

让流体输送更简单、更高效、更节能

MAKING FLUID TRANSPORTATION SIMPLER, MORE
EFFICIENT and HIGH ENERGY-EFFICIENT

产品目录及安装指南

CATALOGUE and INSTALLATION GUIDE

压缩空气 · 真空 · 惰性气体

Compressed Air · Vacuum · Inert Gas

UPIPE



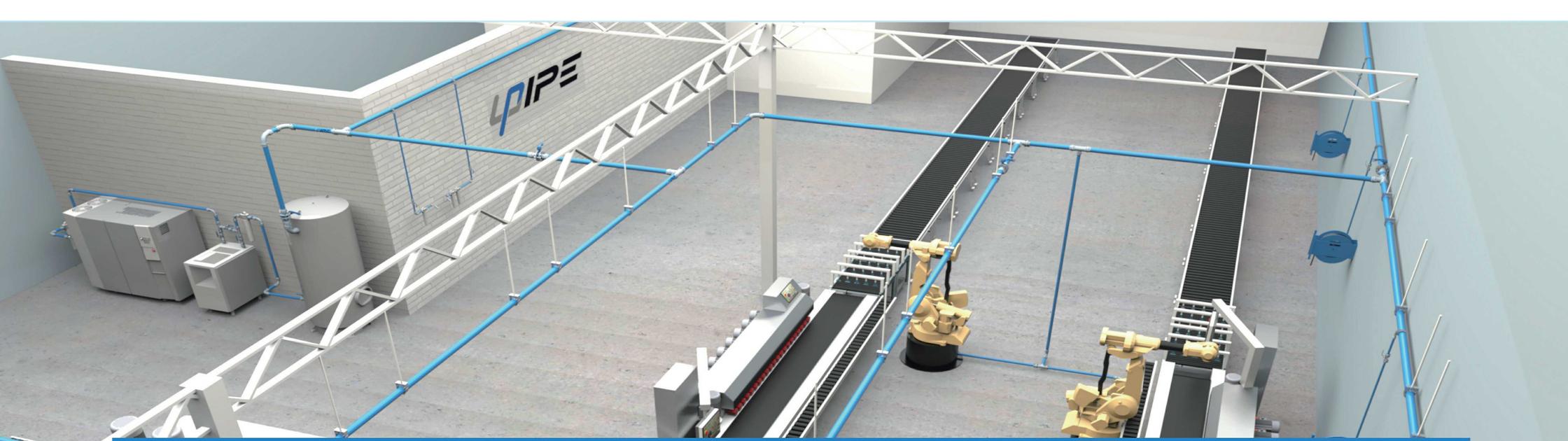
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2025.04

杰优 高可靠快装管道专家
UPIPE Highly reliable fast-installation piping specialist

苏州杰优流体科技有限公司
SUZHOU JIEYOU FLUID TECHNOLOGY CO., LTD.



COMPANY INTRODUCTION

ENTERPRISE CULTURE 企业文化

公司简介



苏州杰优流体科技有限公司成立于2019年8月29日，专业从事流体输送产品的开发、生产、销售、安装服务于一体的创新型企业，产品系列:UPIPE铝合金管及管配件，LIQPIPE不锈钢管及管配件,WPIPE不锈钢管及管配件。

产品以安全可靠、易安装、耐腐蚀、洁净、节能环保等特点应用于工业、民用、军工等领域，帮助客户实现高品质流体输送;公司在国内主要城市设有办事处及代理商服务网络，以最快的速度帮助我们客户伙伴提供最优的流体输送解决方案;产品出口至英国、美国、印度、马来西亚、菲律宾、越南、泰国等国家及地区。

公司拥有多项发明专利及实用新型专利，通过TUV:ISO19001、14001认证，取得国家高新技术企业、江苏民营科技、中小科技企业认证，特种设备型式认证，CE认证、国家建材检验认证，食具行业检验认证，盐雾测试认证等，确保为我们的客户提供高效优质的全方位服务体验。

Suzhou Jieyou Fluid Technology Co., Ltd. was established on August 29, 2019. It is an innovative enterprise specializing in the development, production, sales, and installation services of fluid transportation products. The product series include: Upipe aluminum alloy pipes and pipe fittings, Liqpipe stainless steel pipes and pipe fittings, and Wpipe stainless steel pipes and pipe fittings.

The products are applied in the fields of industry, civil use, and military industry due to their characteristics of safety, reliability, easy installation, corrosion resistance, cleanliness, energy conservation, and environmental protection, helping customers achieve high-quality fluid transportation. The company has established office branches and agent service networks in major domestic cities to provide the optimal fluid transportation solutions to our customer partners at the fastest speed. The products are exported to countries and regions such as the UK, the US, India, Malaysia, the Philippines, Vietnam, and Thailand.

The company holds a number of invention patents and utility model patents. It has passed TUV: ISO19001 and 14001 certifications and obtained certifications as a high-tech enterprise, a private technology enterprise in Jiangsu, a small and medium-sized technology enterprise, special equipment type certification, CE certification, national building materials inspection and certification, tableware industry inspection and certification, salt spray test certification, etc., ensuring to provide our customers with an efficient and high-quality all-round service experience.

01

● 企业使命 ENTERPRISE MISSION

创新流体输送方案、让更多的客户持续受益
Innovating fluid transportation solutions.
Making continuously benefit for more customers.

02

● 企业愿景 ENTERPRISE VISION

成为快装管道系统的首选服务商
让更多的事业伙伴实现自我价值
Becoming the first choice of fast-installation pipeline system.
Empowering more business partners to achieve their full potential.

03

● 企业价值观 ENTERPRISE VALUES

创新、正直、承诺、贡献、共赢
Integrity, commitment, contribution,
and Win-win Cooperation

SYSTEM FEATURES >> 系统特性

输送介质 (Transportation medium)	
压缩空气、真空、惰性气体 (氦气、氮气、氩气等) Compressed air, vacuum, inert gas (helium, nitrogen, argon and etc.)	
管道规格 (Pipe specification)	
DN20-DN200 ;	
工作压力 (Working pressure)	
16bar	
工作温度 (Working temperature)	
-20°C~ +80°C/-60°C~ +180°C	
材料特性 (Material features)	
喷涂铝, 不锈钢, 工程塑料 Spraying aluminum, stainless steel, engineering plastics	
适用环境 (Applicable environment)	
微腐蚀 Micro-corrosion	机械震动 Mechanical vibration
紫外线 Ultra-violet	热变化环境 Hot changing environment
室外环境 Outdoor environment	含压缩机油环境 Environment with compressor oil

SYSTEM ADVANTAGES >> 系统优点



安全可靠
Safety Reliable



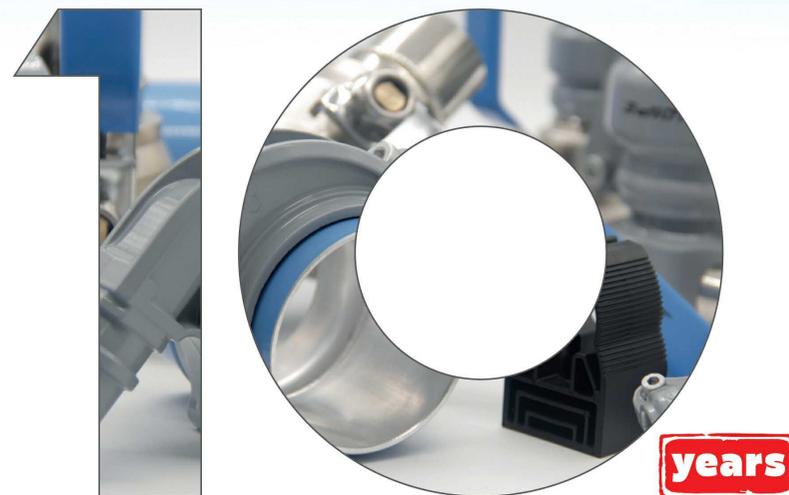
快捷灵活
Fast Convenient



节能环保
Energy Saving



防腐洁净
Anti-corrosion Clean



质量保证

Ten-year Quality Guarantee

产品优势 PRODUCT ADVANTAGE

- ◆ 光洁的内表面
Glossy Inner Surface
- ◆ 异形导流设计
Special Shape Diversion Design
- ◆ 管件全通径设计
Full Size Design of Pipe Fittings
- ◆ 凸环抱箍式安全连接
Safety Connection of Convex Ring Clamp Tyoe
- ◆ 立体式主动密封技术
Three-dimensional Active Sealing Technology
- ◆ 鹅颈式快速连接方式
Goose-Neck Type Fast Connection Design

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压缩空气管道选型表
Compressed Air Pipe Selection Form



