Weifeng Technology Catalog

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Wechat

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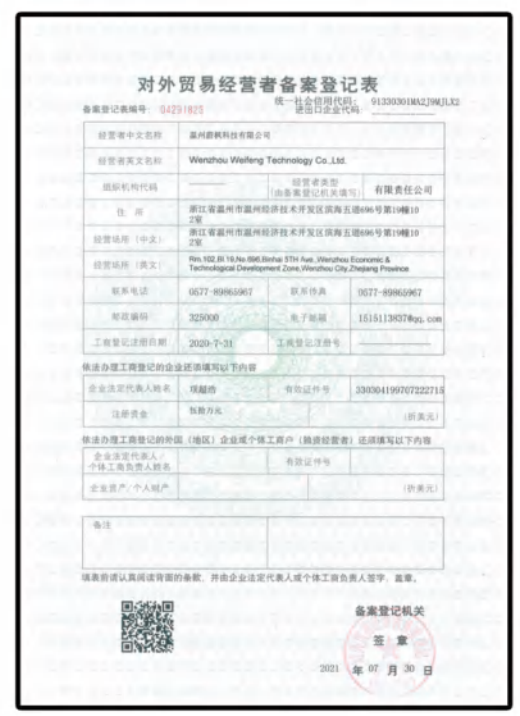
Wenzhou Weifeng Technology Co.,Ltd.

Company Profile

As a supplie, Wenzhou WeiFeng Technology CoCo., Ltd. (hereinafter referred to as TehWF) is a manufacturer specializing in chooising safe, high - quality, and expuisite appearance products for our customers. The company was established in the 21st century and is located in Wenzhou Economic and Technological Development Zone.

The main products sold are water flow indicators,flow indicators, electromagnetic flow meters, turbine flow meters, vortex flow meters, flow mirrors, various types of valves, electric valves, and pneumatic valves.

The company will take "customer needs first" as its business philosophy, give full play to the advantages of talents, services, and technology, select excellent partners, and provide customers with high-quality products.Company goalsTo be the first choice brand supplier for integrity, professionalism, and customer serviceBusiness philosophyProfessionalism, integrity, quality-oriented, customer firstCompany purposeProvide the best quality products at the most reasonable price, the most complete serviceOur ProductWater flow indicator, flow indicator, electromagnetic flowmeter, turbine flowmeter, vortex flowmeter, flow sight glass, various types of valves, electric valves, pneumatic valves, etc.Product ApplicationWidely used in petroleum, petrochemical, chemical, metallurgy, electric power, water conservancy, urban construction, machinery, food, and other fieldsOur ServicePre-sales: Sell advertising through Google and other types of sales platforms to improve products and company visibility. Sales: In-sale: customer demand-oriented, recommend products, respond in real-time, sign contracts, and sell products.



对外贸易经营者备案登记表

备案登记表编号：04291823

统一社会信用代码：91330301MA2J9MJLX2

经营者中文名称	温州蔚枫科技有限公司		
经营者英文名称	Wenzhou Weifeng Technology Co.,Ltd.		
组织机构代码	———	经营者类型（由备案登记机关填写）	有限责任公司
住 所	浙江省温州市温州经济技术开发区滨海五道696号第19幢102室		
经营场所（中文）	浙江省温州市温州经济技术开发区滨海五道696号第19幢102室		
经营场所（英文）	Rm.102,Bl.19,No.696,Binhai 5TH Ave.,Wenzhou Economic & Technological Development Zone,Wenzhou City,Zhejiang Province		
联系电话	0577-89865967	联系传真	0577-89865967
邮政编码	325000	电子邮箱	15151138370@qq.com
工商登记注册日期	2020-7-31	工商登记注册号	

依法办理工商登记的企业还须填写以下内容

企业法定代表人姓名	项超浩	有效证件号	330304199707222715
注册资金	伍拾万元		（折美元）

备案登记机关

签 章

2021 年 07 月 30 日

统一社会信用代码 91330301MA2J9MJLX2 (1/1)

营 业 执 照

（副 本）

名 称 温州蔚枫科技有限公司

类 型 有限责任公司（自然人投资或控股）

法定代表人 项超浩

注册资本 伍拾万元整

成立日期 2020年07月31日

住 所 浙江省温州市温州经济技术开发区滨海五道696号第19幢102室

登 记 机 关

2021 年 07 月 10 日

Catalogue

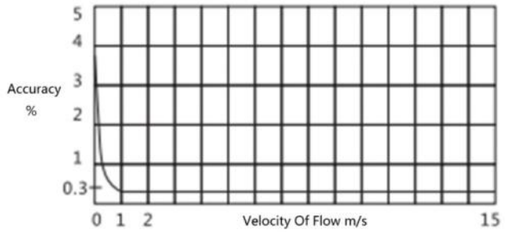
Electromagnetic Flowmeter

Working Principle

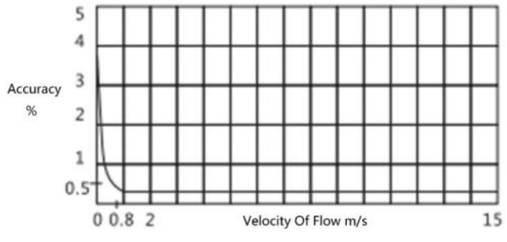
The electromagnetic flowmeter is manufactured with the latest electromagn etic flow technology, and has the following characteristics:

1. The measurement is not affected by the change of fluid density, viscosity, temperature, pressure and conductivity;
2. There are no flow obstructing parts and pressure loss in the measuring pipe, and the requirements for straight pipe section are low;
3. Series nominal diameter DN4~DN3000. There are many choices for sensor lining and electrode materials;
4. The converter adopts a novel excitation mode, with low power consumption, stable zero point and high accuracy. The flow range can reach 1500:1;
5. The converter can be integrated or split with the sensor;
6. The converter adopts 16 bit high-performance microprocessor, 2X16LCD display, convenient parameter setting and reliable programming;
7. The flowmeter is a two-way measurement system with three integrators: total forward, total reverse and total difference; It can display positive and negative flow, and has multiple outputs: current, pulse, digital communication, HART, RS485 protocol;
8. The converter adopts surface mounting technology (SMT), with self inspection and self diagnosis functions;
9. Rubber and polyurethane lined sensors are intrinsically immersed;
10. Explosion proof instruments can be used in corresponding explosion-proof places;
11. Electromagnetic flowmeter is used to measure the volume flow of conductive liquid and slurry in closed pipes, and is applicable to chemical industry, electric power, metallurgy, petroleum,water supply and drainage, paper making, medicine, food and other departments.

Parameter



DN15-DN600 Accuracy curve



DN700-DN3000 Accuracy curve

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Sensor

Maximum flow rate	15m/s		
Accuracy (See accuracy curve)	DN15-DN600	Indicating value±0.5% (velocity of flow≥1m/s) 、 ±0.2% ±3mm/s (velocity of flow<lm/s)	
	DN700-DN3000	Indicating value±0.5% (velocity of flow≥0.8m/s) ±4m m/s (velocity of flow<0.8m/s)	
Fluid conductivity	>50ps/cm		
Nominal pressure	DN10-DN200	1.6MPa	
	DN250-DN1000	I.0MPa	
	DN1200-DN2000	0.6MPa	
	DN2200-DN3000	0.6MPa	
Ambient temperature	Sensor	-25 °C ~+60 °C	
	Converter and all in one type	-10 °C ~+60 °C	
Lining materials and Maximum fluid temperature	Lining material	Separable type	
	Teflon	120°C (Customized)	70°C
		180°C (Customized)	70°C
	Perfluoroethylene propylene	160°C (Customized)	70°C
	Polychloroprene rubber	80°C (Customized)	70°C
	Polyurethane	80°C	70°C
Signal electrode form	Fixed type (DN15-DN2600), scraper type (DN80-DN3000)		
Signal electrode and grounding electrode materials	Molybdenum containing stainless steel, Hastelloy B, Hastelloy C, titanium, tantalum, platinum iridium alloy, stainless steel coated tungsten carbide		
Connecting flange material	Carbon Steel		
Grounding flange material	Stainless steel 1Cr18Ni9T		
Inlet protection flange material	DN15-DN600	Stainless steel 1Cr18Ni9Ti	
	DN700-DN3000	Carbon Steel	
Enclosure protection	DN15-DN150 separate rubber or polyurethane lined sensor	IP65、IP68 (Additional order)	
	DN200-DN2600 separate rubber or polyurethane lined sensor	IP68 Underwater 10m	
	Other sensors and all converters	IP65	
Spacing (separate type)	The distance between the converter and the sensor is generally not more than 100m; A special order is required if it exceeds 100 meters.		

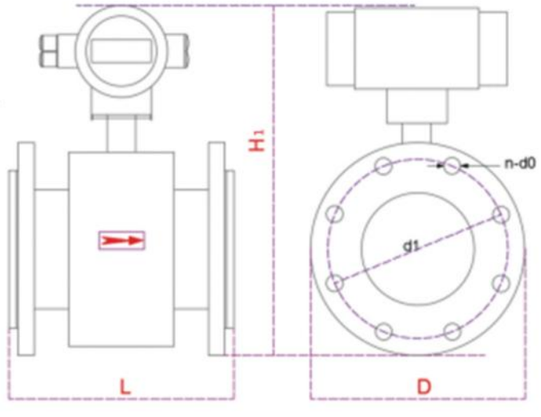
*DN700 - DN3000, the accuracy of special ordering can reach ± 0.3% of the indicated value (flow rate ≥ 1m/s) or ± 3mm (flow rate < 1m/s).

