

D20系列 法兰式蝶阀 弹性阀座式 中线

D20 series flange butterfly valve with elastic seat center line

铁野控制阀门(上海)有限公司
YEAH CONTROL VALVE (SHANGHAI) CO., LTD.

Unit:mm



概述及应用

D20系列法兰式蝶阀是一种常见的工业管道阀门，主要用于控制管道中的流体介质。其特点是结构紧凑，特别适用于空间狭窄或管道间距较短的场所。对夹式蝶阀通过双头螺栓将阀门连接在两管道法兰之间，使安装和维护相对方便。

产品特点

- > 由扭矩产生弹性密封。
- > 巧妙的楔形设计使阀门有越关越紧的自动密封功能，密封面之间具有补偿性、零泄漏。
- > 体积小、重量轻、操作轻巧、便于安装。
- > 可根据用户要求配置气动、电动装置，满足遥控和程控的需要。
- > 更换零件材质可适用于各种介质，并可进行衬里防腐(衬F46、GXPP、PO等)。

技术参数 Technical Parameters

公称通径 Nominal diameter	DN50~DN1000
压力等级 Pressure grade	PN10
工作温度 Operating temperature	-50°C~200°C
连接方式 Connection	法兰 Flange

Overview and Application

The D20 series flange butterfly valve is a common industrial pipeline valve, mainly used to control fluid media in pipelines. Its characteristic is compact structure, especially suitable for places with narrow space or short pipeline spacing. The clamp type butterfly valve is connected between two pipeline flanges using double headed bolts, making installation and maintenance relatively convenient.

Product Features

- Elastic sealing is generated by torque.
- The clever wedge-shaped design enables the valve to have an automatic sealing function that becomes tighter as it is closed, with compensatory properties between the sealing surfaces Zero leakage.
- Small size, light weight, easy operation, and convenient installation.
- Pneumatic and electric devices can be configured according to user requirements to meet the needs of remote control and program control.
- Changing the material of the parts can be applied to various media and can be used for lining anti-corrosion (lining F46, GXPP, PO, etc.).