流量 Air Flow Qty	长度 Length										空压机 Compressor
	50m	100m	150m	300m	500m	750m	1000m	1300m	1600m	2000m	
立方米/小时											
10	20	20	20	20	20	20	20	25	25	25	1
30	20	20	20	25	25	25	25	25	40	40	3
50	20	25	25	25	25	25	40	40	40	40	5.5
70	25	25	25	25	40	40	40	40	40	40	7.5
100	25	25	25	40	40	40	40	40	40	50	11
150	25	40	40	40	40	40	40	50	50	50	15
250	40	40	40	40	50	50	50	50	50	50	25
350	40	40	40	50	50	50	63	63	63	63	30
500	40	40	50	50	63	63	63	63	63	63	45
750	40	50	50	50	63	63	63	80	80	80	75
1000	50	50	63	63	63	80	80	100	100	100	90
1250	50	50	63	63	63	100	100	100	100	100	110
1500	50	63	63	80	80	100	100	100	100	100	132
1750	63	63	80	80	80	100	100	100	100	125	160
2000	63	80	80	80	100	100	100	100	125	150	200
2500	63	80	80	80	100	100	100	125	150	150	250
3000	80	80	80	100	100	125	125	150	150	150	315
3500	80	80	100	100	100	125	150	150	150	150	355
4000	80	100	100	100	125	150	150	150	150	150	400
4500	80	100	100	125	150	150	150	150	150	150	450
5000	80	100	100	150	150	150	150	150	150	150	500
5500	100	100	100	150	150	150	150	150	150	150	550
6000	100	100	125	150	150	150	150	150	150	150	600
6500	125	125	125	150	150	150	150	150	150	150	650
7000	125	125	150	150	150	150	150	150	200	200	700
7500	150	150	150	150	150	150	150	200	200	200	750
8000	150	200	200	200	200	200	200	200	200	200	800
8500	150	200	200	200	200	200	200	200	200	200	850
9000	200	200	200	200	200	200	200	200	200	200	900
9500	200	200	200	200	200	200	200	200	200	200	950
10000	200	200	200	200	200	200	200	200	200	200	1000

● 根据需要流量及压力降的数值，为您的管路系统选择最合适的管径。
Select the most suitable pipe size for your pipeline system based on the required of flow rate and pressure drop values.

● 表中设定的压力为8bar，压降为5%的一个环形闭合管路系统。
The setting pressure is 8bar in the form. A circular closed pipeline system with a pressure drop of 5%.

举例：主管网系统长度为500米的环形管道
要求流量2000立方米/小时
工作压力8bar
最适合的管径为：DN100

For example: A circular pipeline with a length of 500 meters in the main network system
Required flow rate of 2000 cubic meters/hour
Working pressure 8bar
Most suitable pipe size: DN100

管道压损计算公式：

Pressure Loss Calculation Formula:

$\Delta P = 450 \frac{Q^{1.85} \times L}{D^5 \times P}$

ΔP-----压降，单位：bar
pressure loss, unit: bar

Q-----经过管道的流量，单位：l/s
Flow rate through pipeline, unit: l/s

L-----管道有效长度，（管道长度+配件当量长度）单位：m
useful length of pipe, (length of pipe+ Equivalent length of connectors) unit: m

D-----管道内径，单位：mm
Pipe inside diameter, unit: mm

P-----绝对压力，（即表压+环境压力1bar）单位：bar
Absolute pressure, (Gauge pressure+environmental pressure 1bar) unit: bar



刚性铝管

ALUMINUM PIPE



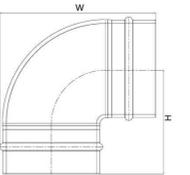
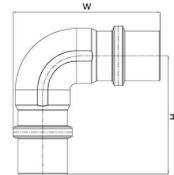
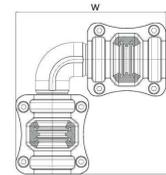
颜色 Color	产品编码 S.N	公称通径 Nominal diameter (mm)	内径 Internal diameter (mm)	外径 Outer diameter (mm)	管道长度 Pipe length (m)
蓝色 Blue	11 0001 00	DN20	Φ17.5	Φ20.2	5.8m
	22 0001 00	DN25	Φ22.5	Φ25.2	5.8m
	44 0001 00	DN40	Φ36.6	Φ40.2	5.8m
	55 0001 00	DN50	Φ46.2	Φ50.2	5.8m
	66 0001 00	DN65	Φ63	Φ67.6	5.8m
	77 0001 00	DN80	Φ80	Φ84.8	5.8m
	88 0001 00	DN100	Φ96.8	Φ101.8	5.8m
	99 0001 00	DN125	Φ119.4	Φ125.2	5.8m
	CC 0001 00	DN148	Φ142.2	Φ148.2	5.8m
	BB 0001 00	DN200	Φ198.2	Φ205.2	5.8m
黄色 Yellow	11 0002 00	DN20	Φ17.5	Φ20.2	5.8m
	22 0002 00	DN25	Φ22.5	Φ25.2	5.8m
	44 0002 00	DN40	Φ36.6	Φ40.2	5.8m
	55 0002 00	DN50	Φ46.2	Φ50.2	5.8m
	66 0002 00	DN65	Φ63	Φ67.6	5.8m
	77 0002 00	DN80	Φ80	Φ84.8	5.8m
	88 0002 00	DN100	Φ96.8	Φ101.8	5.8m
	99 0002 00	DN125	Φ119.4	Φ125.2	5.8m
	CC 0002 00	DN148	Φ142.2	Φ148.2	5.8m
	BB 0002 00	DN200	Φ198.2	Φ205.2	5.8m
灰色 Grey	11 0003 00	DN20	Φ17.5	Φ20.2	5.8m
	22 0003 00	DN25	Φ22.5	Φ25.2	5.8m
	44 0003 00	DN40	Φ36.6	Φ40.2	5.8m
	55 0003 00	DN50	Φ46.2	Φ50.2	5.8m
	66 0003 00	DN65	Φ63	Φ67.6	5.8m
	77 0003 00	DN80	Φ80	Φ84.8	5.8m
	88 0003 00	DN100	Φ96.8	Φ101.8	5.8m
	99 0003 00	DN125	Φ119.4	Φ125.2	5.8m
	CC 0003 00	DN148	Φ142.2	Φ148.2	5.8m
	BB 0003 00	DN200	Φ198.2	Φ205.2	5.8m



弯头

ELBOW

90度弯头 90° Elbow



产品编码 S.N	公称通径 Nominal diameter (mm)	W (mm)	H (mm)
11 0300 01	DN20 (Assembled)	99.5	99.5
22 0300 01	DN25 (Assembled)	105.0	105.0
11 0300 00	DN20	60.1	60.1
22 0300 00	DN25	65.7	65.7
44 0300 00	DN40	97.0	97.0
55 0300 00	DN50	107.0	107.0
66 0300 00	DN65	142.6	142.6
77 0300 00	DN80	161.2	161.2
88 0300 00	DN100	179.7	179.7
99 0300 00	DN125	201.3	201.3
CC 0300 00	DN148	237.9	237.9
BB 0300 00	DN200	295.0	295.0

* 产品编码末尾为xxxxxx00的需要选配同等直径。
* The same size EQUAL PIPE TO PIPE CONNECTOR shall be equipped for product code ends with XXXXXX00.

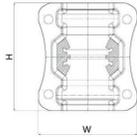


直接

PIPE TO PIPE CONNECTOR

等径直接

Equal Pipe to Pipe Connector



产品编码 S.N	公称直径 Nominal diameter (mm)	W (mm)	H (mm)
11 0200 00	DN20 (铝合金)	48.0	52.0
22 0200 00	DN25 (铝合金)	53.0	52.0
44 0200 00	DN40 (铝合金)	81.0	75.0
55 0200 00	DN50 (铝合金)	91.0	75.0
66 0200 00	DN65 (铝合金)	124.1	106.0
77 0200 00	DN80 (铝合金)	141.3	106.0
88 0200 00	DN100 (铝合金)	158.3	106.0
99 0200 00	DN125 (铝合金)	181.6	106.0
CC 0200 00	DN148 (铝合金)	224.7	140.0
BB 0200 00	DN200 (铝合金)	281.7	140.0

变径直接

Reducing Pipe to Pipe Connector



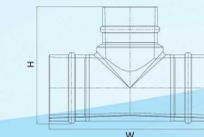
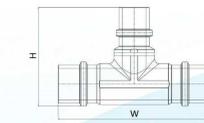
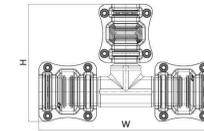
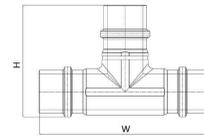
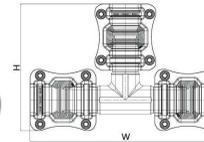
产品编码 S.N	公称直径 Nominal diameter (mm)	L (mm)	H ₁ (mm)	H ₂ (mm)
21 0201 01	DN25-DN20 (Assembled)	40.3	53	48
21 0201 00	DN25-DN20	40.3	53	48
42 0201 00	DN40-DN25	44.7	81	53
54 0201 00	DN50-DN40	54.4	91	81
64 0201 00	DN65-DN40	75.2	124	81
65 0201 00	DN65-DN50	75.2	124.1	91
75 0201 00	DN80-DN50	92.4	141.3	91
76 0201 00	DN80-DN65	92.4	141.3	124.1
86 0201 00	DN100-DN65	109.6	158.3	124.1
87 0201 00	DN100-DN80	109.6	158.3	141.3
97 0201 00	DN125-DN80	132.6	181.6	141.3
98 0201 00	DN125-DN100	132.6	181.6	158.3
C8 0201 00	DN148-DN100	155.6	224.7	158.3
C9 0201 00	DN148-DN125	155.6	224.7	181.6
B9 0201 00	DN200-DN125	212.6	281.7	181.6
BC 0201 00	DN200-DN148	212.6	281.7	224.7

* 产品编码末尾为xxxxxx00的需要选配同口径直接。
* The same size EQUAL PIPE TO PIPE CONNECTOR shall be equipped for product code ends with XXXXXX00.



