



Krank & Luo industries

FOCUS ON DEVELOPMENT

上海德托康国际贸易有限公司



Krank & Luo industries

Product Portfolio

上海德托康国际贸易有限公司

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Designed
for all
industrial-applications



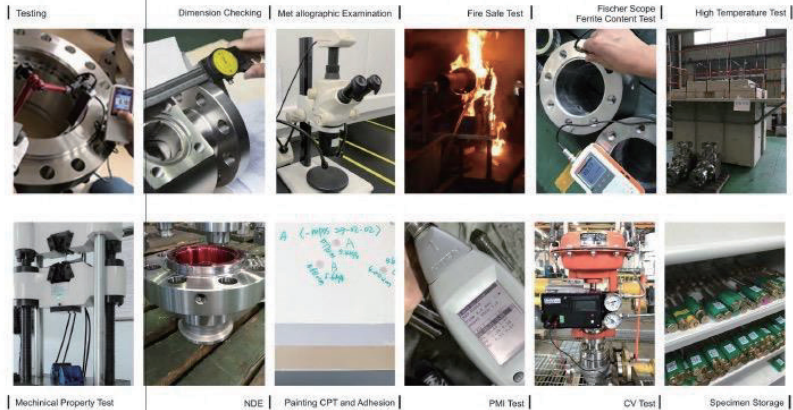


PRODUCTION PROCESS



INSPECT

Inspection is a very important part to control the valve quality. Krank & Luo industries has different kinds of inspection equipment to cover most of special test requirement.





SPECIAL MATERIAL VALVE

We manufacture valve in special materials such as Titanium, Nickel alloys, Hastelloy, Incoloy, Monel, Alloy20, super duplex and other corrosion resistant alloys. Our product type includes Ball, Globe, Gate, Check, DBB, HP Butterfly, etc. We have a variety of forged valve material in stock. Having valve body forgings allows us to provide timely deliveries at short notice of complete valves in a variety of pressure classes and material grades that end users come to rely on in most instances, for these urgent valves, please feel free to contact us.



Material Name	Material Grade	
Titanium Alloy	B381 F2, F3, F5, F7, F12	
Tantalum Alloy	R05200, R05252, R05255, R05240	
Zirconium Alloy	Zirconium 702, 703, 705	
Nickel Alloy	Inconel	Inconel 600, 625, 690, 718, X750
	Hastelloy	Hastelloy B, B2, B3, C, C276, G30
	Incoloy	Incoloy 800, 800H, 800HT, 825
	Monel	Monel 400, K500
	Alloy20	CN7M/N08020
Nickel	Nickel 200, 201	
Bronze	C95800, C93800, C93200, C91900	
Duplex Stainless Steel	A182 F51, F53, F55, A890(A905) 2A, 3A, 4A, 5A, 6A	
Super Austenitic Stainless Steel	N08904(904L)/N08926(MOLY)F44	
Austenitic Stainless Steel	CF3, CF8, CF3M, CF8M, CG9M, CF8C, 304L, 304, 316L, 316, 316Ti, 317L, 321(H), 347(H)	
Martensitic Stainless Steel	13CR	
Precipitation-Hardening Stainless Steel	17-4PH	
Alloy Steel	WC6, WC9, A217 G3, C12A, F11, F22, F91	
Carbon Steel	WC6, WCC, LCB, LDC, A166H, LF2	



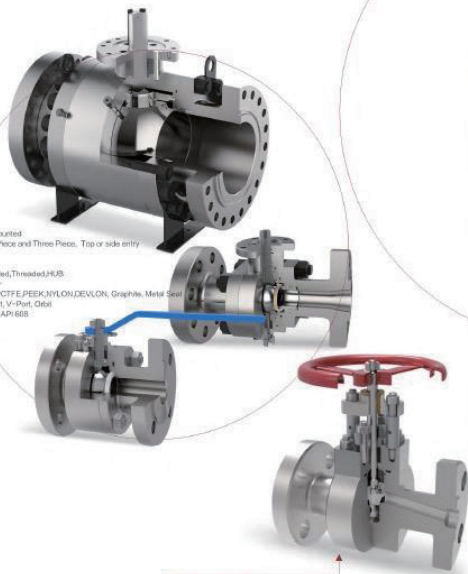
Valve Material List

Material Name	Material Grade	
Titanium Alloy	B381 F2, F3, F5, F7, F12	
Tantalum Alloy	R05200,R05252,R05255,R05240	
Zirconium Alloy	Zirconium 702, 703, 705	
Nickel Alloy	Inconel	Inconel 600, 625,690, 718, X750
	Hastelloy	Hastelloy B, B2, B3, C, C276, G30
	Incoloy	Incoloy800,800H, 800HT, 825
	Monel	Monel 400, K500
	Alloy20	CN7M(N08020)
	Nickel	Nickel 200, 201
Bronze	C95800, C83600, C63200,C61900	
Duplex Stainless Steel	A182 F51, F53, F55 A890(A995) 2A, 3A, 4A, 5A, 6A	
Super Austentic Stainless Steel	N08904(904L),N08926(6MOLY),F44	
Austentic Stainless Steel	CF3,CF8, CF3M,CF8M,CG8M,CF8C, 304L,304,316L,316,316Ti,317L,321(H),347(H)	
Martensitic Stainless Steel	13CR	
Precipitation-Hardening Stainless Steel	17-4PH	
Alloy Steel	WC6, WC9, A217 C5, C12A, F11, F22, F91	
Carbon Steel	WCB,WCC, LCB,LCC A105N,LF2	