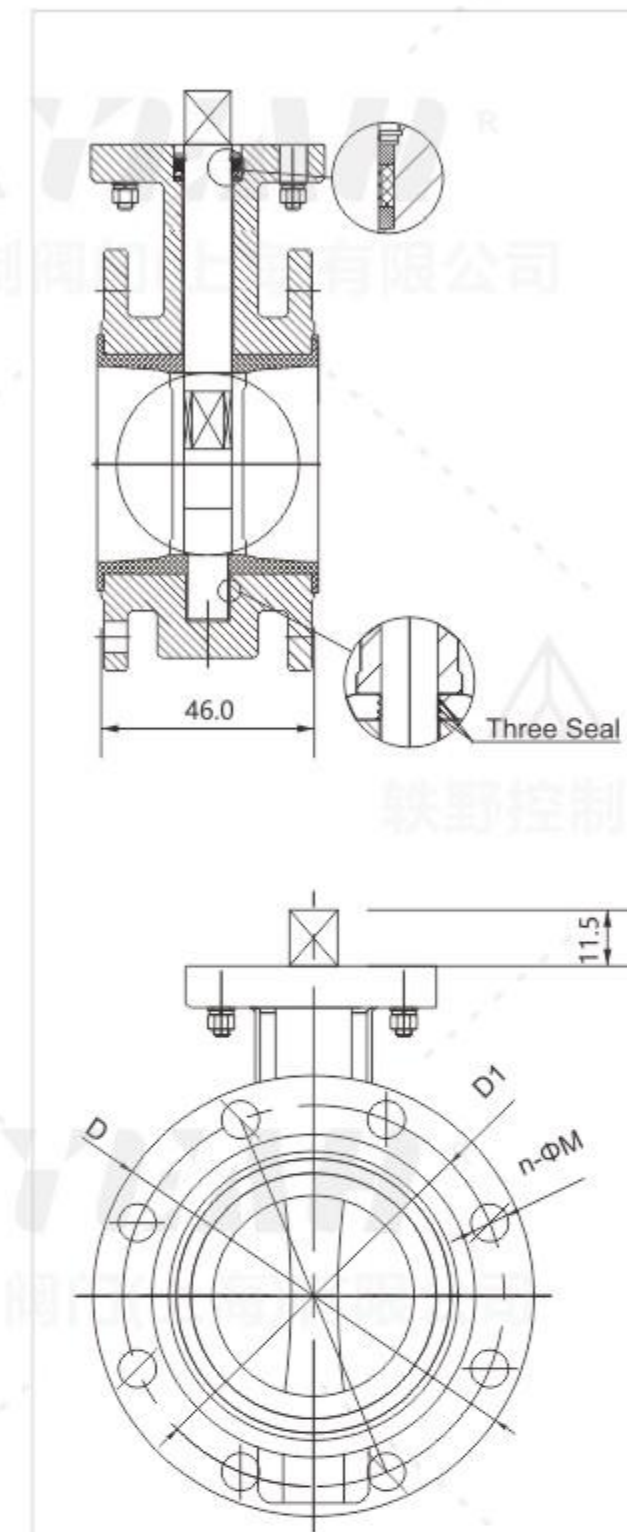
产品认证 Product Certification

TUV IEC61508-SIL3安全
完整性功能认证
TUV ISO15848低泄漏认证
TUV API607防火认证

TUV IEC61508-SIL3 Certification
of safety and integrated functions
TUV ISO15848 Low-leakage
certification
TUV API607 Fireproofing certification



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注: DN50-350方轴 DN400-1000圆轴



GB DN50-DN1000-PN10

DN	L	D	D1	n-ΦM	H3	S*S	G	ISO 5211
50	108	165	125	4-Φ18	20	9*9		F05
65	112	185	145	4-Φ18	20	9*9		F05
80	114	200	160	8-Φ18	20	9*9		F05
100	127	220	180	8-Φ18	20	11*11		F07
125	140	250	210	8-Φ18	30	14*14		F07
150	140	285	240	8-Φ22	30	14*14		F07
200	152	340	295	8-Φ22	30	17*17		F10
250	165	395	350	12-Φ22	40	22*22		F10
300	178	445	400	12-Φ22	40	22*22		F12
350	190	505	460	16-Φ22	50	22*22		F12
400	216	565	515	16-Φ26	50		33.1	F14
450	222	615	565	20-Φ26	60		38	F14
500	229	670	620	20-Φ26	60		41.1	F16
600	267	780	725	20-Φ30	70		50.6	F16
700	292	895	840	24-Φ30	80		63.35	F25
800	318	1015	950	24-Φ33	80		63.35	F25
900	330	1115	1050	28-Φ33	120		75	F25
1000	410	1230	1160	28-Φ36	150		85	F25

介质推荐表 Media recommendation table

材质 Texture of material	适用温度 Applicable temperature	淡水 Fresh water	污水 Sewage	海水 Seawater	弱酸 Weak Acid	强酸 Strong Acid	弱碱 Weak Alkali	强碱 Strong Alkali	空气 Air	烟气 Flue Gas	蒸汽 Steam	天然气 Natural Gas	醇类 Alcohols	油类 Oils	食品 Food	突出特点 Outstanding features
三元乙丙 EPDM	-20°C~120°C															耐磨损、耐老化 Wear and aging resistance
丁腈 NBR	-20°C~100°C															耐油 Oil resistant
天然橡胶 NR	-20°C~80°C															弹性好 Good elasticity
硅橡胶 SI	-20°C~160°C															食品级 Food grade
氟橡胶 FPM	-23°C~200°C															耐腐蚀、耐高温 Corrosion and high temperature resistance
聚四氟乙烯 PTFE	-10°C~150°C															耐腐蚀、耐酸碱 Corrosion resistance acid and alkali resistance
塑料 UPVC	-10°C~80°C															耐老化、不耐低温 Resistant to aging and low temperatures
球墨铸铁 QT450	-20°C~350°C															污水、煤气工况用的较多 Resistant to aging and low temperatures
铸钢 WCB	-29°C~425°C															中低压工况性价比 High cost performance under medium and low pressure conditions
奥氏不锈钢 304	-196°C~450°C															耐低温、耐腐蚀 Low temperature and corrosion resistance
奥氏不锈钢 316L	-196°C~450°C															耐低温、耐腐蚀 Low temperature and corrosion resistance
双相钢 2205	-46°C~550°C															耐高温烟气 High temperature resistant flue gas
双相钢 2520	-46°C~650°C															耐高温烟气 High temperature resistant flue gas
双相钢 2507	-46°C~450°C															耐腐蚀、耐冲刷 Strong corrosion and erosion resistance
双相钢 1.4529	-46°C~450°C															耐腐蚀、耐冲刷 Strong corrosion and erosion resistance
铝青铜 C95400	-40°C~250°C															船用、氧气阀用的较多 Many ship valves and oxygen valves are used
铝合金 ADC12	-29°C~220°C															防结露、结霜 Anti condensation

备注:①流速大于1.5M/S不适用 ②氢氧化钾不适用

非常适用 适用 有限适用 不适用