三通

TEE



等径三通

Equal Tee

产品编码 S.N	公称直径 Nominal diameter (mm)	W (mm)	H (mm)
11 0500 01	DN20 (Assembled)	151.0	99.5
22 0500 01	DN25 (Assembled)	157.0	105.0
11 0500 00	DN20	96.0	60.2
22 0500 00	DN25	102.0	65.6
44 0500 00	DN40	150.0	97.0
55 0500 00	DN50	160.0	107.0
66 0500 00	DN65	210.0	142.6
77 0500 00	DN80	230.0	161.2
88 0500 00	DN100	250.0	179.7
99 0500 00	DN125	274.0	203.3
CC 0500 00	DN148	320.0	237.9
BB 0500 00	DN200	380.0	296.3

* 产品编码末尾为xxxxxx00的需要选配同口径直接。
* The same size EQUAL PIPE TO PIPE CONNECTOR shall be equipped for product code ends with XXXXXX00.

变径三通

Reducing Tee

产品编码 S.N	公称直径 Nominal diameter (mm)	W (mm)	H (mm)
21 0501 01	DN25-DN20 (Assembled)	157.0	105.0
21 0501 00	DN25-DN20	157.0	105.0
42 0501 00	DN40-DN25	148.2	83.0
54 0501 00	DN50-DN40	158.0	107.0
64 0501 00	DN65-DN40	175.0	137.6
65 0501 00	DN65-DN50	210.0	135.6
74 0501 00	DN80-DN40	175.0	156.2
75 0501 00	DN80-DN50	175.0	156.2
76 0501 00	DN80-DN65	230.0	161.2
84 0501 00	DN100-DN40	176.0	174.7
86 0501 00	DN100-DN65	215.0	181.7
87 0501 00	DN100-DN80	250.0	179.7
96 0501 00	DN125-DN65	217.0	204.8
97 0501 00	DN125-DN80	230.0	206.8
98 0501 00	DN125-DN100	274.0	203.3
C6 0501 00	DN148-DN65	240.0	232.4
C7 0501 00	DN148-DN80	260.0	232.4
C8 0501 00	DN148-DN100	280.0	232.4
C9 0501 00	DN148-DN125	320.0	237.9
B4 0501 00	DN200-DN40	200.0	286.3
B5 0501 00	DN200-DN50	200.0	286.3
B6 0501 00	DN200-DN65	220.0	293.3
B7 0501 00	DN200-DN80	235.0	293.3
B8 0501 00	DN200-DN100	250.0	293.3
B9 0501 00	DN200-DN125	280.0	293.3
BA 0501 00	DN200-DN148	330.0	296.3

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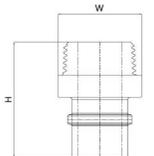
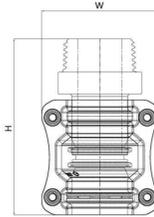


螺纹接头

THREAD CONNECTOR

外螺纹接头

Male Connector

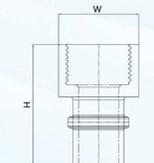
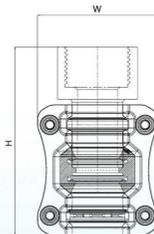


产品编码 S.N	公称直径 Nominal diameter (mm)	W (mm)	H (mm)
1V 0700 01	DN20-R1/2" (Assembled)	48.0	79.5
11 0700 01	DN20-R3/4" (Assembled)	48.0	79.5
2V 0700 01	DN25-R1/2" (Assembled)	53.0	79.5
21 0700 01	DN25-R3/4" (Assembled)	53.0	79.5
22 0700 01	DN25-R1" (Assembled)	53.0	79.5
1V 0700 00	DN20-R1/2"	48.0	79.5
11 0700 00	DN20-R3/4"	48.0	79.5
2V 0700 00	DN25-R1/2"	53.0	79.5
21 0700 00	DN25-R3/4"	53.0	79.5
22 0700 00	DN25-R1"	53.0	79.5
42 0700 00	DN40-R1"	52.5	72.0
44 0700 00	DN40-R1 1/2"	59.0	80.0
54 0700 00	DN50-R1 1/2"	59.0	80.0
55 0700 00	DN50-R2"	70.9	80.0
65 0700 00	DN65-R2"	79.5	100.0
66 0700 00	DN65-R2 1/2"	88.2	102.0
76 0700 00	DN80-R2 1/2"	97.9	102.0
77 0700 00	DN80-R3"	102.3	107.0

* 产品编码末尾为xxxxxx00的需要选配同口径直接。
* The same size EQUAL PIPE TO PIPE CONNECTOR shall be equipped for product code ends with XXXXXX00.

内螺纹接头

Female Connector



产品编码 S.N	公称直径 Nominal diameter (mm)	W (mm)	H (mm)
1V 0600 01	DN20-G1/2" (Assembled)	48.0	75.5
11 0600 01	DN20-G3/4" (Assembled)	48.0	75.5
2V 0600 01	DN25-G1/2" (Assembled)	53.0	75.5
22 0600 01	DN25-G1" (Assembled)	53.0	75.5
23 0600 01	DN25-G1 1/4" (Assembled)	53.0	82.5
1V 0600 00	DN20-G1/2"	48.0	75.5
11 0600 00	DN20-G3/4"	48.0	75.5
2V 0600 00	DN25-G1/2"	53.0	75.5
22 0600 00	DN25-G1"	53.0	75.5
23 0600 00	DN25-G1 1/4"	53.0	82.5
42 0600 00	DN40-G1"	56.0	75.0
43 0600 00	DN40-G1 1/4"	56.0	70.0
44 0600 00	DN40-G1 1/2"	50.0	65.0
54 0600 00	DN50-G1 1/2"	67.0	70.0
55 0600 00	DN50-G2"	56.0	75.0
65 0600 00	DN65-G2"	83.0	94.0
66 0600 00	DN65-G2 1/2"	75.0	92.0
76 0600 00	DN80-G2 1/2"	92.0	94.0
77 0600 00	DN80-G3"	96.0	99.0

* 产品编码末尾为xxxxxx00的需要选配同口径直接。
* The same size EQUAL PIPE TO PIPE CONNECTOR shall be equipped for product code ends with XXXXXX00.

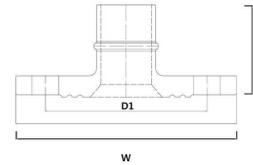


法兰接头

FLANGE

等径法兰

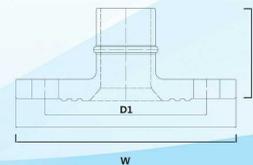
Equal Flange



产品编码 S.N	公称直径 Nominal diameter (mm)	W (mm)	H (mm)
11 0800 00	DN20	105.0	41.5
22 0800 00	DN25	115.0	41.5
44 0800 00	DN40	150.0	62.5
55 0800 00	DN50	165.0	62.5
66 0800 00	DN65	185.0	88.0
77 0800 00	DN80	200.0	88.0
88 0800 00	DN100	220.0	88.0
99 0800 00	DN125	250.0	89.0
CC 0800 00	DN148	285.0	102.0
BB 0800 00	DN200 (12holes)	340.0	102.0
BB 0802 00	DN200 (8holes)	340.0	102.0

变径法兰

Reducing Flange



产品编码 S.N	公称直径 Nominal diameter (mm)	W (mm)	H (mm)
56 0801 00	DN50-DN65	165.0	85.0
65 0801 00	DN65-DN80	185.0	70.0
67 0801 00	DN65-DN80	185.0	88.0
76 0801 00	DN80-DN65	200.0	87.5
78 0801 00	DN80-DN100	200.0	87.5
86 0801 00	DN100-DN65	220.0	87.5
87 0801 00	DN100-DN80	220.0	87.5
89 0801 00	DN100-DN125	220.0	87.5
97 0801 00	DN125-DN80	250.0	88.5
98 0801 00	DN125-DN100	250.0	88.5
9C 0801 00	DN125-DN148	250.0	92.5
C8 0801 00	DN148-DN100	240	285
C9 0801 00	DN148-DN125	240	285
C8 0801 00	DN148-DN200	240	285
BC 0801 00	DN200-DN148(12holes)	295	340
B9 0801 00	DN200-DN125(12holes)	295	340
B8 0801 00	DN200-DN100(12holes)	295	340

内丝法兰

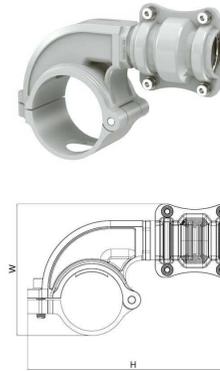
Female Flange



产品编码 S.N	公称直径 Nominal diameter (mm)	D1 (mm)	D2 (mm)
42 0802 00	DN40-G1"	110	150
44 0802 00	DN40-G1 1/2"	110	150
52 0802 00	DN50-G1"	125	165
54 0802 00	DN50-G1 1/2"	125	165
62 0802 00	DN65-G1"	145	185
64 0802 00	DN65-G1 1/2"	145	185
72 0802 00	DN80-G1"	160	200
74 0802 00	DN80-G1 1/2"	160	200
75 0802 00	DN80-G2"	160	200
82 0802 00	DN100-G1"	180	220
84 0802 00	DN100-G1 1/2"	180	220
85 0802 00	DN100-G2"	180	220
92 0802 00	DN125-G1"	210	250
94 0802 00	DN125-G1 1/2"	210	250
95 0802 00	DN125-G2"	210	250
96 0802 00	DN125-G2 1/2"	210	250

