	38	1.25	1.5	1.0 "	25.4	1.65	1 1/2 "	38.1	1.5
38	38.1	1.5	51	1.25	1.5	1.5 "	38.1	1.65	2.0 "	50.8	1.5
45	45.0	2.0	63	1.50	2.0	2.0 "	50.8	1.65	2 1/2 "	63.5	2.0
48	48.0	1.5	76	1.60	2.0	2.5 "	63.5	1.65	3.0 "	76.2	2.0
51	50.8	1.5	89	2.0	2.0	3.0 "	76.2	1.65	3 1/2 "	89.0	2.0
57	57.0	2.0	101.6	2.0	2.0	4.0 "	101.6	2.10	4.0 "	101.6	2.0
63	63.5	2.0				6.0 "	152.4	2.80	4 1/4 "	108.0	2.0
76	76.2	2.0				8.0 "	203.2	2.80			
80	85.0	2.0				10.0 "	254.0	3.40			
89	89.0	2.0				12.0 "	305.0	3.40			
102	101.6	2.0									
108	108.0	2.0									
133	133.0	3.0									
159	159.0	3.0									
219	219.0	4.0									

各种标准钢管系列
Stainless steel pipe series



DIN11850/11851				BS4825			ISO1127			
Size	D*t	D*t	D*t	D*t	Size	t	t	Size	OD	ID
DN10	12*1.0	13*1.5	14*1.5	12*1.5	12.7	1.2	1.2	26.9	26.9	23.7
DN15	18*1.0	19*1.5	20*1.5	18*1.5	15.88	1.2	1.2	33.7	33.7	29.7
DN20	22*1.0	23*1.5	24*1.5	22*1.5	19.05	1.2	1.2	42.4	42.4	38.4
DN25	28*1.0	29*1.5	30*1.5	28*1.5	25.4	1.2	1.6	48.3	48.3	44.3
DN32	34*1.0	35*1.5	36*1.5	34*1.5	38.1	1.2	1.6	60.3	60.3	56.3
DN40	40*1.0	41*1.5	42*2.0	40*1.5	50.8	1.2	1.6	76.2	76.2	72.2
DN50	52*1.0	53*1.5	54*2.0	52*1.5	63.5	1.6	1.6	88.9	88.9	84.9
DN65	70*2.0	70*2.0	70*2.0	70*2.0	76.2	1.6	1.6	114.3	114.3	110.0
DN80	85*2.0	85*2.0	85*2.0	85*2.0	101.6	2.0	2.0	139.7	139.7	135.7
DN100	104*2.0	104*2.0	104*2.0	104*2.0	114.3	2.0	2.0	168.3	168.3	161.5
DN125	129*2.0	129*2.0	129*2.0	129*2.0	139.7	2.0	2.0	219.1	219.1	213.9
DN150	154*2.0	154*2.0	154*2.0	154*2.0	168.3	2.6	2.6			
	Series 1	Series 2	Series 3	Recommended series	219.1	2.6	2.6			

JIS G3447								
Size	D	t	Size	t	t	Size	D	t
1.0 "	25.4	1.2						
1.25 "	31.8	1.2						
1.5 "	38.1	1.2						
2.0 "	50.8	1.5						
2.5 "	63.5	2.0						
3.0 "	76.2	2.0						
3.5 "	88.9	2.0						
4.0 "	101.6	2.0						
4.5 "	114.3	3.0						
5.5 "	139.7	3.0						
6.5 "	165.1	3.0						

各国不锈钢牌号
Stainless Steel Standards of Different Countries

中国	欧盟	美国	美国	英国	德国	日本
GB (China)	EN (Europa)	AISI (U.S.A)	ASTM (U.S.A)	BSI (U.K)	DIN (Germany)	JIS (Japan)
0Cr18Ni9 (06Cr19Ni10)	X5CrNi18-10	304	TP304	304 S 15 304 S 16	1.4301	SUS304
00Cr19Ni10 (022Cr19Ni10)	X2 CrNi19-11	304L	TP304L	304 S 11	1.4306	SUS304L
0Cr17Ni12Mo2 (06Cr17Ni12Mo2)	X5CrNiMo17-2-2	316	TP316	316 S 31	1.4401	SUS316
00Cr17Ni14Mo2 (022Cr17Ni14Mo2)	X2CrNiMo17-2-2	316L	TP316L	316 S 11	1.4404	SUS316L