Special up to ± 0.2% accuracy flowmeter

Outline Dimension Drawing

DN10-DN200,1.6、4.0MPa

Outline drawing of sensor and integrated body



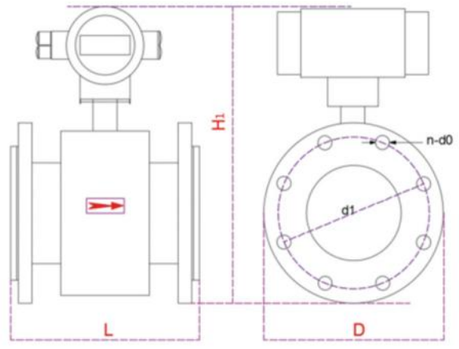
Overall Dimensions　　Flange Size (GB/T 9119)

Dia DN	L	H1	H2	Dia DN	1.6MPa				4.0MPa			
					D	d1	d0	n	D	d1		
DN15	200	290	220	DN15	95	65	14	4	95	65	14	4
DN20	200	292	222	DN20	105	75	14	4	105	75	14	4
DN25	200	298	228	DN25	115	85	14	4	115	85	14	4
DN32	200	307	237	DN32	135	100	18	4	135	100	18	4
DN40	200	318	248	DN40	145	110	18	4	145	110	18	4
DN50	200	328	258	DN50	160	125	18	4	160	125	18	4
DN65	200	348	278	DN65	180	145	18	4	180	145	18	4
DN80	250	360	290	DN80	195	160	18	8	195	160	18	8
DN100	250	393	323	DN100	215	180	18	8	235	190	22	8
DN125	250	413	343	DN125	245	210	18	8	270	220	26	8
DN150	300	450	380	DN150	280	240	25	8	300	250	26	8
DN200	300	603	533	DN200	345	295	25	12	375	320	30	12

Outline Dimension Drawing

DN10-DN200, 1.0、1.6MPa

Outline drawing of sensor and integrated body



Overall Dimensions　　Flange Size (GB/T 9119)

Dia DN	L	H1	H2	Dia DN	1.0MPa				1.6MPa			
					D	d1	d0	n	D	d1	d0	n
DN250	450	528	458	DN250	390	350	23	12	405	355	26	12
DN300	500	603	533	DN300	440	400	23	12	460	410	26	12
DN350	500	658	588	DN350	500	460	23	16	520	470	26	16
DN400	500	723	653	DN400	565	515	26	16	580	525	30	16
DN450	550	765	728	DN450	615	565	26	20	640	585	30	20
DN500	550	838	768	DN500	670	620	26	20	715	650	34	20
DN600	600	923	853	DN600	780	725	30	20	840	770	36	20
DN700	700	914	819	DN700	895	840	30	24	910	840	36	24
DN800	800	1014	919	DN800	1010	950	34	24	1025	950	39	24
DN900	900	1114	1019	DN900	1110	1050	34	28	1125	1050	39	28
DN1000	1000	1214	1119	DN1000	1220	1160	36	28	1255	1170	40	28

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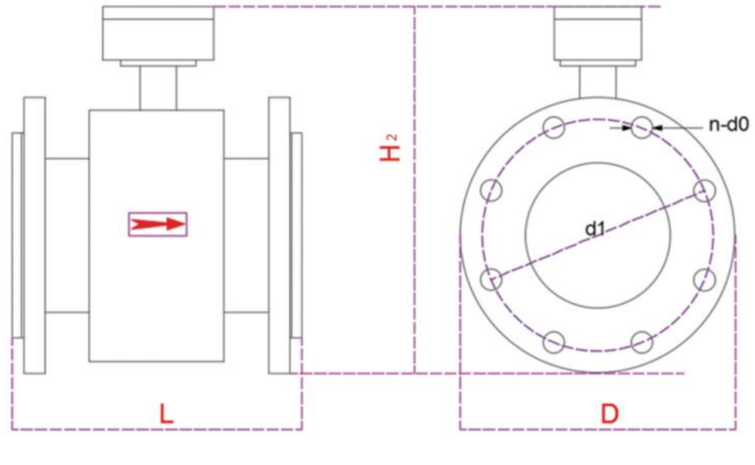
Outline Dimension Drawing

DN1200-DN3000, 0.6MPa Outline drawing of sensor and integrated body



Overall Dimensions　　Flange Size (GB/T 9119)

Dia DN	L	H1	H2	Dia DN	0.6MPa			
					D	d1	d0	n
DN1200	1200	1414	1319	DN1200	1405	1340	33	32
DN1400	1400	1614	1519	DN1400	1630	1560	36	36
DN1600	1600	1814	1719	DN1600	1830	1760	36	40
DN1800	1800	2014	1919	DN1800	2045	1970	39	44
DN2000	2000	2214	2119	DN2000	2265	2180	42	48
DN2200	2200	2364	2269	DN2200	2475	2390	42	52
DN2400	2400	2564	2469	DN2400	2685	2600	42	56
DN2600	2600	2764	2669	DN2600	2905	2810	48	60
DN2800	2800	2960	2865	DN2800	3115	3020	48	64
DN3000	3000	3160	3065	DN3000	3315	3220	48	68

Selection Principle

The fluid to be measured must be conductive liquid or slurry, and its conductivity shall not be less than 50 μ s/cm. The fluid to be measured shall not contain many ferromagnetic substances or bubbles Proper pressure grade, lining material, electrode material and instrument structure shall be selected for the characteristics of the measured fluid.

Select Diameter

1. Since the electromagnetic flowmeter has a high range of 1500:1, the instrument diameter is usually the same as the process pipe

2. If the measured medium contains solid particles, the recommended flow rate range is l-3m/s. If the actual flow rate is too large and inconvenient to change, the optional instrument diameter is larger than the process pipe drift diameter to appropriately reduce the flow rate of the flow meter measuring pipe section and reduce the wear of particles on the electrode and lining.

3. If there may be sediment in the process pipe, the recommended flow rate is 2-5m/s. If the actual flow rate is too small and it is inconvenient to change the process pipe, the optional instrument diameter is small the flow rate of the flow meter shall be appropriately increased in the diameter of the process pipe to avoid the impact of sediment on the accuracy of the instrument.

4. If the flow rate is too small and high precision measurement is required, a sensor smaller than the diameter of the process pipe can be selected to increase the flow rate and ensure high accuracy. in case of the above items 2, 3 and 4, reducers must be installed upstream and downstream of the flowmeter. The central cone angle of reducer shall not be greater than 15., And there are at least 5 times of process pipes upstream of the reducer Straight pipe section of diameter.

To help with model selection, the following table lists the flow rates corresponding to several representative flow rates. The flow velocity corresponding to any flow can also be quickly calculated by using this table: if the flow is known the measurement value Q (m3/h), and then the flow value Q1 corresponding to lm/s flow rate under the corresponding diameter is found in the table, then:

Flow rate V=Q/Q1(m/s)

Flow Rate - Flow Comparison Table

ratem/s / dia mm	0.1	1	2	3	4	5	15
15	0.064	0.6362	1.2723	1.9085	2.5447	3.1809	9.5426
20	0.133	1.1310	2.2619	3.3929	4.5239	5.6549	16.9646
25	0.177	1.7671	3.5343	5.3014	7.0686	8.8357	26.5072
40	0.452	4.5239	9.0478	13.5717	18.0956	22.6195	67.8584
50	0.707	7.0686	14.1372	21.2058	28.2743	35.3429	106.0288
65	1.195	11.9459	23.8918	35.8377	47.7836	59.7295	179.1886
80	1.810	18.0956	36.1911	54.2867	72.3823	90.4779	271.4336
100	2.827	28.2743	56.5487	84.8230	113.0973	141.3717	424.1150
150	6.362	63.6173	127.2345	190.8518	254.4690	318.0863	954.2528
200	11.310	113.0973	226.1947	339.2920	452.3893	565.4867	1696.4600
250	17.671	176.7146	363.4292	530.1438	706.8583	883.5729	2650.7188
300	25.447	254.4690	508.9380	763.4070	1017.8760	1272.3450	3817.0351
350	34.636	346.3606	692.7212	1039.0818	1385.4424	1730.8030	5195.4089
400	45.293	452.3893	904.7787	1357.1680	1809.5574	2261.9467	6758.8401
450	57.256	572.5553	1145.1105	1717.6658	2290.2210	2862.7763	8588.3289
500	70.686	706.8583	1413.7167	2120.5750	2827.4334	3534.2917	10602.8752
600	101.788	1017.8760	2035.7520	3053.6281	4017.5041	5089.3801	15268.1403
700	138.544	1385.4424	2770.8847	4156.3271	5541.7694	6927.2118	20781.6354
800	180.956	1809.5574	3619.1147	5428.6721	7238.2295	9047.7868	27143.3605
900	229.022	2290.2210	4580.4421	6870.6631	9160.8842	11451.1052	34353.3157
1000	282.743	2827.5041	5654.8668	8484.3002	11309.7336	14137.1669	42411.5008
1200	407.150	4071.5041	8143.0082	12214.5122	16286.0163	20357.5204	61072.5612
1400	554.177	5541.7694	11083.5389	16625.3083	22167.0778	27708.8472	83126.5416
1600	723.823	7238.2295	14476.4589	21714.6884	28952.9179	36191.1474	108573.4421
1800	916.088	9160.8842	18321.7684	27482.6525	36643.5367	45804.4209	137413.2627
2000	1130.973	11309.7336	26619.4671	33929.2007	45238.9342	56548.6678	169646.0033
2200	1368.478	13684.7776	27369.5552	41054.3328	54739.1104	68423.8880	205217.6640
2400	1628.602	16286.0163	32572.0326	48858.0490	65114.0653	81430.0816	244290.2448
2600	1911.343	19113.4268	38226.8536	57340.2840	76453.7072	95567.1340	286701.4020

Wenzhou Weifeng Technology Co.,Ltd.