90°快换接头组合件

90°Quick Drop (Assembled)



产品编码 S.N	公称直径 Nominal diameter (mm)	W (mm)	H (mm)
41 0900 01	DN40-DN20 (铝合金)	88.0	139.0
42 0900 01	DN40-DN25 (铝合金)	90.0	141.0
51 0900 01	DN50-DN20 (铝合金)	98.0	145.0
52 0900 01	DN50-DN25 (铝合金)	99.0	148.0
61 0900 01	DN65-DN20 (铝合金)	113.0	152.0
62 0900 01	DN65-DN25 (铝合金)	117.0	154.0
71 0900 01	DN80-DN20 (铝合金)	131.0	165.0
72 0900 01	DN80-DN25 (铝合金)	133.0	167.0
81 0900 01	DN100-DN20 (铝合金)	149.0	178.0
82 0900 01	DN100-DN25 (铝合金)	150.0	180.0
91 0900 01	DN125-DN20 (铝合金)	172.0	209.0

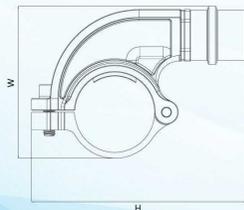


快换接头

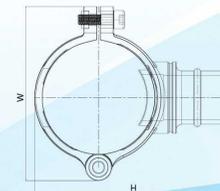
QUICK DROP

90°快换接头

90°Quick Drop



产品编码 S.N	公称直径 Nominal diameter (mm)	W (mm)	H (mm)
41 0900 00	DN40-DN20	88.0	139.0
42 0900 00	DN40-DN25	90.0	141.0
51 0900 00	DN50-DN20	98.0	145.0
52 0900 00	DN50-DN25	99.0	148.0
61 0900 00	DN65-DN20	113.0	152.0
62 0900 00	DN65-DN25	117.0	154.0
71 0900 00	DN80-DN20	131.0	165.0
72 0900 00	DN80-DN25	133.0	167.0
81 0900 00	DN100-DN20	149.0	178.0
82 0900 00	DN100-DN25	150.0	180.0
91 0900 00	DN125-DN20	172.0	209.0
92 0900 00	DN125-DN25	176.0	208.0



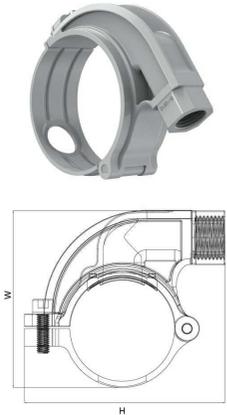
180°快换接头

180°Quick Drop

产品编码 S.N	公称直径 Nominal diameter (mm)	W (mm)	H (mm)
74 0901 00	DN80-DN40	132.5	151.4
75 0901 00	DN80-DN50	131.8	151.5
84 0901 00	DN100-DN40	148.5	171.8
85 0901 00	DN100-DN50	148.5	171.8
94 0901 00	DN125-DN40	179.3	190.0
95 0901 00	DN125-DN50	178.4	189.0
C1 0900 01	DN148-DN20	188	235
C2 0900 01	DN148-DN25	190	235
C4 0901 00	DN148-DN40	204.6	217.0
C5 0901 00	DN148-DN50	204.6	217.0
C6 0901 00	DN148-DN65	204.3	230.1
B1 0900 01	DN200-DN20	240	288
B2 0900 01	DN200-DN25	242	288
B4 0901 00	DN200-DN40	284.2	274.1
B5 0901 00	DN200-DN50	284.2	274.1
B6 0901 00	DN200-DN65	284.2	274.1
B7 0901 00	DN200-DN80	284.2	274.1

快换内螺纹接头

Quick Drop with Female Thread



产品编码 S.N	公称直径 Nominal diameter (mm)	W (mm)	H (mm)
2V 0900 00	DN25-G1/2"	71.0	78
4V 0900 00	DN40-G1/2"	58.8	84
5V 0900 00	DN50-G1/2"	62.8	100
6V 0900 00	DN65-G1/2"	71.5	109
7V 0900 00	DN80-G1/2"	80.0	127
8V 0900 00	DN100-G1/2"	88.6	145
9V 0900 00	DN125-G1/2"	100.1	168

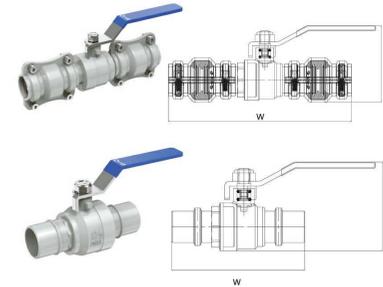


阀门

VALVE

对插球阀

Double Side Plug Ball Valve

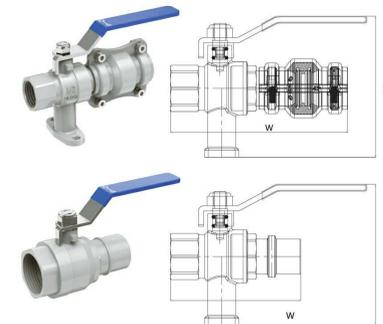


产品编码 S.N	公称直径 Nominal diameter (mm)	W (mm)	H (mm)
11 1000 41	DN20 (Assembled)	165.0	70.0
22 1000 41	DN25 (Assembled)	174.0	82.0
11 1000 40	DN20	165.0	70.0
22 1000 40	DN25	174.0	82.0
44 1000 40	DN40	221.0	109.0
55 1000 40	DN50	214.0	127.0
66 1000 40	DN65	326.0	165.0
77 1000 40	DN80	220	175

* 产品编码末尾为xxxxxx40的需要选配同等直径。
* The same size EQUAL PIPE TO PIPE CONNECTOR shall be equipped for product code ends with XXXXXX40.

单插内丝球阀

Single Side Plug Female Ball Valve

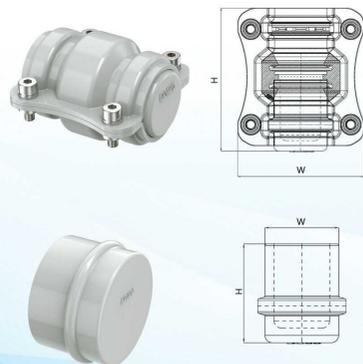


产品编码 S.N	公称直径 Nominal diameter (mm)	W (mm)	H (mm)
1V 1001 41	DN20-G1/2" (Assembled)	120.0	87.0
2V 1001 41	DN25-G1/2" (Assembled)	123.0	87.0
22 1001 41	DN25-G1" (Assembled)	140.0	95.0
1V 1001 40	DN20-G1/2"	120.0	87.0
2V 1001 40	DN25-G1/2"	123.0	87.0
22 1001 40	DN25-G1"	140.0	95.0
44 1001 40	DN40-G1 1/2"	193.0	108.0
55 1001 40	DN50-G2"	194.0	118.0
66 1001 40	DN65-G2 1/2"	190	153

* 产品编码末尾为xxxxxx40的需要选配同等直径。
* The same size EQUAL PIPE TO PIPE CONNECTOR shall be equipped for product code ends with XXXXXX40.

堵头

END CAP



产品编码 S.N	公称直径 Nominal diameter (mm)	W (mm)	H (mm)
11 0400 01	DN20 (Assembled)	48.0	54.7
22 0400 01	DN25 (Assembled)	53.0	54.7
11 0400 00	DN20	48.0	54.7
22 0400 00	DN25	53.0	54.7
44 0400 00	DN40	43.8	43.2
55 0400 00	DN50	53.8	43.2
66 0400 00	DN65	75.2	58.2
77 0400 00	DN80	92.4	58.2
88 0400 00	DN100	109.6	58.2
99 0400 00	DN125	132.6	70.0
CC 0400 00	DN148	155.6	75.0
BB 0400 00	DN200	212.6	75.0

* 产品编码末尾为xxxxxx00的需要选配同等直径。
* The same size EQUAL PIPE TO PIPE CONNECTOR shall be equipped for product code ends with XXXXXX00.