化学成分与力学性能
Chemical Composition and Mechanics Property

中国 (GB)	钢种	碳 ≤	硅 ≤	锰 ≤	磷 ≤	硫 ≤	铬	钼	镍	力学性能			
		C	Si	Mn	P	S	Cr	Mo	Ni	屈服强度 σ _{0.2} (Mpa) ≥	抗拉强度 σ _b (Mpa) ≥	延伸率 δ ₅ %	硬度HB ≤
	304	0.07	1.0	2.0	0.035	0.030	18.0-20.0	/	8.0-11	205	520	40	187
	304L	0.03	1.0	2.0	0.035	0.030	18.0-20.0	/	8.0-12	177	480	40	187
	316	0.08	1.0	2.0	0.035	0.030	16.0-18.5	2.0-3.0	10-14	205	520	40	187
	316L	0.03	1.0	2.0	0.035	0.030	16.0-18.0	2.0-3.0	12-15	177	480	40	187

美国 (ASTM)	钢种	碳 ≤	硅 ≤	锰 ≤	磷 ≤	硫 ≤	铬	钼	镍	力学性能			
		C	Si	Mn	P	S	Cr	Mo	Ni	屈服强度 σ _{0.2} (Mpa) ≥	抗拉强度 σ _b (Mpa) ≥	延伸率 δ ₅ %	硬度HB ≤
	TP304	0.08	0.75	2.0	0.040	0.030	18.0-20.0	/	8.0-11	205	515	35	187
	TP304L	0.035	0.75	2.0	0.040	0.030	18.0-20.0	/	8.0-13	170	485	35	187
	TP316	0.08	0.75	2.0	0.040	0.030	16.0-18.0	2.0-2.5	10-14	205	515	35	187
	TP316L	0.035	0.75	2.0	0.040	0.030	16.0-18.0	2.0-2.5	12-15	170	485	35	187

日本 (JIS)	钢种	碳 ≤	硅 ≤	锰 ≤	磷 ≤	硫 ≤	铬	钼	镍	力学性能			
		C	Si	Mn	P	S	Cr	Mo	Ni	屈服强度 σ _{0.2} (Mpa) ≥	抗拉强度 σ _b (Mpa) ≥	延伸率 δ ₅ %	硬度HB ≤
	304	0.08	1.0	2.0	0.040	0.030	18.0-20.0	/	8.0-11	206	520	35	187
	304L	0.03	1.0	2.0	0.040	0.030	18.0-20.0	/	9.0-13	177	481	35	187
	316	0.08	1.0	2.0	0.040	0.030	16.0-18.0	2.0-3.0	10-14	206	520	35	187
	316L	0.03	1.0	2.0	0.040	0.030	16.0-18.0	2.0-3.0	12-16	177	481	35	187

美国 (AISI) 英国 (BSI) 德国 (DIN) 欧盟 (EN)	钢种	碳 ≤	硅 ≤	锰 ≤	磷 ≤	硫 ≤	铬	钼	镍	力学性能			
		C	Si	Mn	P	S	Cr	Mo	Ni	屈服强度 σ _{0.2} (Mpa) ≥	抗拉强度 σ _b (Mpa) ≥	延伸率 δ ₅ %	硬度HB ≤
	304	0.07	1.0	2.0	0.045	0.015	17.0-18.0	/	8.0-10	205	520	40	187
	304L	0.03	1.0	2.0	0.045	0.015	17.0-18.0	/	8.0-10	180	480	40	187
	316	0.08	1.0	2.0	0.045	0.015	16.5-18.0	2.0-2.5	10-13	205	520	40	187
	316L	0.03	1.0	2.0	0.045	0.015	16.5-18.0	2.0-2.5	10-13	180	480	40	187