Ball Valve Feature

Design: Floating or Trunion Mounted
Construction: One Piece, Two Piece and Three Piece, Top or side entry
Size: 1/4" - 24"
Pressure: 150LB - 2500LB
End Connection: Flanged, Welded, Threaded, HUB
Operated: Lever, Gear, Actuator
Seat Material: PTFE, RP-PTFE, PCTFE, PEEK, NYLON, DEVCON, Graphite, Metal Seal
Options: Extended Stem/Bonnet, V-Port, Oxyd
Design Code: API 6D, BS5351, API 608



Globe Valve Feature

Pattern: Straight, Angle, Y-type
Construction: Bolted, Webbed, Pressure Seal bonnet
Size: 1/2" - 16"
Pressure: 150LB - 2500LB
End Connection: Flanged, Welded, Threaded, HUB
Operated: Handwheel, Gear, Actuator
Disc Type: Plug, Needle, Solenoid, Paraboloid
Seat Type: Soft Seal, Metal Seal
Options: Bellows, Extended Stem/Bonnet
Design Code: BS1873, API 602

Gate Valve Feature

Design: Rising or Non-Rising Stem
Construction: Bolted, Webbed, Pressure Seal bonnet
Size: 1/4" - 24"
Pressure: 150LB - 2500LB
End Connection: Flanged, Welded, Threaded, HUB
Operated: Handwheel, Gear, Actuator
Gate Type: Solid Gate, Flexible Wedge, Slab Gate, Expanding Gate
Seat Type: Soft Seal, Metal Seal
Options: Bellows, Extended Stem/Bonnet
Design Code: API 6D, API 603, API 602

Check Valve Feature

Design: Swing, Poken, Dual Plate, Ball
Construction: Bolted, Welded, Pressure Seal bonnet
Size: 1/4" - 16"
Pressure: 150LB - 2500LB
End Connection: Flanged, Welded, Threaded, HUB, Wafer
Seat Type: Soft Seal, Metal Seal
Options: Damper, Ballless/Jless
Design Code: BS1868, API 6D, API 594



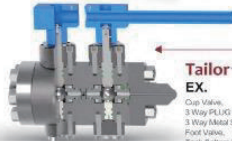
Butterfly Valve Feature

Design: Rubber Lined Butterfly, High performance Butterfly Valve
(Double or Triple Off-set)
Size: 2" - 24"
Pressure: 150LB - 600LB
End Connection: Flanged, Welded, LUG, Wafer
Operated: Lever, Gear, Actuator
Seat Material: EPDM, NBR, PTFE, Metal Seal
Design Code: API 609



Tailor-made Valve EX.

Crab Valve,
3 Way PLUG Valve,
3 Way Motor Seat Ball Valve,
Foot Valve,
Tank Bottom Valve,
Slurry Valve for Abrasive





PRODUCT VIEW

WE ARE GLAD TO
 SHOW YOU OUR
 PRODUCT



DOUBLE BLOCK AND BLEED VALVE
 (SUPER DUPLEX)



1/2" BALL VALVE (HASTELLOY)



GATE VALVE (TITANIUM)

GATE VALVE (TITANIUM)



DOUBLE BLOCK AND BLEED
 VALVE (INCOLOY)



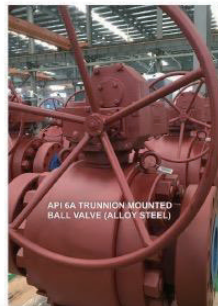
AI-BRONZE SWAY BALL VALVE



DUAL PLATE CHECK VALVE (AI-BRONZE)



STRAINER (TITANIUM)



API 6A TRUNNION MOUNTED
 BALL VALVE (ALLOY STEEL)



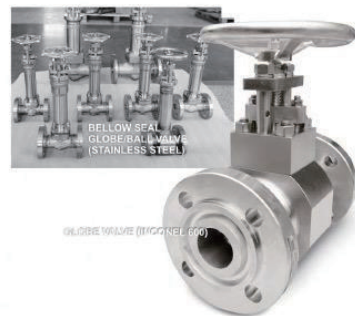
BALL VALVE WITH OFF-SHORE
 PAINTING (316 L STAINLESS STEEL)



ANGLE GLOBE VALVE
 (HASTELLOY)