内外丝球阀

Male-Female Ball Valve



产品编码 S.N	公称直径 Nominal diameter (mm)	W (mm)	H (mm)
11 1001 11	G3/4"-R3/4" (铝合金)	60.0	28.0
22 1002 11	G1"-R1" (铝合金)	60.0	33.0
44 1002 11	G1/2"-R1/2" (铝合金)	77.0	38.0

对插手柄蝶阀

Double Side Plug Handle Butterfly Valve

产品编码 S.N	公称直径 Nominal diameter (mm)	W (mm)	H (mm)
77110040	DN80	450	252
88110040	DN100	456	286

双内丝球阀

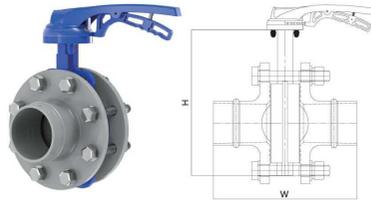
Double Side Female Ball Valve



产品编码 S.N	公称直径 Nominal diameter (mm)	W (mm)	H (mm)
11100311	G3/4" (铝合金)	100.0	28.0
22100311	G1" (铝合金)	100.0	33.0
33100311	G1"-1/4" (铝合金)	80.0	40.0
44100311	G1-1/2" (铝合金)	105.0	65.0
55100311	G2" (铝合金)	115.0	75.0
VV100311	G1/2" (铝合金)	49.3	56.8

手柄蝶阀

Handle Butterfly Valve

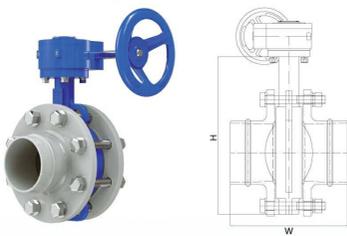


产品编码 S.N	公称直径 Nominal diameter (mm)	W (mm)	H (mm)
66 1100 10	DN65	221	223
77 1100 10	DN80	222	249
88 1100 10	DN100	228	283

* 所有接头需另配同口径直接。常温阀门应用于常温场景，NBR阀座，SS304阀板，手柄颜色为蓝色。
* All the connectors need to be equipped with pipe to pipe connector, Normal temperature valves are used in normal temperature site, with NBR valve seats and SS304 valve plates, and the handle color is blue.

涡轮蝶阀

Turbine Butterfly Valve

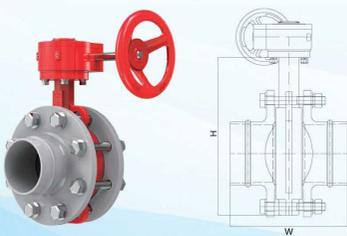


产品编码 S.N	公称直径 Nominal diameter (mm)	W (mm)	H (mm)
66 1101 10	DN65	220.0	185.0
77 1101 10	DN80	220.0	200.0
88 1101 10	DN100	230.0	220.0
99 1101 10	DN125	230.0	250.0
CC 1101 10	DN148	260.0	286.0
BB 1101 10	DN200	265.0	345.0

* 所有接头需另配同口径直接。常温阀门应用于常温场景，NBR阀座，SS304阀板，手柄颜色为蓝色。
* All the connectors need to be equipped with pipe to pipe connector, Normal temperature valves are used in normal temperature site, with NBR valve seats and SS304 valve plates, and the handle color is blue.

涡轮蝶阀 (高温型)

Turbine Butterfly valve (High Temperature)



产品编码 S.N	公称直径 Nominal diameter (mm)	W (mm)	H (mm)
66 1101 30	DN65	220.0	185.0
77 1101 30	DN80	220.0	200.0
88 1101 30	DN100	230.0	220.0
99 1101 30	DN125	230.0	250.0
CC 1101 30	DN148	260.0	286.0
BB 1101 30	DN200	265.0	345.0

* 所有接头需另配同口径直接。高温阀门应用于空压机及高温设备出口，PTFE阀座，SS304阀板，手柄颜色为红色。
* All the connectors need to be equipped with pipe to pipe connector, High temperature valves are used for air compressors and high-temperature equipment outlets, with PTFE valve seats, SS304 valve plates, and red handle color.



仪器仪表

INSTRUMENTS AND METERS

流量计

Flowmeter



产品编码 S.N	产品描述 Product Description	D1	D2
44 1602 00	Vortex flow meter, lithium battery, DN40, Plus 485 communication, Add temperature and pressure compensation 涡街流量计, 锂电池, DN40, 加485通讯, 加温度压力补偿	110	150
55 1602 00	Vortex flow meter, lithium battery, DN50, Plus 485 communication, Add temperature and pressure compensation 涡街流量计, 锂电池, DN50, 加485通讯, 加温度压力补偿	125	165
66 1602 00	Vortex flow meter, lithium battery, DN65, Plus 485 communication, Add temperature and pressure compensation 涡街流量计, 锂电池, DN65, 加485通讯, 加温度压力补偿	145	185
77 1602 00	Vortex flow meter, lithium battery, DN80, Plus 485 communication, Add temperature and pressure compensation 涡街流量计, 锂电池, DN80, 加485通讯, 加温度压力补偿	160	200
88 1602 00	Vortex flow meter, lithium battery, DN100, Plus 485 communication, Add temperature and pressure compensation 涡街流量计, 锂电池, DN100, 加485通讯, 加温度压力补偿	180	220
99 1602 00	Vortex flow meter, lithium battery, DN125, Plus 485 communication, Add temperature and pressure compensation 涡街流量计, 锂电池, DN125, 加485通讯, 加温度压力补偿	210	250
AA 1602 00	Vortex flow meter, lithium battery, DN148, Plus 485 communication, Add temperature and pressure compensation 涡街流量计, 锂电池, DN148, 加485通讯, 加温度压力补偿	240	285
BB 1602 00	Vortex flow meter, lithium battery, DN200, Plus 485 communication, Add temperature and pressure compensation 涡街流量计, 锂电池, DN200, 加485通讯, 加温度压力补偿	295	340



压力表

Pressure Gauge

产品编码 S.N	产品描述 Product Description	压力范围 Grade	接口尺寸 Size of interface
VV 1701 00	压力表 (不抗震) Pressure Gauge (non-seismic)	16Bar	Inner filament 内丝1/2"
VV 1702 00	压力表 (抗震) Pressure Gauge (seismic)	16Bar	Inner filament内丝 1/2"
VV 1703 00	抗震管Copper shock absorber	16Bar	Inner filament 内丝1/2" - outer filament 外丝1/2"

分气装置

Atmolysis Device



产品编码 S.N	产品描述 Product Description
VX 1805 00	壁式分气座Wall type atmolysis bag ,G1/2" ,2 G1/4 "exits出口
VX 1806 00	壁式分气座Wall type atmolysis bag ,G1/2" ,3 G1/4 "exits出口
VX 1807 00	壁式分气座Wall type atmolysis bag ,G1/2" ,4 G1/4 "exits出口
2V 1808 00	分气包Atmolysis bag ,DN25,6 G1/2" exits出口



排水器

Automatic Drainer

产品编码 S.N	产品描述 Product Description
VV 1704 00	排水器Drainer, G1/2" (Level automatic)液位自动式
VV 1705 00	排水器Drainer, G1/2" (electronic, voltage 220V)电子式, 电压220V

气动接头

Pneumatic Connctor



产品编码 S.N	产品描述 Product Description
VV 1801 00	单通气动接头Single head pneumatic connctor, 外螺纹male G1/2 "
VV 1802 00	两通气动接头Double heads pneumatic connctor, 外螺纹 male G1/2 "
VV 1803 00	三通气动接头Three heads pneumatic connctor,外螺纹 male G1/2 "



三联件

Frls

产品编码 S.N	产品描述 Product Description	W (mm)	H (mm)
VV 1706 00	过滤减压阀Filter regulator,1/2"	50	50
11 1707 00	过滤减压阀Filter regulator,3/4"	50	50
22 1708 00	过滤减压阀Filter regulator,1"	50	50
VV 1709 00	二联件Duplex,1/2"	104	204
11 1710 00	二联件Duplex,3/4"	104	204
22 1711 00	二联件Duplex,1"	104	250
VV 1712 00	三联件Triplet,1/2"	104	204
11 1713 00	三联件Triplet,3/4"	104	204
22 1714 00	三联件Triplet,1"	104	250

金属软管

METALL FLEXIBLE HOSE



产品编码 S.N	公称通径 Nominal diameter (mm)	W (mm)	H (mm)
11 1400 10	DN20	500	30.0
22 1400 10	DN25	500	36.0
44 1400 10	DN40	500	40.0
55 1400 10	DN50	500	50.0
66 1400 10	DN63	500	68.0
77 1400 10	DN80	500	85.0
88 1400 10	DN100	500	105.0
99 1400 10	DN125	500	125.0
CC 1400 10	DN148	500	148.0
BB 1400 10	DN200	500	205.0

低噪音气枪

Low Noise Pressure Blower



产品编码 S.N	产品描述 Product Description
WW 1804 20	低噪音气枪Low noise pressure blower



固定管夹

FIXED CLAMP



产品编码 S.N	公称直径 Nominal diameter (mm)	W (mm)	H (mm)
11 1500 20	DN20 (塑料) Plastic	32	40
22 1500 20	DN25 (塑料) Plastic	38	40
44 1500 20	DN40 (塑料) Plastic	60	70
55 1500 20	DN50 (塑料) Plastic	75	70
66 1500 20	DN65 (塑料) Plastic	94	70
77 1500 20	DN80 (塑料) Plastic	120	100
88 1500 20	DN100 (塑料) Plastic	140	120
99 1500 20	DN125 (塑料) Plastic	175	216
CC 1501 30	DN148 (U型管夹) U-type Metal Clamp	205	243
BB 1501 30	DN200 (U型管夹) U-type Metal Clamp	255	296