Lining Material Selection

Lining material	Main performance	Scope of application
Teflon	1. It is the most stable chemical property of plastic materials; It is resistant to boiling hydrochloric acid, sulfuric acid, nitric acid and aqua regia, as well as concentrated alkali and various organic solvents, and is not resistant to the corrosion of chlorine trifluoride, oxygen trifluoride, high flow rate liquid fluoride, liquid oxygen and ozone. 2. Poor wear resistance 3. Poor anti negative pressure capability.	1. 100 ° C, 150 ° C (special order) 2. Strong corrosive media such as concentrated acid and alkali 3. Hygienic media
Polychloroprene	1. It has excellent elasticity, high breaking force and good wear resistance 2. It is resistant to the corrosion of ordinary low concentration acid, alkali and salt media, and is not resistant to the corrosion of oxidizing media.	1. 80 ° C, 120 ° C (special order) 2. General water, sewage, slurry and mineral slurry with weak abrasiveness.
Polyurethane rubber	1. Excellent abrasion resistance (equivalent to ten times of natural rubber) 2. Acid and alkaline resistance. 3. It cannot be used for water mixed with organic solvent.	1、＜80°C 2. Mineral slurry, coal slurry, slurry, etc. with neutral and strong wear。

Electrode Material Selection

Electrode material	Corrosion resistance
OCrl8Nil2Mo2Ti	It is used for industrial water, domestic water and sewage. It is a medium with weak corrosivity and can be widely used in petroleum, chemical, vinylon and other industries.
SS coated with tungsten carbide	It is used in non corrosive and highly abrasive media.
Hastelloy B (HB)	It has good corrosion resistance to all concentrations of hydrochloric acid below the boiling point, and is also resistant to non oxidation of sulfuric acid, phosphoric acid, hydrofluoric acid, organic acid, etc Corrosion of sexual acid, alkali and non oxidizing salt solution.
Hastelloy C (HC)	It is resistant to the corrosion of oxidizing acids, such as nitric acid, mixed acid, or mixed medium of citric acid and sulfuric acid, as well as salts with oxidation resistance, such as Corrosion of Fe+++, Cu++or other oxidants. Such as the corrosion of hypochlorite solution and seawater above normal temperature.
Ti	It can resist the corrosion of seawater, various chlorides and hypochlorites, oxidizing acids (includ ing fuming nitric acid), organic acids, alkalis, etc., and can not resist the corrosion of more pure reducing acids (such as sulfuric acid, hydrochloric acid). However, if the acid contains oxidants (such as nitric acid, Fe++, Cu++M), the corrosion will be greatly reduced
Ta	It has excellent corrosion resistance and is very similar to glass. Except for hydrofluoric acid, oleum and alkali, it can resist corrosion of almost all chemical media (including hydrochloric acid, nitric acid, sulfuric acid and aqua regia).
Platinum iridium alloy	It is applicable to almost all chemicals, but not aqua regia and ammonium salt.

The above two tables are for reference only because of the wide variety of media and their corrosivity is affected by temperature, concentration, flow rate and other complex factors The user shall.
If necessary, conduct corrosion resistance test of simulated materials, such as coupon test.

Selection Of Lining Protection Flange And Grounding Flange

Flange Type	Scope of application
Grounding flange (grounding ring)	Suitable for non-conductive pipes such as plastic pipes. However, sensors with PTFE lining are not required.
Inlet protection flange	When the medium has strong wear resistance, it is often used with polyurethane lining, but the lining is PTFE sensor unsuited.

Ordering considerations

Please read this sample before ordering, understand the product model and coding regulations,
and propose corresponding products and codes as required. Note: Separate instrument, male
The company supplies 10 meters of special cables with meters. If the distance between meters exceeds 10 meters,
users need to order according to the actual distance.
Please also indicate if necessary:
A: The parameters required to be set before the product leaves the company, such as the upper limit of the flow range or the corresponding upper limit of the flow rate;
B: Whether there are immersion requirements;
C: Whether the companion flange for installation is required;

Diameter and material selection table of each part

	Nominal pressure (MPa)				Lining material					Electrode material							Flow meter product structure					Converter form		Option		
Nominal diameter (mm)	4.0	1.6	1.0	0.6	Teflon	Polyfluoro ethylene	Perfluoroe thylene propylene	Polychloro prene rubber	Polyure thane	Stainless steel	Hastelloy B	Hastelloy C	Titanium	Platinum-iridium alloy	Tantalum	Stainless steel coated with tungsten carbide	Monotype	Split type	Separation immersion	Explosion -proof separation	Integrated explosion-proof	Base type	Serous type	Inlet protection flange	Grounding flange	Earth electrode
15	√	√			√	√	√		√	√	√	√	√	√	√	√	√	√	√	√	√	√	√		√	√
20	√	√			√	√	√		√	√	√	√	√	√	√	√	√	√	√	√	√	√	√		√	√
25	√	√			√	√	√		√	√	√	√	√	√	√	√	√	√	√	√	√	√	√		√	√
40	√	√			√	√	√		√	√	√	√	√	√	√	√	√	√	√	√	√	√	√		√	√
50	√	√			√	√	√		√	√	√	√	√	√	√	√	√	√	√	√	√	√	√		√	√
65	√	√			√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
80	√	√			√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
100	√	√			√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
150	√	√			√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
200		√	√		√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
250		√	√		√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
300		√	√		√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
350		√	√		√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
400		√	√		√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
450		√	√		√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
500		√	√		√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
600		√	√		√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
700			√		√			√		√		√				√		√	√	√		√			√	√
800			√	√	√			√		√		√				√		√	√	√		√			√	√
900			√	√	√			√		√		√				√		√	√	√		√			√	√
1000			√	√	√			√		√		√				√		√	√	√		√			√	√
1200				√				√		√		√				√		√	√	√		√			√	√
1400				√				√		√		√				√		√	√	√		√			√	√
1600				√				√		√		√				√		√	√	√		√			√	√
1800				√				√		√								√	√			√				√
2000				√				√		√								√	√			√				√
2200				√				√		√								√	√			√				√
2400				√				√		√								√	√			√				√
2600				√				√		√								√	√			√				√

Procurement considerations

Type selection code of Weifeng Technology

A B C D E F G H I J

A--Drift diameter (mm)

Encoded	Drift diameter	Encoded	Drift diameter	Encoded	Drift diameter
003	3	125	125	900	900
006	6	150	150	1000	1000
010	10	200	200	1200	1200
015	15	250	250	1400	1400
020	20	300	300	1600	1600
025	25	350	350	1800	1800
032	32	400	400	2000	2000
040	40	450	450	2200	2200
050	50	500	500	2400	2400
065	65	600	600	2600	2600
080	80	700	700	2800	2800
100	100	800	800	3000	3000

B--Pressure(MPa)
1.6(DN10-DN200);1.0(DN250-DN1000)
0.6(DN1200-DN2000);0.6(DN2200-DN300)

C--Lining
Polytetrafluoroethylene (F4); Polychloroprene rubber lining;
Polyurethane; Perfluoroethylene propylene (F46);
Screened PEA

D--Electrode
W90CrI8NiI2m02Ti
Hastelloy B, Hastelloy C, Titanium
Boxue alloy, tantalum, stainless steel coated with carbonized jun

E - Shell protection
IP65
IP68+IP65 (i.e. sensor IP68+converter IP65, where sensor
Non-explosion separation type with polychloroprene or polyurethane lining is optional

F - Explosion-proof sign

0 None
Exdm II CT4 (excluding acetylene)
(Integrated type, IP65, magnetic key or no display, DN15-DN600)
Exdm II CT4 (excluding acetylene)
(Separated type, IP65, magnetic key or no display, DN15-DN1600)
Exdm II T4 (separate type, IP65, converter in safe area
DN15-DN1600)

G - Accessories

0 None; Earth electrode; Grounding flange; Inlet protection flange;
Electrode scraper mechanism

H - Structure

Er split type, Chinese and English menu
EH all-in-one Chinese and English Laidan
Separate type special cable with meter 10m, if not enough,
order separately, generally not more than
Order after negotiation for more than 100m.

I - power supply
85~265V 45~400Hz ； 11-40 V D.C.

J-Converter
MA: key, double-line display, standard output
MB: key, double-line display, standard output, RS485
LA: key, double-line display, standard output
LB: key, double-line display, standard output, RS485, HART
AA: key, English menu, double-line display, standard output, RS232

Vortex Flowmeter

Vortex flow meter is a new type of flow meter with international advanced level, which is successfully developed based on the principle of Karman vortex street. It is suitable for measuring superheated steam and saturated steam steam, general gas and liquid.