WE ARE GLAD TO SHOW
YOU OUR PRODUCT
PRODUCT VIEW



EuroValve

中线蝶阀

设计标准 EN593 & API609

硫化橡胶阀座

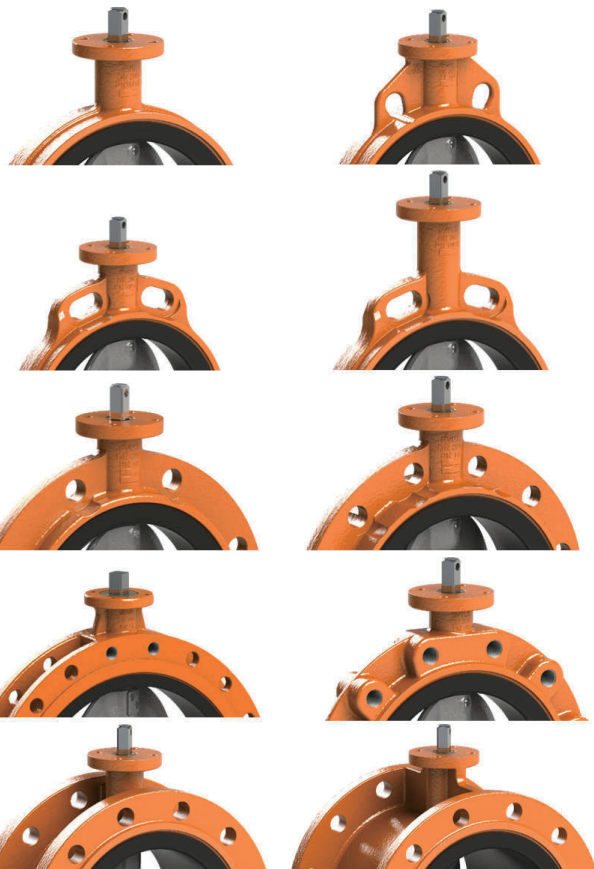
尺寸范围: 最大到 DN2200 (88")

压力等级: 1, 2.5, 6, 10, 16, 20, 25bar (360psi)

材料: CI, DI, CS, (Ni)AluBr, SS, (S)DX, Ti

内衬橡胶: NBR, EPDM, FPM, Silicon (硫化工艺)

执行器: 手动或其他执行器



Econaxe & Dynaxe

高性能双偏心蝶阀

设计标准 EN593 & API609

阀座位于阀体上 (Econaxe)

阀座位于蝶板上 (Dynaxe)

尺寸范围: 最大到 DN600 (24") / DN900 (36")

压力等级: Cl.150 (20bar), Cl.300 (50bar)

材料: CS, SS, (S)DX, (Ni)AluBr, 6Mo, Ti, etc.