法兰螺丝及垫片

Flange Screws and Gaskets

产品编码 S.N	产品描述 Product Description
11 1930 11	M12*5cm, 4套 (螺栓+螺母+2平垫+1弹垫), DN20法兰垫片 M12*5cm, 4set (Screw+nut+2 flat washers+1 spring washer), DN20 flange gasket
22 1931 11	M12*5cm, 4套 (螺栓+螺母+2平垫+1弹垫), DN25法兰垫片 M12*5cm, 4set (Screw+nut+2 flat washers+1 spring washer), DN25 flange gasket
33 1932 11	M16*7cm, 4套 (螺栓+螺母+2平垫+1弹垫), DN32法兰垫片 M16*7cm, 4set (Screw+nut+2 flat washers+1 spring washer), DN32 flange gasket
44 1933 11	M16*7cm, 4套 (螺栓+螺母+2平垫+1弹垫), DN40法兰垫片 M16*7cm, 4set (Screw+nut+2 flat washers+1 spring washer), DN40 flange gasket
55 1934 11	M16*7cm, 4套 (螺栓+螺母+2平垫+1弹垫), DN50法兰垫片 M16*7cm, 4set (Screw+nut+2 flat washers+1 spring washer), DN50 flange gasket
66 1935 11	M16*7cm, 8套 (螺栓+螺母+2平垫+1弹垫), DN65法兰垫片 M16*7cm, 8set (Screw+nut+2 flat washers+1 spring washer), DN65 flange gasket
77 1936 11	M16*7cm, 8套 (螺栓+螺母+2平垫+1弹垫), DN80法兰垫片 M16*7cm, 8set (Screw+nut+2 flat washers+1 spring washer), DN80 flange gasket
88 1937 11	M16*7cm, 8套 (螺栓+螺母+2平垫+1弹垫), DN100法兰垫片 M16*7cm, 8set (Screw+nut+2 flat washers+1 spring washer), DN100 flange gasket
99 1938 11	M16*7cm, 8套 (螺栓+螺母+2平垫+1弹垫), DN125法兰垫片 M16*7cm, 8set (Screw+nut+2 flat washers+1 spring washer), DN125 flange gasket
AA 1939 11	M20*9cm, 8套 (螺栓+螺母+2平垫+1弹垫), DN150法兰垫片 M20*9cm, 8set (Screw+nut+2 flat washers+1 spring washer), DN150 flange gasket
BB 1940 11	M20*9cm, 8套 (螺栓+螺母+2平垫+1弹垫), DN200法兰垫片 M20*9cm, 8set (Screw+nut+2 flat washers+1 spring washer), DN200 flange gasket
BB 1941 11	M20*9cm, 12套 (螺栓+螺母+2平垫+1弹垫), DN200法兰垫片 M20*9cm, 12set (Screw+nut+2 flat washers+1 spring washer), DN200 flange gasket



安装辅材

INSTALL ACCESSORIES



产品编码 S.N	产品描述 Product Description	规格 Specification
TT 1901 30	悬臂支架 Cantilever bracket	300mm
TT 1902 30	悬臂支架 Cantilever bracket	500mm
TT 1904 30	轻型可伸缩支架 Light adjustable bracket	1200mm-2400mm
TT 1906 30	三角形重型支架 Triangle heavy-duty bracket 电压220V	400mm*400mm
TT 1957 30	自锁悬臂支架, 30cm Self-locking cantilever bracket, 30cm	300mm
TT 1958 30	自锁悬臂支架, 50cm Self-locking cantilever bracket, 50cm	500mm

支架系列

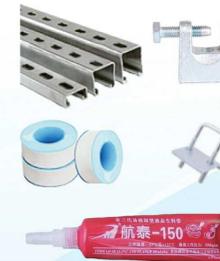
Mounting Brackets



产品编码 S.N	产品描述 Product Description
XX 1907 30	丝杆连接扣 Lead screw connection, M8, 4cm, 镀白锌 (用于丝杆延伸加长) white zinc plated (for lead screw extension)
XX 1908 30	螺纹连接杆 Threaded connection rod, M8, 3cm, 镀白锌 white zinc plated

连接丝杆

Screw Rod



其它辅材产品

Other Accessories

产品编码 S.N	产品描述 Product Description
TT 1916 30	老虎牙, 三向开口, 开口2.5CM Tiger teeth, three-way aperture, aperture 2.5cm
TT 1917 30	压板 Pressing plate 70*45mm
TT 1918 30	C型钢 C-profile steel 41*41 (3m)
TT 1919 30	C型钢底座 C-profile steel base, 配合match with 4r1*41mm, C型钢使用For C-profile steel
TT 1920 30	L型连接片 L-type connection strap, 90MM
TT 1921 00	生料带 Teflon tape
TT 1922 00	螺纹密封胶 Thread sealant



安装工具

TOOLS

裁切工具

Cutting Tools



产品编码 S.N	产品描述 Product Description
TT 2001 01	手动切管器Manual pipe cutter, 6mm-64mm (国产Made in China)
TT 2001 00	手动切管器Manual pipe cutter, 6mm-64mm (里奇RIDGID)
TT 2002 00	手动切管器Manual pipe cutter, 20mm-110mm (里奇RIDGID)
TT 2003 00	手动切管器Manual pipe cutter, 20mm-160mm (里奇RIDGID)
TT 2004 00	电动切管机Automatic pipe cutter, 20mm-219mm
TT 2005 00	手动切管器配套刀片Blade for manual pipe cutter, 6mm-64mm
TT 2006 00	手动切管器配套刀片Blade for manual pipe cutter, 20mm-110mm
TT 2007 00	手动切管器配套刀片Blade for manual pipe cutter, 20mm-160mm
TT 2008 00	电动切管机配套刀片Blade for automatic pipe cutter, 20mm-219mm

去毛刺工具

Deburring



产品编码 S.N	产品描述 Product Description
TT 2009 00	管去毛刺器, 适用于DN20-DN50 Deburring device for pipe, applicable for DN20-DN50
TT 2010 00	毛刺刀, 适用所有开孔孔径 Deburring cutter, applicable for all apertures
TT 2011 00	锉刀, 用于铝管口去毛刺File, for deburring the aluminum tube

开孔器工具

Drilling Tool



产品编码 S.N	产品描述 Product Description
TT 2012 00	开孔器, 适用于14mm孔径 Tapper, applicable for diameter of 14mm
TT 2013 00	开孔器, 适用于22mm孔径Tapper, applicable for diameter of 22mm
TT 2014 00	开孔器, 适用于43mm孔径Tapper, applicable for diameter of 43mm
TT 2015 00	开孔器钻头手柄Drill handle of tapper (14-30mm)
TT 2016 00	开孔器钻头手柄Drill handle of tapper (32-210mm)

备注: 开孔器 TT 2012 00和 TT 2013 00配手柄 TT 2015 00, TT 2014 00配手柄 TT 2016 00 ;
Remark: Tapper TT2012 00 and TT 2013 00 will be equipped with TT 2015 00 and TT 2014 00 will be equipped with TT 2016 00;



TT 2020 00

手动凸管机

Manual Lugging Machine

产品编码 S.N	产品描述 Product Description
TT 2020 00	手动地面型凸管机 Manual ground type lugging machine 适用于DN40-DN200铝管 Applicable for DN40-DN200 aluminum pipe



电动凸管机

Electric Lugging Machine

产品编码 S.N	产品描述 Product Description
JY6C0048	电动地面型凸管机 Electric lugging machine 适用于DN65-DN200铝管Applicable for DN65-DN200 aluminum pipe
TT2021 00	便携式电动地面凸管机, Portable electric lugging machine 适用于DN40-DN200铝管Applicable for DN40-DN200 aluminum pipe

*备注: 适用大规模施工。 Remark: Suitable for large-scale construction



TT 2018 00



TT 2017 00

演示箱

Demonstration Box

工具箱清单

Tool Box List

序号 Item	名称 Name	数量 Qty	描述 Description
1	工具箱Tool box (TT 2017 00)	1个 (pcs)	样式会因不同采购批次而略有差异 The style may vary slightly depending on different procurement batches
2	手动切管器(世达)Manual pipe cutter	1把 (pcs)	适用于DN20-DN50管子切割 For pipe size DN20-DN50
3	开孔器Hole opener	1个 (pcs)	适用于14mm孔径 For 14mm hole
4	开孔器Hole opener	1个 (pcs)	适用于22mm孔径 For 22mm hole
5	开孔器Hole opener	1个 (pcs)	适用于43mm孔径 For 43mm hole
6	开孔器钻头手柄Hole opener handle	1个 (pcs)	适用于14-30mm开孔器 For 14-30mm hole opener
7	开孔器钻头手柄Hole opener handle	1个 (pcs)	适用于32-210mm开孔器 For 32-210mm hole opener
8	管去毛刺器Deburring tool	1个 (pcs)	适用于DN20-DN50管子 For pipe size DN20-DN50
9	孔去毛刺刀Hole deburring knife	1个 (pcs)	适用所有开孔孔径 For all hole size
10	内六角扳手Hexwrench	1套 (unit)	1.5mm-10mm
11	电动扳手Electric wrench	1把 (pcs)	配1块电池 With 1 battery
12	记号笔Marking pen	1支 (pcs)	
13	卷尺Tape measure	1把 (pcs)	10米10 m

备注: 工具箱样式根据采购批次与图片略有不同。
Remark: Tool box styles vary slightly according to purchase lot and picture.