Characteristic

1. Simple structure, no moving wear parts.
2. High measurement accuracy, high reliability, no on-site debugging.
3. It can transmit flow signals remotely, and can be networked with computers to achieve centralized management.
4. The magnifying plate adopts a unique design, which is universal for gas and liquid.

Technical Indicators

1. Accuracy class: 1.0 1.5
2. Nominal pressure: 1.6MPa, 2.5MPa, 4.0MPa and above
3. Temperature of measured medium: - 40 ° C~350 ° C
4. Pressure loss: resistance coefficient cd<2.4
5. Power supply: 12~24VDC
6. Explosion proof level: IaIICT6 (intrinsically safe explosion-proof)
7. Output signal: voltage pulse low level MIV, high level 26V, standard current signal 4-20mA

Flow Range

Sensor diameter	Normal temperature water medium		Atmospheric air	
	Standard	Extended	Standard	Extended
15	0.8~6	0.5~8	6~40	5~50
20	1~8	0.6~12	8~50	6~60
25	1.5~12	0.8~16	10~80	8~120
40	2.5~30	2~40	25~200	20~300
50	3~50	2.5~60	30~300	25~500
65	5~80	4~100	50~500	40~800
80	8~120	6~160	80~800	60~1200
100	12~200	8~250	120~1200	100~2000
125	20~300	12~400	160~1600	150~3000
150	30~400	18~600	250~2500	200~4000
200	50~800	30~1200	400~4000	350~8000
250	80~1200	40~1600	600~6000	500~12000
300	100~1600	60~2500	1000~10000	600~16000
400	200~3000	120~5000	1600~16000	1000~25000
500	300~5000	200~8000	2500~25000	1600~40000
600	500~6000	300~10000	4000~40000	2500~60000

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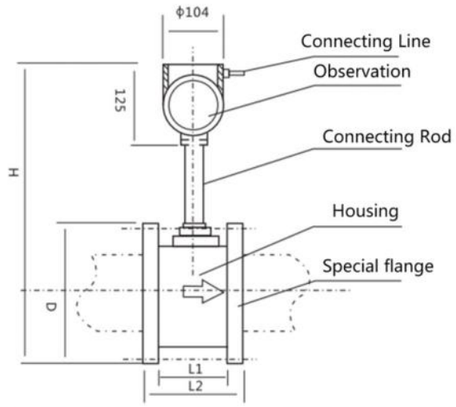
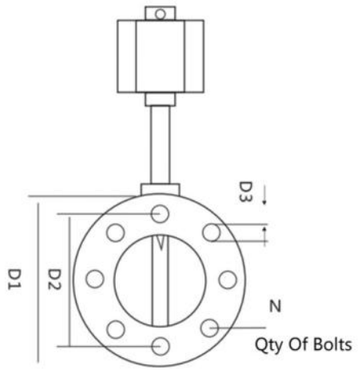
Installation Conditions

The sensor shall be installed on a horizontal, vertical, inclined (liquid flow from bottom to top) pipe with the same diameter. Upstream and downstream of the sensora certain length of straight pipe section shall be configured, and its length shall meet the requirements of 15-20D for the front straight pipe section and 5-10D for the rear straight pipe section.

1. The pipeline near the liquid sensor shall be filled with the measured liquid.
2. The sensor shall not be installed on the pipeline with strong mechanical vibration。
3. The inner diameter of the straight pipe section shall be consistent with the sensor diameter as much as possible. If not, the pipe error slightly larger than the sensor diameter shall be ≤ 3% not more than 5 mm.
4. If the measured medium contains many impurities, a filter shall be installed beyond the required length of the straight pipe upstream of the sensor.
5. The sensor shall not be installed in places with strong electromagnetic interference, small space and inconvenient maintenance.





Diameter	L1	L2	D1	D2	D3	H	N
20	65	95	125	100	13	460	4
25	65	95	125	100	13	460	4
40	75	109	145	110	13	471	4
50	75	109	160	125	17	481	4
65	75	117	180	145	17	497	6
80	80	122	195	160	17	510	6
100	90	132	230	190	17	544	8
125	100	146	245	210	17	564	8
150	120	170	280	240	21	594	8
200	150	200	335	295	21	646	12
250	160	214	405	355	21	708	12
300	170	224	460	410	21	760	12

Field Display Vortex Flowmeter

The on-site display vortex flowmeter has the characteristics of miniaturization, micro power consumption, intelligence, etc., realizing the measurement, display and integration of flow parameters. Field display instrument is used forInconvenient environment of power supply: the instrument is designed uniquely with ultra-low power consumption chip, which is easy to operate, and is in the leading level among similar products in China.

Liquid Crystal Type (Figure 1)

1. Double row LCD, 8-digit digital display
2. User can set small signal cutoff
3. 4-20mA two-wire current output (equipped according to user's order requirements)
4. Online temperature compensation and manual constant value density compensation
3. 12V-24V or 3.6V lithium battery power supply

Figure 1

Figure 2

Plug In Vortex Flowmeter (Figure 2)

The plug-in vortex flow sensor is applicable to the measurement of superheated steam, saturated steam, general gas and liquid above DN200 pipes; Field display or remote output; It is easy to install and cheap; Accuracy: ± 1.5%, ± 2.5%

Diameter	200	250	300	350	400	450	500
Liquid m3/h	55~570	88~885	125~1275	170~1735	225~2265	286~2670	350~3540
Gas m3/h	560~4530	880~7070	1270~10180	1730~13860	2260~18100	2860~22905	3530~28275
Diameter	600	700	800	900	1000	1100	1200
Liquid m3/h	505~5090	690~6930	900~9050	1145~11450	1410~14140	1710~17110	2035~20360
Gas m3/h	5080~40715	6925~55420	9045~72380	114450~91605	14135~113095	17100~136840	20235~162850
Diameter	1300	1400	1500	1600	1800	2000	
Liquid m3/h	2385~23895	2770~27710	3170~31800	3610~36200	4580~45850	5650~56550	
Gas m3/h	23890~191125	27705~221160	31700~254455	36105~289510	45750~366410	56545~452365	

Sensor Selection

The model of stress vortex flow sensor is shown as WF-WJ X X XXX-X

Table 1 Special Marks

Table 2 Diameter

Table 3 Media

Table 4 Connection Mode

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Table 1 Special Marks

Form	Routine	Signal output	Explosion-Proof	On site digital display	High Temperature
Sign	No	S	EX	X	T

Table 2 Diameter

Dia	15	20	25	32	40	50	65	80	100	125	150	200	250	300	400
Sign	15	20	25	32	40	50	65	80	100	125	150	200	250	300	400

Table 3 Media

Medium	Liquid	Gas	Steam	Hot Steam
Sign	1	2	3	4

Table 4 Connection Mode

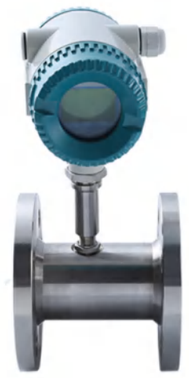
Connection Mode	Flange Connection	Card Type	Plug In
Sign	A	B	C

Functional features

1. Geographical graphic display and intuitive operation interface.
2. Conduct operation analysis of the whole heat supply network system, with powerful statistics and inquiry functions, and grasp the pipe loss of the pipe network in real time.
3. Real time collection of temperature, pressure, flow and operation parameters of each user substation to monitor the operation of each measuring instrument in real time.
4. Query the steam consumption of any user in any period of time.
5. Generate fault records for AC power failure, temperature, pressure, flow and other abnormal parameters of the substation, summarize the faults, and send them to the manager via SMS.
6. Automatically generate settlement statements, daily reports, monthly reports, annual reports, etc. as required, and can print them directly.
7. User sub station and dispatching terminal can communicate with each other.
8. Uninterruptible power supply design ensures that monitoring points are always online.
9. It can grasp the information of measuring instruments anytime and anywhere.
10. Database management, configuration design.
11. Network design, supporting remote access function.
12. Support analog screen or projector display.

Turbine Flowmeter

Pulse output, high linear characteristic accuracy, sensitive response, wide flow range Signal output: pulse output (+12 ~+24VDC power supply, three wire system)Pulse output (+24VDC power supply, two-wire system) 4~20mADC analog current explosion proof category of quantity signal output: Exdib mb IIBT6Gb, simple structure, installation easy to use and maintain, complete set of filter, degasser and straightening (flow) can be supplied a pair of companion auxiliary flanges for installation can be provided (2 pieces)



Introduce

LWG turbine flow sensor and display instrument receiving electric pulse signal form turbine flowmeter, which is used to measure low viscosity fluid (liquid or gas) in closed pipeline It is widely used in petroleum, chemical industry, metallurgy, aviation, scientific research and other departments. The sensor consists of a turbine sensing assembly and an amplifier the structure assembled together is integrated: the structure that can measure the positive and negative flow is bidirectional; The structure with insertion rod that can be installed in large-diameter pipeline to measure fluid flow is plug in type. The operation of the sensor is based on the principle of torque balance. When the fluid flows through the sensor, the impeller is driven to rotate. When the flow rate is constant, the dynamic torque and resistance torque are balanced when the wheel speed is kept constant, the uniformly distributed blades on the magnetized impeller rotate with the impeller, thus periodically changing the magnetoresistance of the detector (coil) magnetic field, and the detector generatesThe generating pulse signal is amplified by an amplifier and then output. The output electric pulse frequency is proportional to the impeller speed and the impeller speed is proportional to the flow, so the output electric pulse frequency it is proportional to the flow through the sensor, and the converted 4~20mA analog signal is also proportional to the flow.