阀座: 弹性阀座、软密封、防火配置、金属密封

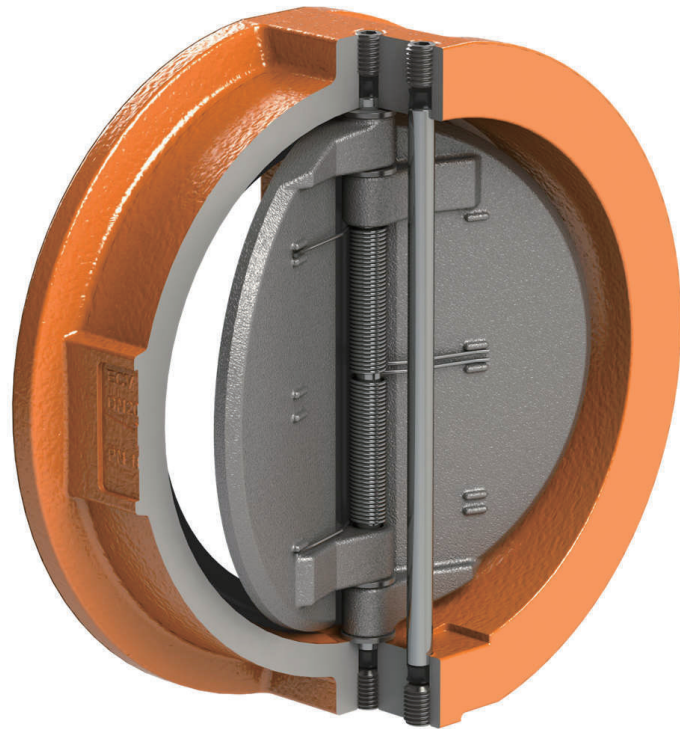
执行器: 手动或其他



ECV

双瓣式止回阀
硫化橡胶阀座设计

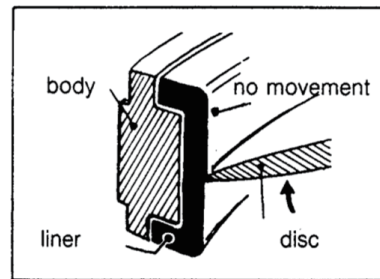
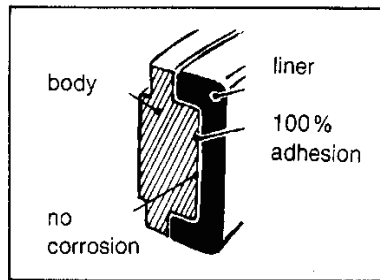
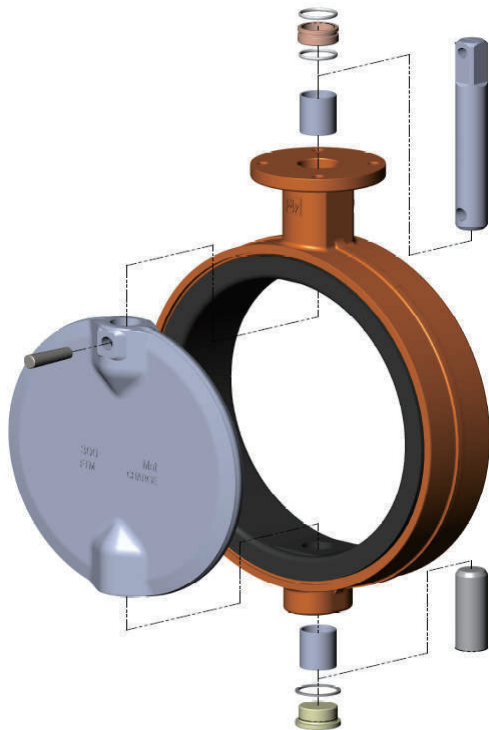
尺寸范围: up to DN600 (24")
压力等级: 16bar (232psi)
材料: DI, (Ni)AluBr, SS
阀座: NBR, EPDM, FPM (vulcanized)



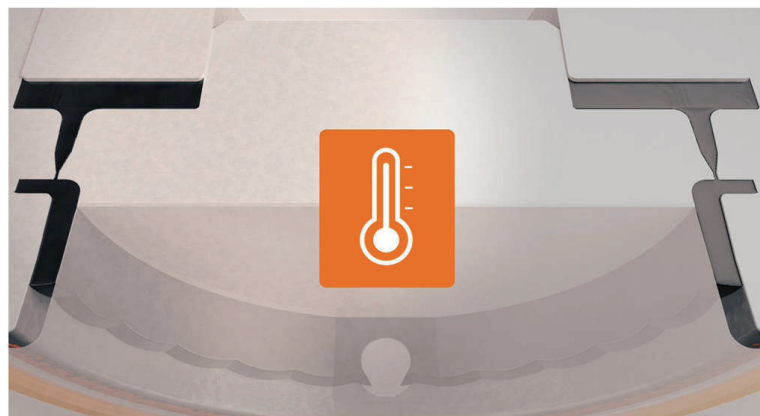
EV系列硫化橡胶中线蝶阀

优势:

- 不会产生阀体内部的腐蚀
- 零泄漏，可使用于高真空的工况
- 密封橡胶没有磨损；可使用于高频或者其他苛刻工况
- 长期使用扭矩稳定，不会增大
- 极低的故障率（SIL3）
- 不需要易损件，免维护，没有维护费用
- 整个阀门使用生命周期的费用很低



WWE EV系列阀门硫化工艺过程

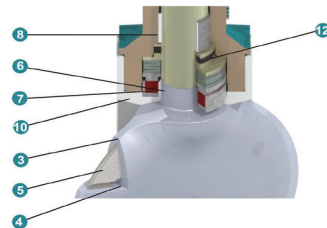
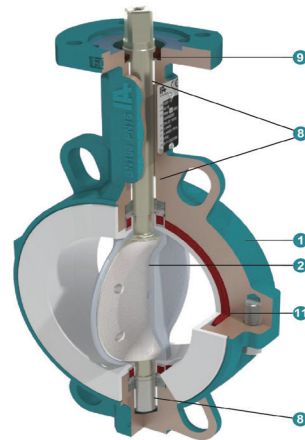
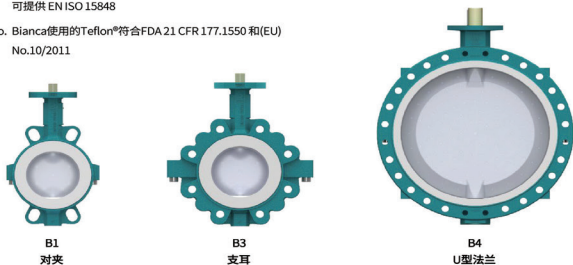
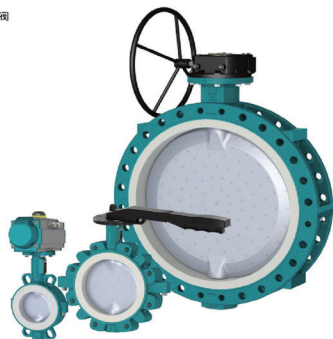