安装指导说明

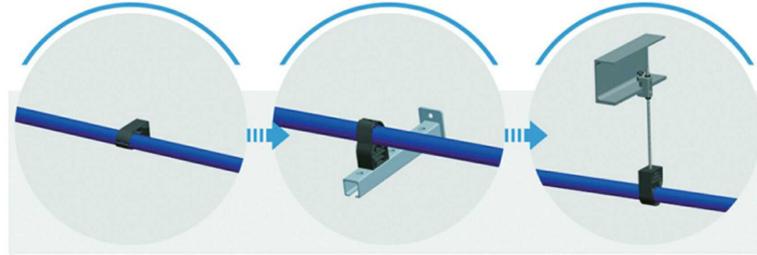
INSTALLATION INSTRUCTIONS

管道固定说明

Instruction of pipeline fixation



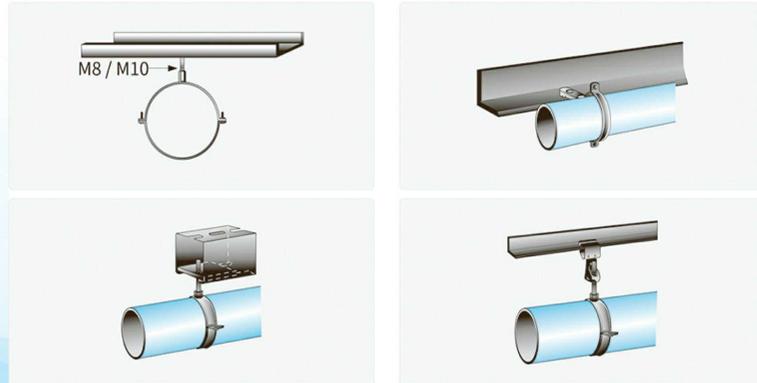
Φ (mm)	L (m)	Dmax(m)
20	5.8	2.5
25	5.8	2.5
40	5.8	3.0
50	5.8	3.0
65	5.8	3.0
80	5.8	3.0
100	5.8	4.0
125	5.8	4.0
148	5.8	5.0
200	5.8	5.0



管夹直接固定
Fix with the pipe clamp directly

悬臂支架固定
Fix with the cantilever bracket

丝杆固定
Fix with screw rod

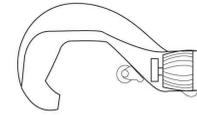


DN20-DN25安装指导说明

Installation Instruction For DN20-DN25



安装工具 Installation tools



割刀
Cutter



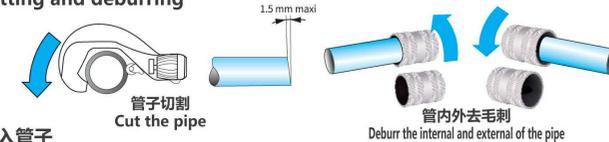
去毛刺器
Deburring machine



3#六角扳手
3# hexagon wrench

安装步骤 Steps

a) 切管与去毛刺 Cutting and deburring



b) 插入管子 Insert the pipe



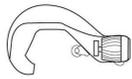
备注 Remark :

- 管子与管子的安装，直接接头需要两端带钢齿；
The direct adapter shall have steel tooth at both end while installing the pipes
- 弯头、三通、螺纹接头、阀门连接时，采用本体的凹凸限位连接不需要加钢齿；
When connect the elbow, tee, thread adapter and valve, the steel tooth will not be necessary, use the concave-convex limit instead;
- 管子与配件连接则无凹凸端需要加入钢齿。
The steel tooth will be needed to connect the pipe and fittings.
- 螺栓锁紧扭力为4N□m。
The bolt locking torque is 4N□m.



DN40-DN200安装指导说明
Installation Instruction For DN40-DN200

安装工具
Installation tools



割刀
Cutter



电动切管机
Automatic pipe cutter



去毛刺器
Deburring machine



六角扳手
hexagon wrench



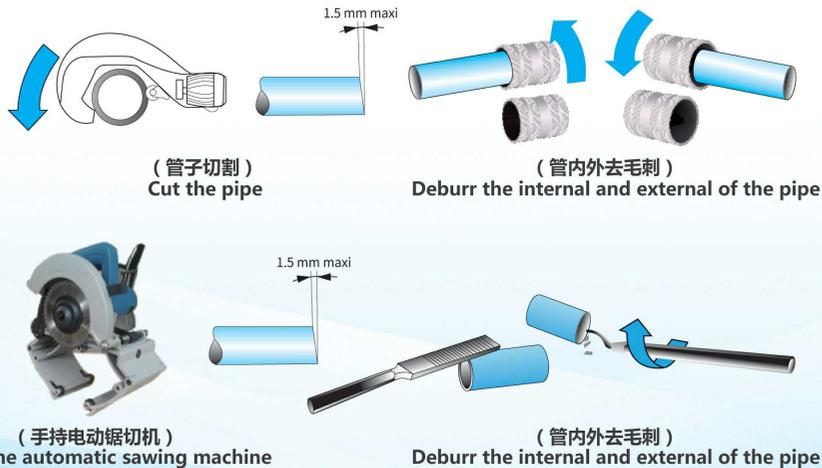
锉刀
File



凸管机
Convex pipe machine

安装步骤
Steps

a) 切管与去毛刺
Cutting and deburring



b) 凸环

● 第一步 备管

准备好需要凸环的管子，注意管子端口裁切垂直度=90°±1°；

● 第二步 装夹

将需要凸环的管子，装置于准备好的凸管机上，需凸环端端口与凸管机下凸轮挡块齐平，另一端放置于托管支架上，调整托管支撑架高度，让管子托架端略高于凸环端；（以防凸环作业时管子向外移动）

● 第三步 凸环

转动下压操作盘，使其上凹轮压紧管子，转动旋转手柄带动下凸轮转动，同时带动管子旋转，重复此操作步骤至下压凹轮限位（限制凸环高度）；

● 第四步 卸管

反向转动下压操作盘，上凹轮上升松开管子，取出凸好的管子。

b) Bulge loop

● Step 1 Prepare the pipes

Prepare the pipes for bulge loop, pay attention to the end of pipe and the cutting perpendicularity =90°±1°；

● Step 2 Load the clamp

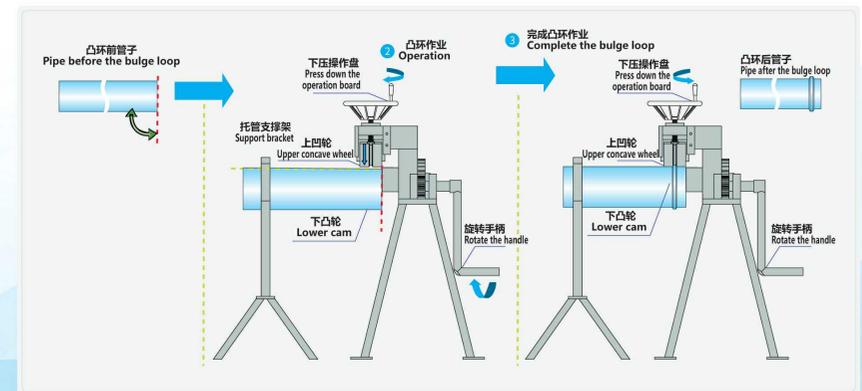
Prepare the pipes for bulge loop and mount it to the convex pipe machine. The end for bulge loop shall be flush to the lower cam stop of the convex pipe machine. Place the other end on the support bracket, adjust the height so that the bracket will be slightly higher than the end of bulge loop; (Avoid the pipe moving the outward when operation)

● Step 3 Bulge loop

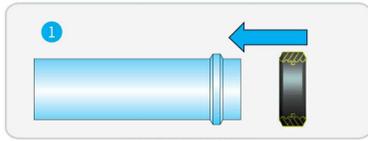
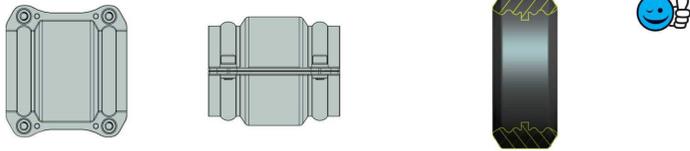
Turn and press the operation board downward so that the concave wheel can press the pipe tight, turn and rotate the handle to move the lower cam as well as the pipe, repeat this step until it reaches to the limit of concave wheel (to limit the height of bulge loop);

● Step 4 Dismount the pipe

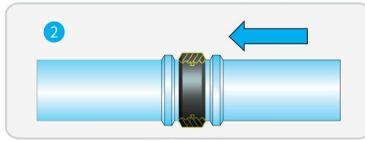
Turn and press the operation board reversely, the upper concave wheel will ascend and loosen the pipe, take it out.