Main Technical Data of Sensor

Dia DN	Flow Range(m3/h)	Fluid temperature(℃)		Mix Fluid Density (kg/m³)	Pressure (MPa)	Accuracy
		Integrated	Ex-Proof			
15	4~16	-20~+55 -20~+120	-20~+70	0.6	1.6	±1.5%
25	8~20					
40	20~100				2.5 6.3	
50	30~200					

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Main Technical Data Of Sensor (Measuring Liquid)

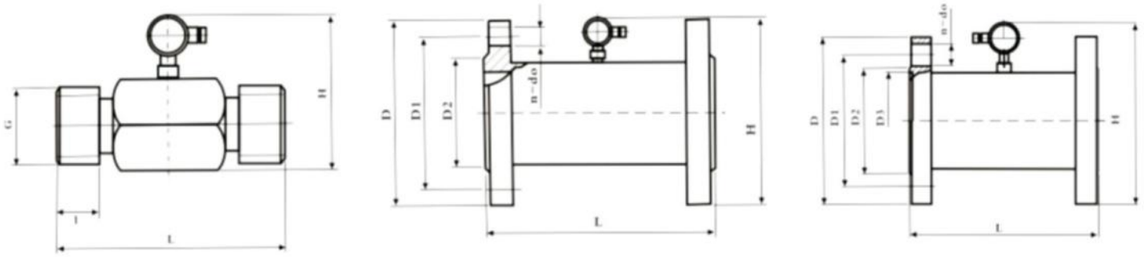
Dia DN	Flow Range (m³/h)			Liquid Temperature (℃)		Pressure (MPa)
	0.2 Class	0.5 Class	1 Class	Integrated	Ex-Proof	
10		0.4~1.2	0.2~1.2	-20~+50 -20~+120	-20~70	6.3
15	1.2~4	0.6~6	0.4~6			2.5 6.3 16
25	3~10	1.2~12	1.2~12			
40	8~25	3~30	3~30			
50	12~40	5~50	5~50			2.5 6.3
80	20~100	16~100	12~120			
100	50~160	25~160	20~200			
150	100~300	50~300	40~400			
200	200~600	100~600	80~800			
250	300~1000	160~1000	120~1200			2.5
300		250~1600				
400		400~2500				
500		600~4000				

Main Technical Data Of Sensor (Sand Mixing)

Dia	Flow Range (m3/h)	Liquid Temperature (℃)	Pressure	Accuracy
100	20~200	-20~+55	1.0	±1.5%
150	40~400			
200	80~800			

Main Technical Data Of Plug-In Gas Turbine Flow Sensor

Dia DN	Flow Range (m3/h)	Flow Rate Range (m3/h)	Liquid Temperature (℃)		Pressure	Insertion Depth	Accuracy
			Integrated	Ex-Proof			
150	200~1000	3~15	-20~+55	-20~+70	1.6	0.5D Middle of pipe 0.125 Average flow velocity	±2.5%
	320~1600	5~25					
200	320~1600	3~15					
	600~3000	5~25					
250	600~3000	3~15					
	1000~5000	5~25					
300	800~3600	3~15					
	1300~6500	5~25					
400	1600~6500	3~15					
	2500~12500	5~25					
500	2500~12500	3~15					
	4000~20000	5~25					



Overall dimensions

Overall Dimensions Of The Sensor

Dia DN	Sensor Diamension		Flange Dimension				Thread Dimension		Flange Standard
	L	H	D	D1	D2	n-∅	L	G	
10	345	170						1/2	JB79-59
15	75	190	65	65	45	4~14	30	1	
25	100	230	115	85	65	4~14	30	2 3/4	
40	140	260	150/145	110	85	4~18	35	2	
50	150	270	165	125	100	4~18			JB81-59 JB82-59
			160						
80	200	300	200	160	135	8~18			
			195						
100	220	330	220	180	155	8~18			
			215						
150	300	390	285	240	210	8~23			
			280						
200	360	455	340	295	265	12~23			
			335						
250	400	510	405	335	320	12~25/26			
300	420	565	460	415	375	12~25/26			
400	560	680	580	525	485	16~30			
500	600	790	715/705	650	608	20~34			

If the fluid temperature is - 20 ℃~+120 ℃, H shall be added with the length of extension rod (L=230mm)

Overall Dimensions Of The Sensor

Dia	L	A	B	C	D	E	H
100	220	112	168	16	10	16	273
150	305	168	164	16	10	16	330
200	360	219	215	18	10	18	375

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Installation Method

The sensor is installed horizontally, and the sensor with a nominal diameter of 10~40mm is connected with the pipeline by thread; Between sensor with nominal diameter of 50~500mm and pipeline Flange connection is adopted. See Table 5 and Figure 1 for specific dimensions. The upstream side of the sensor must ensure a straight pipe section no less than 20 times the length of the pipe diameter, and the downstream side no less than 5 times the length of the pipe straight pipe section with diameter length. When the fluid is not clean, a filter shall be installed on the upstream side of the sensor; When the liquid fluid is mixed with gas, the upstream side of the sensor shall be installed when the length of the straight pipe section on the upstream side cannot be guaranteed, the straightener (flow) shall be installed. During installation, a bypass pipe shall be set to facilitate cleaning and replacement, as shown in Figure 3

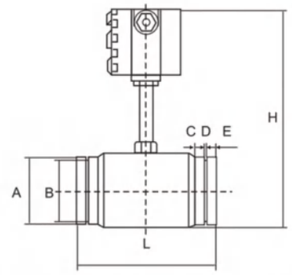


Figure 2 Appearance of Turbine Flow Sensor of Sand Mixing Truck

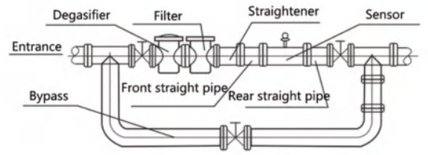


Figure. 3 Installation of mixed turbine flowmeter

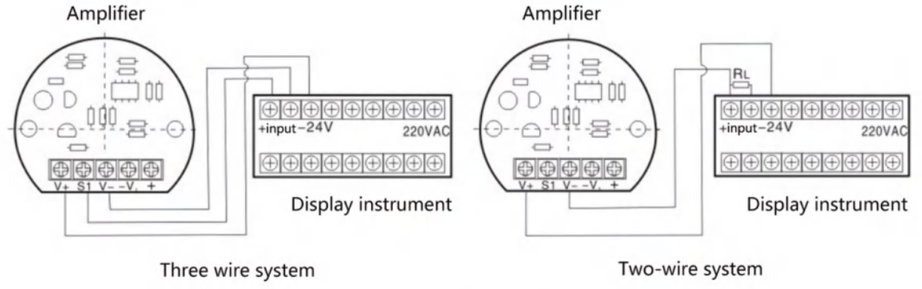


Figure 4 Wiring Diagram

Please Specify Requirements When Ordering

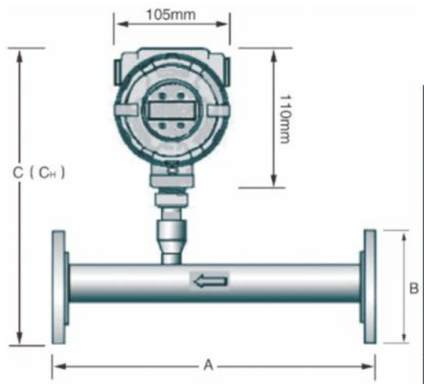
Please read this sample and understand the sensor model and coding regulations before ordering, and propose the corresponding product model and coding according to your needs. If necessary, Please also indicate

Fluid name, flow range, working pressure and temperature, viscosity, corrosivity

Environmental conditions for product use (temperature, humidity, power fluctuation, electromagnetic interference, etc.)

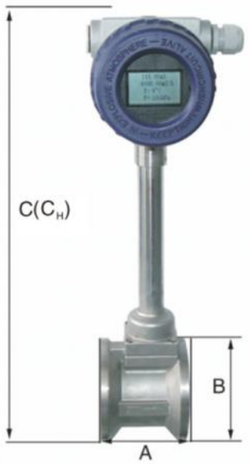
Please consult with our company for special requirements;

Complete set selection: filter, degasser and rectifier.



Flanged

Drift diameter	A	B	C	C High temperature type
15 20 25 32	170	105 115 140	405	465
40	170	145	430	490
50	170	165	445	515
65	190	180	470	535
80	190	195	490	550
100	200	215	500	560
125	200	245	520	580
150	200	280	565	625
200	200	340	610	680
250	240	395	660	720
300	240	445	720	780



Flange clamp type

Drift diameter	A	B	C	C High temperature type
15 20 25 32	70	55	365	425
40	85	80	390	450
50	85	90	400	460
65	85	105	415	475
80	85	120	430	490
100	85	140	450	510
125	85	168	478	538
150	100	194	504	564
200	100	248	558	618
250	115	300	610	670
300	130	350	660	720

Wenzhou Weifeng Technology Co.,Ltd.