描述

适用于腐蚀性、腐蚀性和高纯工况，提供开关或调节功能的PTFE内衬中线蝶阀

产品特点

- 阀体结构
 - B1 对夹 DN 32-600
 - B3 支耳 DN 32-400
 - B4 U型法兰 DN 400-900
 - 面对面尺寸
 - 依据 ISO 5752/20, EN 558-1/20
 - 顶法兰
 - 依据 EN ISO 5211
 - 16 bar (DN 32-300)
 - 10 bar (DN 350-600)
 - 6 bar (DN 700-900)
 - 最高工作压力
 - 连接标准
 - PN10, PN16, ANSI cl. 150
 - 以及2129 table D + E和JIS 10K等
 - 温度范围
 - 20°C ~ 200°C 依据工况，其他温度请联系工厂，具有相应的冲击试验证书。
 - 内衬和包裹螺板的孔隙率检测依据DIN EN 60243-1。请联系工厂，查看测试证书。
 - 阀门测试
 - 密封性测试依据 EN 12266-1 leakage rate A。
 - 每个阀门的扭矩值均已记录。
- CE TÜV
- BIANCA蝶阀满足欧盟压力设备指令的安全要求2014/68/EU (PED) 附录 1，流体组别1和组别2。
- SIL BIANCA蝶阀满足IEC 61508 / 61511，适用于在安全性相关的系统中进行操作，安全完整性等级为SIL 3。
- EX BIANCA蝶阀的特殊版本可用于潜在爆炸性环境中。
- TA-Luft 可提供 EN ISO 15848
- FDA 和 (EU) No. 10/2011 BIANCA使用的Teflon®符合FDA 21 CFR 177.1550 和 (EU) No.10/2011



- 1 分体式阀体，材质为球铁EN-JS 1025
- 2 一体式、防挤出螺板/轴
- 3 最小厚度3 mm的PFA包裹
- 4 PFA包裹通过物理方式和螺板锁定
- 5 流线型薄的螺板，允许高kV值
- 6 轴部PFA包裹
- 7 预应力弹性轴封
- 8 自润滑轴承
- 9 外部轴密封
- 10 腔室内衬，防止径向“冷流”
- 11 嵌入阀体的弹性背衬
- 12 可选TA-Luft VDI 2440 / EN ISO 15848

BIANCA HP 无尘室生产



用超纯水清洗零部件

阀门在10000级/ISO 7级洁净室中，进行组装、测试和包装

超纯空气中的气密性测试

扭矩值 (PTFE内衬, 含安全系数)

DN	32/40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	750	800	900		
2.5 bar																		2500			
6 bar												675	900	1100	1300	1750	2100	2800	3100	4000	
10 bar									189	330	476	810	1080	1320	1560	2100					
16 bar	21	25	39	43	73	87	146	227	396	571											