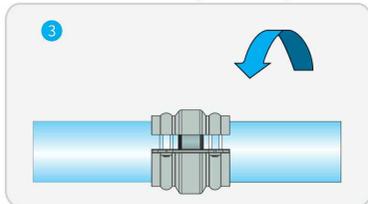
管子与管子安装说明
Installation instruction for pipes



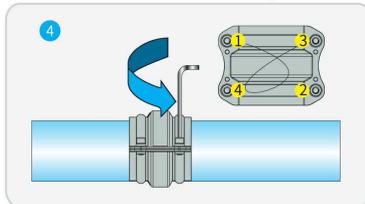
1 水平方向导入密封圈
Lead the seal ring horizontally



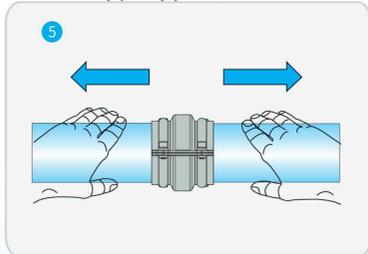
2 导入密封圈限位
Lead to the limit of seal ring



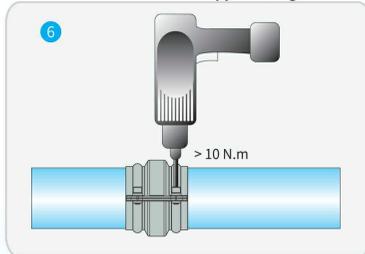
3 合上直接本体
Close the pipe to pipe connector



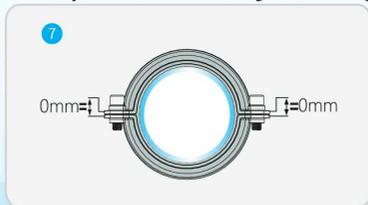
4 对角锁上螺丝
Fasten the screw from opposite angle



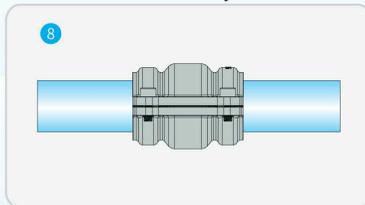
5 轴向转动，保证密封件吻合
Turn axially so as to ensure the fitting of the seal ring



6 加强紧固
Fasten securely

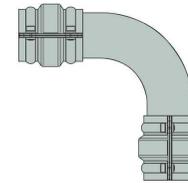


7 闭口间隙
Close the gap

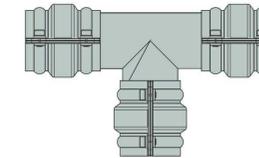


8 装配完成
Complete the assembly

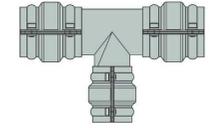
配件与配件安装，配件与管子安装说明
Installation instruction for fittings and pipes



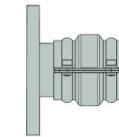
弯头接头
Elbow adapter



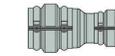
等径三通接头
Equal tee adapter



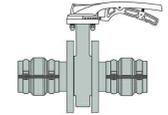
变径三通接头
Reducing tee adapter



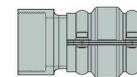
法兰接头
Flange adapter



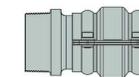
变径直接接头
Adapter for reducing pipe to
Pipe connector



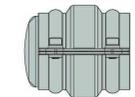
对夹蝶阀接头
Adapter for butt clamp
butterfly valve



内螺纹接头
Internal thread connector



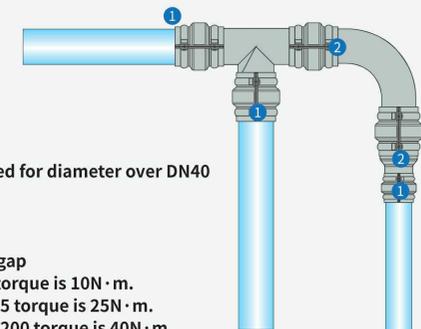
外螺纹接头
External thread connector



堵头接头
End cap adapter

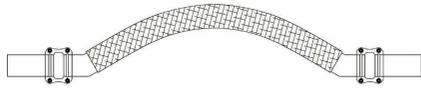
备注 Remark :

- 接头与管子连接
Connect the adapter and pipe
- 接头与接头连接
Connect the adapters
- DN40以上管径采用凸环连接
Bulge loop connection shall be applied for diameter over DN40
连接必须保持水平
- 所有接头必须锁紧无间隙
All adapters must be closed without gap
- DN40-50扭力为10N·m。The DN40-50 torque is 10N·m。
DN65-125扭力为25N·m。The DN65-125 torque is 25N·m。
DN148-200扭力为40N·m。The DN148-200 torque is 40N·m。



金属软管安装方式

Installation of metal flexible hose



DN20-DN100



DN125-DN200

备注: 1. 直线长度大于50米, 建议安装;

Remark It is recommended to install for the linear length over 50m;

2. 金属软管可有效减少管道安装应力, 吸收管道轴向、横向、角向冷热变形;

The METAL FLEXIBLE HOSE can effectively reduce the stress of pipe installation and absorb the cold and hot deformation in axial, lateral and angular direction.

3. 可补偿管道的位置移动, 吸收管道系统的振动。

It can compensate the displacement of pipeline and absorb the vibration of pipeline.

快换接头安装说明

Installation instruction for quick-change connector



安装工具

Installation tools



手电枪
Flashlight gun



开孔器
Tapper



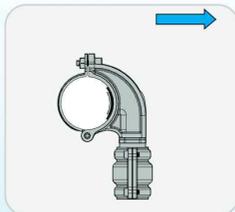
孔去毛刺器
Deburring machine



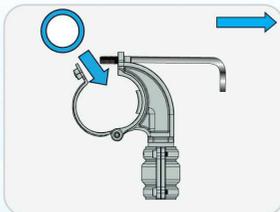
六角扳手
Hexagon wrench

安装步骤

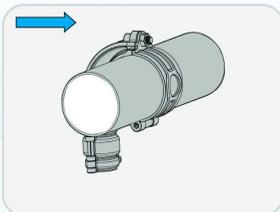
Steps



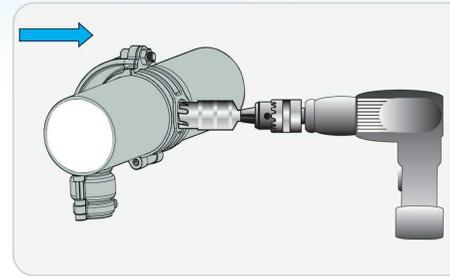
检查配件完整性
Check the completeness of the fittings



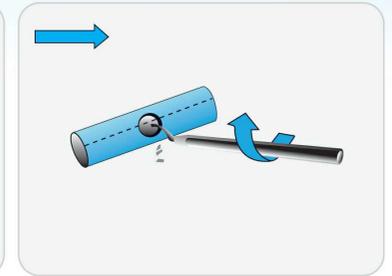
松开螺丝, 固定在需开孔的管道上
Loosen the screw and fix them on the pipeline to be tapped.



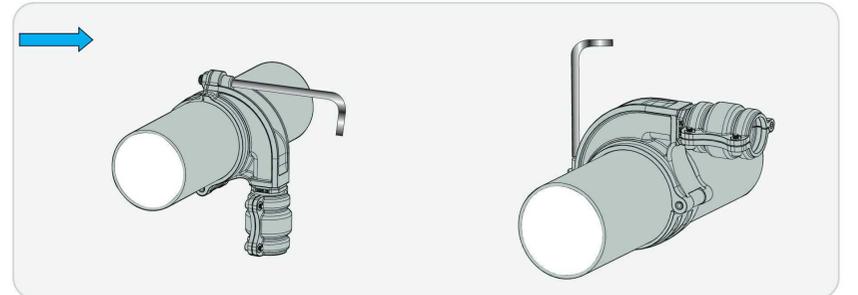
确定开孔位置
Determine the position



用开孔器开孔
Tapping with the tapper



孔去毛刺
Deburring



180度翻转变换接头
Turn the quick-change connector 180°

锁紧螺丝 (10N·m), 完成安装
Fasten the screw (10N·m) and complete the installation

质量标准 Quality Standard

UPIPE 管道的相关标准及测试方法

- ★TSG D0001-2009 压力管道安全技术监察规程—工业管道;
- ★GB 50029- 2014 《压缩空气站设计规范》;
- ★GB/T 20801- 2020 《压力管道规范-工业管道》;
- ★GB50235-2010 《工业金属管道工程施工规范》;

强度试验数据表

管道类型	管道设计压力P (MPa)	强度试验			
		试验介质	试验压力 (MPa)	时间 (min)	合格标准
压缩空气管道	P < 0.5	建议干净压缩空气 或惰性气体	1.5P但<0.2	10	无泄露
	P ≥ 0.5		1.15P		

严密性试验数据表

管道类型	管道设计压力P (MPa)	强度试验			
		试验介质	试验压力 (MPa)	时间 (min)	合格标准
压缩空气管道	P < 0.5	建议干净压缩空气 或惰性气体	P	30	无泄露, 压力不降
	P ≥ 0.5				

如有任何问题, 请联系我们!

The pertinent standards and test methods for UPIPE pipeline

- ★Technical supervision regulation for safety of pressure piping - industrial piping;
- ★GB 50029-2014 《Code for Design of Compressed Air Stations》;
- ★GB/T 20801-2020 《Pressure Piping Code-Industrial Piping》;
- ★GB50235-2010 《Code for Construction of Industrial Metal Pipeline Engineering》

Datasheet for strength test

Type of pipeline	The design pressure of pipes P (MPa)	强度试验			
		Test medium	Test pressure (MPa)	Duration(Min)	Criteria
Compressed air pipeline	P<0.5	Clean compressed air or inert gas is recommended	1.5Pbut<0.2	10	No leak
	P≥0.5		1.15P		

Datasheet for air tightness

Type of pipeline	The design pressure of pipes P (MPa)	强度试验			
		Test medium	Test pressure (MPa)	Duration(Min)	Criteria
Compressed air pipeline	P<0.5	Clean compressed air or inert gas is recommended	P	30	No leak, no pressure drop
	P≥0.5				

Please contact us for any questions!

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机械制造业

Machinery Manufacturing Industry



其它领域

Others