1 Introduction

2 Technical parameters and instruction

Weifeng water flow indicator flow indicator alias impeller mirror liquid flow indicator is a necessary accessory to observe the flow of medium in the pipeline. The flow indicator is widely used in cooling system, lubrication system, fuel supply system, petroleum, chemical industry, chemical fiber, medicine, food, power plant, boiler equipment, vacuum equipment, injection molding machine accessories, pump industry accessories, environmental protection industry, sewage treatment plant and other industrial production devices. It can observe the flow reaction of liquid, gas, steam and other media at any time, and is an indispensable accessory to ensure normal production. Flow indicators include threaded flow indicators, welded flow indicators and flanged flow indicators.

The flow indicator can also be used in the automatic sprinkler system. It can be installed on the main water supply pipe or the cross bar water pipe to give the flow value of the medium in a certain sub-area and small area. This flow value can be sent to the electric control box to facilitate the start of the control switch of the fire pump. 360-degree glass tube flow indicator

WF-YL impeller type water (oil) flow indicator

WF-FQ floating ball WF-BB swing plate WF-ZT straight-through technical parameters

Threaded type: DN6-DN100 (1/8-4 inch) welded type: DN6-DN400 (1/8-16 inch) flange type: DN15-DN400 (1/2-16 inch) ferrule type ∅ 6-25

Pressure rating: 0.6/1.0/1.6/2.5/4.0/5.0MPA (150LB-300LB)

Glass pressure resistance: tempered borosilicate glass sheet ≤ 2.5MPa quartz glass sheet ≤ 10.0MPa tempered borosilicate glass cylinder<0.6MPa quartz glass cylinder<0.6MPa

Valve body material: carbon steel (WCB); Stainless steel (304/316) window material: tempered glass; Tempered borosilicate glass; quartz glass

Temperature resistance of glass: tempered borosilicate glass: ≤ 200 ℃, quartz glass: 1000 ℃, allowable sudden change temperature ≤ 60 ℃

Sealing gasket: NBR gasket/PTFE gasket/metal gasket/graphite gasket

Nut bolt: 20 # 304 304L 316 316L

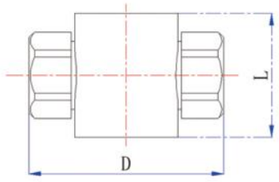
Sealing surface: raised face (RF) plane (FF) concave and convex face (MFM) tenon and groove face (TG)

Flange standard: HG GB HGJ JB ANSI JIS DIN BS NF

Manufacturing inspection standard: HGJ501-502-86 Thread standard: G RC NPT

Valve body appearance: carbon steel anti-corrosion paint or blackened stainless steel pickling treatment or polishing brand Weifeng model SG series WF series

Picture



Product advantage

1. All standard threads G, Rc, NPT
2. Multiple materials: WCB, SS304, SS316, SS316L, etc
3. Multi-domain application
4. Impeller selection: plastic impeller, PTFE impeller, metal impeller

Parameters

Model：	WF-YL11-1
Product Name：	Threaded end stainless steel eccentric impeller flow indicator can be used in pipeline
Body material:	Carbon steel (WCB); 304; 316; 316L
Product size:	DN6-DN100(1/8-4 Inch)
Maximum operating pressure:	0.6/1.0/1.6/2.5/4.0/5.0Mpa
Media:	Water, oil, gas and chemical acids, salt liquids or gases
Maximum operating temperature:	100°C/212° F Be used for NBR / Viton pad PTFE do 200°C/392° F
Sealing Gasket:	NBR/Viton/PTFE
Thread standard：	G/RC/NPT

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Picture

Product advantages

1.Various media available: water, oil, acid liquid, alkaline liquid, sea water, etc
2. Various materials available: 304,316,316L, copper
3. Various thread standards can be selected

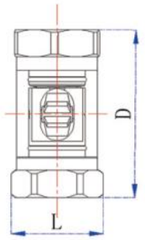
Product application

1. Petroleum, chemical, chemical fiber, medicine, food, power plant
2. Boiler equipment, vacuum equipment, injection molding machine accessories, pump industry accessories, environmental protection industry, sewage treatment plant
3. Cooling system, lubrication system and fuel supply system

Parameters

Model：	WF-YL11-03、WF-YL11-03A
Product Name：	304 stainless steel flow indicator with floating ball
Body material:	304; 316; 316L ;copper
Product size:	DN6-DN50(1/8-2 Inch)
Maximum operating pressure:	0.6Mpa
Media:	Water, oil, gas and chemical acids, salt liquids or gases
Maximum operating temperature:	100°C/212° F Be used for NBR / Viton pad PTFE do 200°C/392° F
Sealing Gasket:	NBR/Viton/PTFE
Thread standard：	G/RC/NPT

Picture



Product advantages

1. Small space
2. Multiple materials can be produced and applicable to multiple industries
3. Customizable, multiple threads: G, Rc, NPT

Product application

1. Applicable to small space environment
2. Applicable to chemical, industrial, agricultural and other fields
3. Applicable in low pressure environment

Parameters

Model：	WF-YL11-05
Product Name：	Threaded end tube type mirror flow indicator with paddle wheel
Body material:	Carbon steel(WCB); 304; 316; 316L ;copper
Product size:	DN6-DN50(1/8-2 Inch)
Maximum operating pressure:	0.6/1.0/1.6Mpa
Media:	Water, oil, gas and chemical acids, salt liquids or gases
Maximum operating temperature:	100°C/212° F Be used for NBR / Viton pad PTFE do 200°C/392° F
Sealing Gasket:	NBR/Viton/PTFE
Thread standard：	G/RC/NPT

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Picture

Parameters

WF-YL11-05A

1. Applicable to various fields: power plant, boiler equipment, vacuum equipment, pump industry supporting, environmental protection industry, sewage treatment plant
2. Each standard flange can be equipped with: G, Rc, NPT
3. Various materials can be made: WCB, 304,316,316L, etc

Picture

Parameters

WF-YL11-05H

1. Applicable to various fields: power plant, boiler equipment, vacuum equipment, pump industry supporting, environmental protection industry, sewage treatment plant
2. Each standard flange can be equipped with: G, Rc, NPT
3. Various materials can be made: WCB, 304,316,316L, etc
4. Working pressure: 0.6, 1.0, 1.6 Mpa
5. Night vision water flow indicator

Picture

SG-YL11-052

Picture

SG-YL11-057

Introduction

Model: SG-YL11-052
Material: WCB, 304,316,316L
Product description: external thread con-
nection,
Threads can be made of: G, Rc, NPT,
It takes up little space and is different
from the size of the pipeline
Basically the same, applicable to small
pressure
Pipeline, medium: water, oil, acid
Sexual liquid, alkaline liquid, cooling
Water and steam can be used.

Model: SG-YL11-057
Material: WCB, 304,316,316L
Product introduction: N inner threaded
connection,
Threads can be made: G, Rc, NPT,
Four-column connection through indica-
tor
Observer tube for impeller speed
The flow of the medium in the channel is
Production safety is guaranteed while
Media flow rate can be viewed.

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Picture

Parameters

WF-YL11-057
1. Applicable to various fields: power plant, boiler equipment, vacuum equipment, pump industry supporting, environmental protection industry, sewage treatment plant
2. Standard threads: G, Rc, NPT
3. Various materials can be made: WCB, 304,316,316L, etc
4. Working pressure: 0.6, 1.0, 1.6 Mpa

Picture

Parameters

WF-YL11-056
1. Applicable to various fields: power plant, boiler equipment, vacuum equipment, pump industry supporting, environmental protection industry, sewage treatment plant
2. Each standard flange can be equipped with: G, Rc, NPT
3. Various materials can be made: WCB, 304,316,316L, etc
4. Working pressure: 0.6, 1.0, 1.6 Mpa

Picture

Product advantages

1. Impeller is sensitive and has long service life
2. All standard flanges can be equipped with
3. High temperature and high pressure can be customized and used in many fields

Product application

1. Power plant, boiler equipment, vacuum equipment, pump industry, environmental protection industry, sewage treatment plant
2. Cooling system, lubrication system and fuel supply system
3. Petroleum, chemical, chemical fiber, medicine, food

Parameters

Model：	WF-YL41-10
Product Name：	Double window flange end sight glass for PTFE impeller
Body material:	Carbon steel (WCB); 304; 316; 316L
Product size:	DN15-DN400(1/2-16 Inch)
Maximum operating pressure:	0.6/1.0/1.6/2.5/4.0/5.0Mpa (150 LB to 300 LB)
Media:	Water, oil, gas and chemical acids, salt liquids or gases
Maximum operating temperature:	100°C/212° F Be used for NBR / Viton pad PTFE do 200°C/392° F
Sealing Gasket:	NBR/Viton/PTFE
Thread standard：	HG/ GB/ HGJ/ JB/ ANSI/ JIS/ DIN/ BS/ NF

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Picture

Parameters

WF-YL41-81

1. Applicable to various fields: power plant, boiler equipment, vacuum equipment, pump industry supporting, environmental protection industry, sewage treatment plant
2. Standard flanges can be equipped with: GB, DIN, JIN, ANSI, etc
3. Various materials can be made: WCB, 304,316,316L, etc
4. Working pressure: 0.6, 1.0, 1.6, 2.5, 5.0 Mpa

Picture

Parameters

WF-YL41-077

1. Applicable to various fields: power plant, boiler equipment, vacuum equipment, pump industry supporting, environmental protection industry, sewage treatment plant
2. Standard flanges can be equipped with: GB, DIN, JIN, ANSI, etc
3. Various materials can be made: WCB, 304,316,316L, etc
4. Working pressure: 0.6, 1.0, 1.6 Mpa

Picture


Introduction

The flow indicator is a necessary accessory to observe the flow of medium in the pipe, and is installed on the main water supply pipe

Or on the cross bar water pipe, give the medium flow value of a certain sub-region and small area, and observe the flow rate

Easy to control flow output.