B1 0100 . 3 3 . 2BE . 4GT . T* E - xx			
		①	②
1 阀体结构	B1	对夹	DN 32-600
	B3	支耳	DN 32-400
	B4	U型法兰	DN 400-900
2 公称直径	0032-0900	mm	
	0	2.5 bar	DN 750, 6 bar 带4LT螺栓
	1	6 bar	DN 350-700, DN 800-900
3 工作压力	2	10 bar	DN 200-300 所有材料规格均可实现
	3	16 bar	DN 350-600 带3LT/4LT/4T螺栓
	3	16 bar	DN 32-150, DN 200-300 带4W0/4WT螺栓
4 连接标准	**	PN10/16(ANSI B16.5 cl150 见下表; 其他要求, 请联系工厂)	
	2BE	球铁EN-JS 1025 / EN-GJS-400-1BLT / ≡ ASTM A395 60-40-18, 环氧漆涂层厚度80 μm	
5 阀体	4B0	不锈钢1.4409 / ≡ ASTM CF3M	DN 32-400
	4G0	不锈钢1.4408 / ≡ ASTM CF8M	DN 32-300
		不锈钢1.4404 / ≡ AISI 316L	DN 350-900
	4GP	不锈钢1.4408 / ≡ ASTM CF8M 抛光 Ra < 0.8	DN 32-300
		不锈钢1.4404 / ≡ AISI 316L 抛光 Ra < 0.8	DN 350-600
	4GJ	不锈钢1.4435 / ≡ AISI 316L, 铁素体 < 0.1%, 电抛光 Ra < 0.4	DN 32-300
		不锈钢1.4408 PFA 包裹	DN 32-300
	4GT	碳钢螺栓1.4301 PFA 包裹, 阀轴不锈钢1.4404	DN 350-900, 请联系工厂
	4W0	双相钢 1.4469 / ≡ ASTM A890 grade 5A	DN 32-300, 16 bar
	4WT	双相钢 1.4469 / ≡ ASTM A890 grade 5A PFA 包裹	DN 32-300, 16 bar, DN 350, 10 bar
6 一体式螺栓/轴	4T0	双相钢 1.4462	DN 350-600, 10 bar
	4LT	不锈钢1.4542 PFA 包裹	DN 750, 6 bar, DN 350-600, 10 bar
	3BT	碳钢螺栓1.0577 PFA 包裹, 阀轴不锈钢1.4404	DN 350-900
	3LT	碳钢螺栓1.0577 PFA 包裹, 阀轴不锈钢1.4542	DN 750, 6 bar, DN 350-600, 10 bar
	3TT	碳钢螺栓PFA 包裹, 阀轴不锈钢1.4462	DN 350-600, 10 bar
	**A	PFA防静电 (黑色, 无FDA, 符合 (EU) No. 10/2011)	
	7H0	哈氏合金 2.4819 ≡ 哈氏合金 C276	DN 50-300 (其他请联系工厂)
	7T0	钛3.7035, Grade 2	(请联系工厂)
	T*	PTFE (用于橡胶密封)	
	T*V	ULTRAFILON® (UF) 用于真空、氟气或高温应用	
7 内衬	T*A	PTFE 防静电 (黑色, 带FDA, 符合 (EU) No. 10/2011)	
	T*VA	ULTRAFILON® 防静电 (黑色, 带FDA, 符合No. 10/2011)	
	U*	Ultraflon® (UHMWPE) 用于磨损程度高的应用, 最高温度80 °C (密封性测试依据EN 12256-1 leakage rate B)	DN 80, 100, 150, 200
	S	MVQ, 最高温度200 °C	
8 * 橡胶衬里	E	EPDM, 最高温度130 °C	
	V	PPM, 最高温度160 °C	DN 200-300 最高工作压力10 bar DN 350-900 最高工作压力16 bar
	LF	无油涂层用于干物质和任何油类的特殊版本	
9 特殊版本	HP	高强度: 阀门在无尘室中, 进行清洗、组装、测试和包装。 (依据标准EN 2096, 级别10000, ISO Class 7 (ISO 14644-1))	
	112/246	ATEX / IECEx: 详见手册《InterApp应用在爆炸性环境的阀门》	
	180	TA.LuR VDI 2440 / EN ISO 15848	

****连接标准(编码)**

BIANCA	DN →	25	40	50	65	80	100	125	150	200	250	300	350	400	450	600	800	1000
B1	PN10							3	3									
	ANSI cl.150									3								
B3	PN10							3										
	ANSI cl.150									3								
B4	PN10																	
	ANSI cl.150																	

其他需求, 请联系工厂!

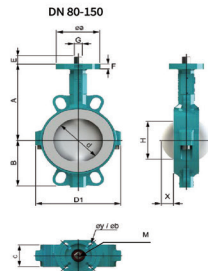
当阀门安装在管线末端时, 请联系技术部门。

BIANCA B1, 对夹

DN 32-65



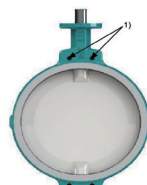
DN 80-150



DN 200-400



DN 450-600

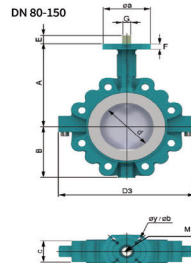


BIANCA B3, 支耳

DN 32-65



DN 80-150



DN 200-400



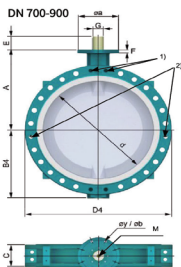
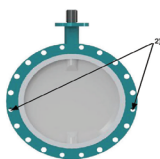
DN	d	A	B	C	H	X	D1	D3	F	ISO	a	y	b	G	E	M	B1[kg]	B3[kg]
32/40	40	125	69	33	23	4	105.8	136	9	F05	65	4x7	50	11	12	M6 x 12	1.7	2.4
50	50	134	68	43	26	9	118.4	162	9	F05	65	4x7	50	11	12	M6 x 12	2.3	3.2
65	65	145	78	46	39	7	132.5	170	9	F05	65	4x7	50	11	12	M6 x 12	2.9	4.1
80	80	160	92	46	66	17	144	216	9	F05	65	4x7	50	11	12	M6 x 12	3.4	6.2
100	100	175	107	52	86	24	173	254	12	F05/07	90	4x7/9	50/70	14	16	M6 x 12	5.1	9.3
125	125	194	120	56	112	35	219	293	12	F05/07	90	4x7/9	50/70	14	16	M6 x 12	6.9	10.7
150	150	210	134	56	140	47	247	315	12	F07	90	4x9	70	17	19	M6 x 12	10	12.9
200	200	239	162	60	191	70	295	389	15	F07/F10	125	4x9/11	70/102	17	19	M6 x 12	14.1	22.3
250	250	275	199	68	241	91	367	483	15	F10	125	4x11	102	22	24	M6 x 12	22.9	32.4
300	300	310	230	78	290	111	419	543	15	F10	125	4x11	102	22	24	M6 x 12	32.9	46.9
350	339	349	257	78	330	131	428	564	16	F12	155	4x 13.5	125	27	40	M10 x 20	50	87
400	400	379	287	102	387	149	473	620	16	F12	155	4x 13.5	125	27	40	M10 x 20	68	98
450	450	426	320	114	436	168	528	-	21	F14	175	4x 18	140	Ø45	65	M12 x 20	100	-
500	500	451	360	127	484	187	588	-	21	F14	175	4x 18	140	Ø45	65	M12 x 20	122	-
600	600	555	415	154	580	223	686	-	26	F16	210	4x 22	165	Ø60	90	M12 x 20	180	-