Model: WF-YL41-011

Flange type: DN15-DN400 (1/2-16 inch)

Valve body material: WCB, 304,316,316L

Picture


Introduction

The flow indicator is a necessary accessory to observe the flow of medium in the pipe, and is installed on the main water supply pipe

Or on the cross bar water pipe, give the medium flow value of a certain sub-region and small area, and observe the flow rate

Easy to control flow output.

Model: WF-YL41-20

Flange type: DN15-DN400 (1/2-16 inch)

Valve body material: WCB, 304,316,316L

Picture


Product advantages

1. The square impeller water flow indicator is sensitive and has a long service life
2. All standard flanges can be equipped with
3. High temperature and high pressure can be customized and used in many fields

Product application

1. Power plant, boiler equipment, vacuum equipment, pump industry, environmental protection industry, sewage treatment plant
2. Cooling system, lubrication system and fuel supply system
3. Petroleum, chemical, chemical fiber, medicine, food

Parameters

Model：	WF-YL41-206
Product Name：	Industrial liquid flow indicator with double flat window flange end with paddle wheel
Body material:	Carbon steel (WCB); 304; 316; 316L
Product size:	DN15-DN400(1/2-16 Inch)
Maximum operating pressure:	0.6/1.0/1.6/2.5/4.0/5.0Mpa (150 LB to 300 LB)
Media:	Water, oil, gas and chemical acids, salt liquids or gases
Maximum operating temperature:	100°C/212° F Be used for NBR / Viton pad PTFE do 200°C/392° F
Sealing Gasket:	NBR/Viton/PTFE
Thread standard：	HG/ GB/ HGJ/ JB/ ANSI/ JIS/ DIN/ BS/ NF

Picture

Product advantages

1. Heavy impeller water flow indicator impeller is sensitive and has long service life
2. All standard flanges can be equipped with
3. High temperature and high pressure can be customized and used in many fields

Product application

1. Power plant, boiler equipment, vacuum equipment, pump industry, environmental protection industry, sewage treatment plant
2. Cooling system, lubrication system and fuel supply system
3. Petroleum, chemical, chemical fiber, medicine, food

Parameters

Model：	WF-YL41-208
Product Name：	Double flat window high pressure mirror impeller flow indicator
Body material:	Carbon steel (WCB); 304; 316; 316L
Product size:	DN15-DN400(1/2-16 Inch)
Maximum operating pressure:	0.6/1.0/1.6/2.5/4.0/5.0Mpa (150 LB to 300 LB)
Media:	Water, oil, gas and chemical acids, salt liquids or gases
Maximum operating temperature:	100°C/212° F Be used for NBR / Viton pad PTFE do 200°C/392° F
Sealing Gasket:	NBR/Viton/PTFE
Thread standard：	HG/ GB/ HGJ/ JB/ ANSI/ JIS/ DIN/ BS/ NF

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Picture

Product advantages

1. Impeller is sensitive and has long service life
2. All standard flanges can be equipped with
3. High temperature and high pressure can be customized and used in many fields

Product application

1. Power plant, boiler equipment, vacuum equipment, pump industry, environmental protection industry, sewage treatment plant
2. Cooling system, lubrication system and fuel supply system
3. Petroleum, chemical, chemical fiber, medicine, food

Parameters

Model：	WF-YL41-L
Product Name：	304 stainless steel L-shaped mirror liquid flow indicator
Body material:	Carbon steel (WCB); 304; 316; 316L
Product size:	DN15-DN400(1/2-16 Inch)
Maximum operating pressure:	0.6/1.0/1.6/2.5/4.0/5.0Mpa (150 LB to 300 LB)
Media:	Water, oil, gas and chemical acids, salt liquids or gases
Maximum operating temperature:	100°C/212° F Be used for NBR / Viton pad PTFE do 200°C/392° F
Sealing Gasket:	NBR/Viton/PTFE
Thread standard：	HG/ GB/ HGJ/ JB/ ANSI/ JIS/ DIN/ BS/ NF

Picture


Product advantages

1. With scale, you can roughly see the liquid flow according to the scale
2. Metal baffle can be connected with high-temperature medium
3. High pressure and high temperature can be customized
4. Various diameters, threads and models are optional

Product application

1. Cooling system, lubrication system, petroleum, chemical industry, chemical fiber, medicine, food, power plant
2. Observable: gas, liquid, steam

Parameters

Model：	WF-BB11-29
Product Name：	Stainless steel mirror water flow indicator with baffle
Body material:	Carbon steel (WCB); 304; 316; 316L
Product size:	DN6-DN100(1/8-4 Inch)
Maximum operating pressure:	0.6/1.0/1.6/2.5/4.0/5.0Mpa
Media:	Water, oil, gas and chemical acids, salt liquids or gases
Maximum operating temperature:	100°C/212° F Be used for NBR / Viton pad PTFE do 200°C/392° F
Sealing Gasket:	NBR/Viton/PIFE
Thread standard：	G/RC/NPT

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Picture

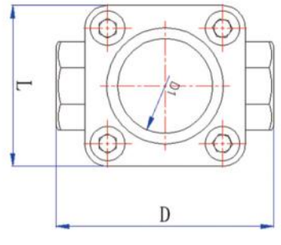

Parameters

Name: butterfly baffle water flow indicator
Material: WCB, 304,316,316L
Diameter: DN6-DN100
Pressure: 0.6MPa-1.6MPa, high pressure can be customized
Temperature: 0 ℃ - 150 ℃ High temperature can be customized

Picture


Parameters

Name: square baffle water flow indicator
Material: WCB, 304,316,316L
Diameter: DN6-DN100
Pressure: 0.6MPa-1.6MPa, high pressure can be customized
Temperature: 0 ℃ - 150 ℃, high temperature can be customized



Picture


Introduction

The flow indicator is a necessary accessory to observe the flow of medium in the pipe, and is installed on the main water supply pipe

Or on the cross bar water pipe, give the medium flow value of a certain sub-region and small area, and observe the flow rate

Easy to control flow output.

Model: WF-BB41-205

Flange type: DN15-DN400 (1/2-16 inch)

Valve body material: WCB, 304,316,316L

Picture


Introduction

The flow indicator is a necessary accessory to observe the flow of medium in the pipe, and is installed on the main water supply pipe

Or on the cross bar water pipe, give the medium flow value of a certain sub-region and small area, and observe the flow rate

Easy to control flow output.

Model: WF-BB41-208

Flange type: DN15-DN400 (1/2-16 inch)

Valve body material: WCB, 304,316,316L

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Picture


Product advantages

1. Applicable in various fields
2. All standard flanges can be equipped with
3. With scale, the flow can be observed

Product application

1. Power plant, boiler equipment, vacuum equipment, pump industry, environmental protection industry, sewage treatment plant
2. Cooling system, lubrication system and fuel supply system
3. Petroleum, chemical, chemical fiber, medicine, food

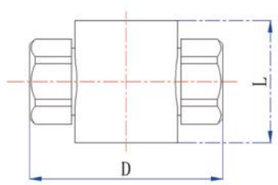
Parameters

Model：	WF-BB41-206
Product Name：	Stainless steel gas flow detector with baffle flange end liquid flow indicator
Body material:	Carbon steel (WCB); 304; 316; 316L
Product size:	DN6-DN400(1/8-16 Inch)
Maximum operating pressure:	0.6/1.0/1.6/2.5/4.0/5.0Mpa
Media:	Water, oil, gas and chemical acids, salt liquids or gases
Maximum operating temperature:	100°C/212° F Be used for NBR / Viton pad PTFE do 200°C/392° F
Sealing Gasket:	NBR/Viton/PTFE
Thread standard：	HG/ GB/ HGJ/ JB/ ANSI/ JIS/ DIN/ BS/ NF

Picture

Product advantages

1. Floating ball is light in jumping speed
2. Floating ball material: plastic, PTFE
3. High temperature and high pressure can be customized



Product application

1. Petroleum, chemical, chemical fiber, medicine, food, power plant
2. Boiler equipment, vacuum equipment, injection molding machine accessories, pump industry accessories, environmental protection industry, sewage treatment plant
3. Cooling system, lubrication system and fuel supply system

Parameters

Model：	WF-FQ11-4
Product Name：	Internal thread stainless steel mirror flow indicator with plastic floating ball
Body material:	Carbon steel (WCB); 304; 316; 316L
Product size:	DN6-DN100(1/8-4 Inch)
Maximum operating pressure:	0.6/1.0/1.6/2.5/4.0/5.0Mpa
Media:	Water, oil, gas and chemical acids, salt liquids or gases
Maximum operating temperature:	100°C/212° F Be used for NBR / Viton pad PTFE do 200°C/392° F
Sealing Gasket:	NBR/Viton/PTFE
Thread standard：	G/RC/NPT

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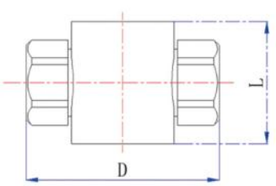
Picture

Product advantages

1. Floating ball is light in jumping speed
2. Floating ball material: plastic, PTFE
3. High temperature and high pressure can be customized



Product application

1. Petroleum, chemical, chemical fiber, medicine, food, power plant
2. Boiler equipment, vacuum equipment, injection molding machine accessories, pump industry accessories, environmental protection industry, sewage treatment plant
3. Cooling system, lubrication system and fuel supply system

Parameters

Model：	WF-FQ11-6
Product Name：	Stainless steel mirror water flow indicator with plastic float
Body material:	Carbon steel (WCB); 304; 316; 316L
Product size:	DN6-DN100(1/8-4 Inch)
Maximum operating pressure:	0.6/1.0/1.6/2.5/4.0/5.0Mpa
Media:	Water, oil, gas and chemical acids, salt liquids or gases
Maximum operating temperature:	100°C/212° F Be used for NBR / Viton pad PTFE do 200°C/392° F
Sealing Gasket:	NBR/Viton/PTFE
Thread standard：	G/RC/NPT

Picture

Product advantages

1. Floating ball is light in jumping speed
2. Floating ball material: plastic, PTFE
3. High temperature and high pressure can be customized

Product application

1. Petroleum, chemical, chemical fiber, medicine, food, power plant
2. Boiler equipment, vacuum equipment, injection molding machine accessories, pump industry accessories, environmental protection industry, sewage treatment plant
3. Cooling system, lubrication system and fuel supply system

Parameters

Model：	WF-FQ11-26A
Product Name：	External thread water flow indicator with plastic floating ball
Body material:	Carbon steel (WCB); 304; 316; 316L
Product size:	DN6-DN100(1/8-4 Inch)
Maximum operating pressure:	0.6/1.0/1.6/2.5/4.0/5.0Mpa
Media:	Water, oil, gas and chemical acids, salt liquids or gases
Maximum operating temperature:	100°C/212° F Be used for NBR / Viton pad PTFE do 200°C/392° F
Sealing Gasket:	NBR/Viton/PTFE
Thread standard：	G/RC/NPT

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Picture

Product advantages

1. Various materials available: WCB, 304,316,316L
2. Customization is acceptable
3. Applicable to various fields

Product application

1. Petroleum, chemical, chemical fiber, medicine, food, power plant
2. Boiler equipment, vacuum equipment, injection molding machine accessories, pump industry accessories, environmental protection industry, sewage treatment plant
3. Cooling system, lubrication system and fuel supply system

Parameters

Model：	WF-FQ11-27
Product Name：	304 stainless steel mirror threaded end fuel flow indicator with floating ball
Body material:	Carbon steel (WCB); 304; 316; 316L
Product size:	DN6-DN100(1/8-4 Inch)
Maximum operating pressure:	0.6/1.0/1.6/2.5/4.0/5.0Mpa
Media:	Water, oil, gas and chemical acids, salt liquids or gases
Maximum operating temperature:	100°C/212° F Be used for NBR / Viton pad PTFE do 200°C/392° F
Sealing Gasket:	NBR/Viton/PTFE
Thread standard：	G/RC/NPT

Picture

Product advantages

1.Various media available: water, oil, acid liquid, alkaline liquid, sea water, etc

2. Various materials available: 304,316,316L, copper

3. Various thread standards can be selected

Product application

1. Petroleum, chemical, chemical fiber, medicine, food, power plant

2. Boiler equipment, vacuum equipment, injection molding machine accessories, pump industry accessories, environmental protection industry, sewage treatment plant

3. Cooling system, lubrication system and fuel supply system

Parameter

Model：	WF-FQ11-032
Product Name：	304 stainless steel flow indicator with floating ball
Body material:	304; 316; 316L ;copper
Product size:	DN6-DN50(1/8-2 Inch)
Maximum operating pressure:	0.6Mpa
Media:	Water, oil, gas and chemical acids, salt liquids or gases
Maximum operating temperature:	100°C/212° F Be used for NBR / Viton pad PTFE do 200°C/392° F
Sealing Gasket:	NBR/Viton/PTFE
Thread standard：	G/RC/NPT

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Picture

Product advantages

1. Various media available: water, oil, acidic liquid, alkaline liquid, etc

2. Various materials available: 304,316,316L

3. Pressure bearing range ≤ 1.6MPa, internal and external threads can be selected

Product application

1. Petroleum, chemical, chemical fiber, medicine, food, power plant

2. Boiler equipment, vacuum equipment, injection molding machine accessories, pump industry accessories, environmental protection industry, sewage treatment plant

3. Cooling system, lubrication system and fuel supply system

Parameters

Model：	WF-FQ41-038、WF-FQ11-308A
Product Name：	Plane water flow indicator with floating ball
Body material:	Carbon steel (WCB); 304; 316; 316L
Product size:	DN6-DN50(1/8-2inch)
Maximum operating pressure:	0.6/1.0/1.6Mpa
Media:	Water, oil, gas and chemical acids, salt liquids or gases
Maximum operating temperature:	100°C/212° F Be used for NBR / Viton pad PTFE do 200°C/392° F
Sealing Gasket:	NBR/Viton/PTFE
Thread standard：	HG/ GB/ HGJ/ JB/ ANSI/ JIS/ DIN/ BS/ NF

Picture

Product advantages

1. Various media available: water, oil, acidic liquid, alkaline liquid, etc
2. Various materials available: Carbon Steel304, 316, 316L
3. Polishing treatment, which can be used in the food industry

Product application

1. Petroleum, chemical, chemical fiber, medicine, food, power plant
2. Boiler equipment, vacuum equipment, injection molding machine accessories, pump industry accessories, environmental protection industry, sewage treatment plant
3. Cooling system, lubrication system and fuel supply system

Parameters

Model：	WF-FQ11-82
Product Name：	Stainless steel flow detector with plastic float water/oil flow indicator
Body material:	Carbon steel (WCB); 304; 316; 316L
Product size:	DN6-DN100(1/8-4 Inch)
Maximum operating pressure:	0.6/1.0/1.6/2.5/4.0/5.0Mpa
Media:	Water, oil, gas and chemical acids, salt liquids or gases
Maximum operating temperature:	100°C/212° F Be used for NBR / Viton pad PTFE do 200°C/392° F
Sealing Gasket:	NBR/Viton/PTFE
Thread standard：	G/RC/NPT

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Picture

Parameters

WF-FQ41-4

1. Applicable to various fields: power plant, boiler equipment, vacuum equipment, pump industry supporting, environmental protection industry, sewage treatment plant
2. Standard flanges can be equipped with: GB, DIN, JIN, ANSI, etc
3. Various materials can be made: WCB, 304,316,316L, etc
4. Working pressure: 0.6, 1.0, 1.6, 2.5, 5.0 Mpa

Picture

Parameters

WF-FQ41-038

1. Applicable to various fields: power plant, boiler equipment, vacuum equipment, pump industry supporting, environmental protection industry, sewage treatment plant
2. Standard flanges can be equipped with: GB, DIN, JIN, ANSI, etc
3. Various materials can be made: WCB, 304,316,316L, etc
4. Working pressure: 0.6, 1.0, 1.6 Mpa

Picture

Product application

1. Applicable to small space environment
2. Applicable to chemical, industrial, agricultural and other fields
3. Applicable in low pressure environment

Product adavantages

1. Small space
2. Multiple materials can be produced and applicable to multiple industries
3. Customizable, multiple threads: G, Rc, NPT

Parameters

Model：	WF-ZT11-05
Product Name：	Threaded end tube type mirror flow indicator can with paddle wheel
Body material:	Carbon steel (WCB); 304; 316; 316L
Product size:	DN6-DN50(1/8-2 Inch)
Maximum operating pressure:	0.6/1.0/1.6Mpa
Media:	Water, oil, gas and chemical acids, salt liquids or gases
Maximum operating temperature:	100°C/212° F Be used for NBR / Viton pad PTFE do 200°C/392° F
Sealing Gasket:	NBR/Viton/PTFE
Thread standard：	G/RC/NPT

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Picture

Parameters

Model: WF-ZT41-208

Body material: carbon steel (WCB), 304, 316, 316L

Product Size: DN6-DN400 (1/8-16 Inch)

Max Operating Pressure: 0.6/1.0/1.6/2.5/4.0/5.0

Max.Working Temp :100°C / 212°F for NBR / Viton Gasket200°C/392°F for PTFE

Picture

Parameters

Model: WF - ZT41-206D

Body material: carbon steel (WCB), 304, 316, 316L

Product Size: DN6-DN400 (1/8-16 Inch)

Max Operating Pressure: 0.6/1.0/1.6/2.5/4.0/5.0

Max.Working Temp :100°C / 212°F for NBR / Viton Gasket200°C/392°F for PTFE

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Picture

Parameters

Model: WF - ZT300

Body material: carbon steel (WCB), 304,316,316L

Product Size: DN6-DN400 (1/8-16 Inch)

Max Operating Pressure: 0.6/1.0/1.6/2.5/4.0/5.0

Max.Working Temp :100°C / 212°F for NBR / Viton Gasket200°C/392°F for PTFE

Picture

Parameters

Model: WF - ZT120

Body material: carbon steel (WCB), 304,316,316L

Product Size: DN6-DN100 (1/8-4 Inch)

Max Operating Pressure: 0.6/1.0/1.6/2.5/4.0/5.0

Max.Working Temp :100°C / 212°F for NBR / Viton Gasket200°C/392°F for PTFE

Company Display