尺寸 X 和 H 为非精确的尺寸值!

客户须在保证阀门正确安装的前提下, 确定安全尺寸。

BIANCA B4, U型法兰

DN 400-600

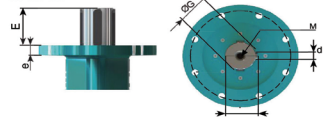


- 1) DN 450 - 900, 阀门颈部和底部各有两个螺纹孔
- 2) DN 600 - 900, 两侧各有两个螺纹孔

DN	d	A	B4	C	H	X	D4	F	ISO	a	y	b	G	E	M	B4[kg]
400	400	379	290	102	387	149	616	16	F12	155	4x 13.5	125	27	40	M10 x 20	95
450	450	426	320	114	436	168	630	21	F14	175	4x 18	140	Ø45	65	M12 x 30	140
500	500	451	360	127	484	187	700	21	F14	175	4x 18	140	Ø45	65	M12 x 30	175
600	600	555	415	154	580	223	820	26	F16	210	4x 22	165	Ø60	90	M12 x 30	275
700	703	605	482	165	684	269	930	26	F16	210	4x 22	165	Ø72	80	M20 x 40	367
750	750	629	489	190	726	280	970	26	F16	210	4x 22	165	Ø60	90	M12 x 30	383
800	803	658	550	190	781	307	1060	29	F25	300	8x 18	254	Ø80	108	M20 x 40	670
900	900	710	602	203	877	349	1160	36	F30	350	8x 22	298	Ø98	128	M24 x 48	880

顶法兰依据 ISO 5211

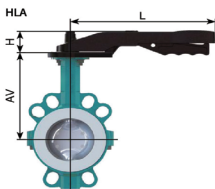
DN 450-900



对夹, 支耳和U型法兰

DN	E	ØG	d	e	F	M
450	65	45	14	21	48.8	M12 x 20
500	65	45	14	21	48.8	M12 x 20
600	90	60	18	26	64.4	M12 x 20
700	80	72	20	26	76.9	M20 x 40
750	91	60	18	26	64.4	M12 x 20
800	108	80	22	29	85.4	M20 x 40
900	128	98	28	36	104.4	M24 x 48

手柄



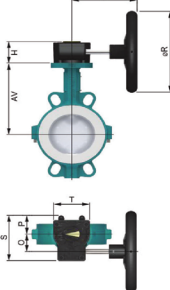
HLA: 铝, 环氧涂层

DN	手柄型号	AV	H	L	[kg]*
32/40	HLA.F0511.180-V2	125	41	180	0.4
50	HLA.F0511.240-V2	134	43	240	0.5
65	HLA.F0511.240-V2	145	43	240	0.5
80	HLA.F0511.240-V2	160	43	240	0.5
100	HLA.F0714.340-V2	175	51	340	0.6
125	HLA.F0714.340-V2	194	51	340	0.6
150	HLA.F0717.340-V2	210	51	340	0.6

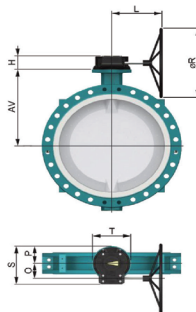
* [kg] 不含蝶阀的重量

齿轮箱

GB 232



GB 880-6800



DN	齿轮箱型号	AV	H	L	O	P	R	S	T	n**	[kg]*
32/40	GB232-05.F05-F0711.100	125	53	126	42.5	48	100	114	80	10	0.8
50	GB232-05.F05-F0711.100	134	53	126	42.5	48	100	114	80	10	0.8
65	GB232-05.F05-F0711.100	145	53	126	42.5	48	100	114	80	10	0.8
80	GB232-05.F05-F0711.100	160	53	126	42.5	48	100	114	80	10	0.8
100	GB232-05.F05-F0714.100	175	53	126	42.5	48	100	114	80	10	0.8
125	GB232-05.F05-F0714.100	194	53	126	42.5	48	100	114	80	10	0.8
150	GB232-06.F05-F0717.160	210	59	189	42.5	48	160	114	80	10	0.9
200	GB232-06.F05-F0717.160	239	59	189	42.5	48	160	114	80	10	0.9
250	GB232-08.F07-F1022.250	275	67	219	50	56	250	131	100	9.25	1.55
300	GB232-08.F07-F1022.250	310	67	219	50	56	250	131	100	9.25	1.55
350	GB232-13.F10-F1227.300	349	85	371	80	83	300	209	175	10	5.4
400	GB232-13.F10-F1227.400	379	85	371	80	83	300	209	175	10	5.4
450	GB880N.F1445.500	426	92	305	86	101	500	227	200	9.5	14
500	GB880N.F1445.500	451	92	305	86	101	500	227	200	9.5	14
600	GB1250N.F1660.500	555	102	346	104.5	110	500	258	220	13.75	22
700	GB1950N.F1672.600	605	126	387	130	142.5	600	322.5	285	13	32
750	GB1950N.F1660.700	629	126	387	130	142.5	700	322.5	285	13	32
800	GB2000N.LB.F2580.500	658	120	348	53	142	500	300	285	27	27
900	GB6800N/PR4.F3098.400	710	159	470	182	170	400	407.5	370	81.5	63

材质: GB 232 铝, 聚氨酯涂层

GB1250-GB6800 GG 25 聚氨酯涂层

* [kg] 不含蝶阀和手柄的重量

** n = 手柄开/关圈数

更多信息

关于气动执行器、电动执行器及配件: 请参阅相应的产品数据表

关于安装、维修及法兰: 请参阅我可蝶阀安装与维修手册

本技术数据不承担任何义务, 请参阅我们的一般销售条件, 请恕恕不另行通知。
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描述

橡胶内衬中线型蝶阀，应用于工业领域、通用服务和水处理等液体和气体介质

产品特征

- 阀体结构
 - D1 对夹 DN 25-1000
 - D3 支耳 DN 25-600
 - D4 U型法兰 DN 150-1600
- 面对面尺寸
 - 依据 ISO 5752/20, EN 558-1/20
- 设计标准
 - 依据 EN 593 / API 609 category A (按客户要求)
- 顶法兰
 - 依据 EN ISO 5211
- 最高工作压力
 - 16 bar (20 bar 按客户要求)
- 连接标准
 - PN6, PN10, PN16, ANSI cl. 150
- 温度范围
 - 20°C ~ 140°C 依据不同的材质
 - (200°C 按客户要求)
- 密封测试
 - 依据 EN 12266-1/P12
 - 泄漏等级 A, 测试介质: 水
 - 依据 API 589 (按客户要求)

CE

SIL



FDA & EC 1935/2004

TA-Luft

无硅与禁油

特殊版本的蝶阀 DESPONIA® 可以用于潜在爆炸性环境

不同的内衬与蝶板符合 FDA 和 EC 1935/2004 标准

符合 TA Luft EN ISO 15848 标准的选定材料

无油漆附着干扰物质和任何油脂的特殊版本



D1
对夹



D3
支耳

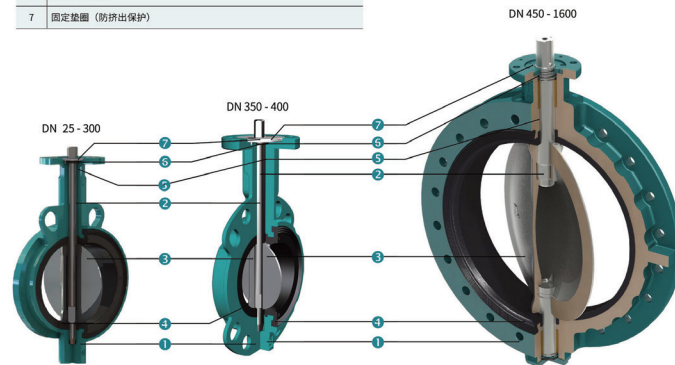


D4
U型法兰

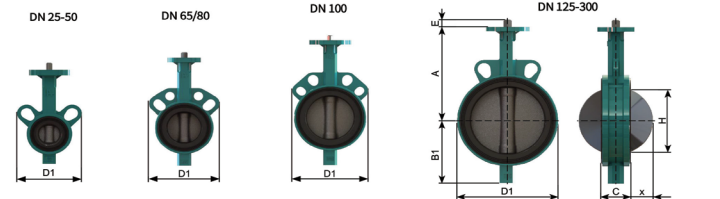


Desponia 蝶阀
顶级设计，优秀的性能

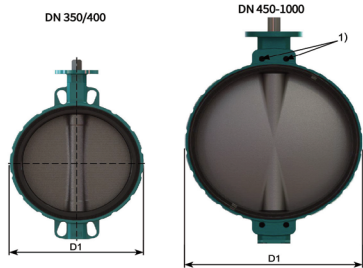
1	阀体 (延长阀颈设计便于隔热, 防结露)
2	带位置指示的防挤出阀杆
3	蝶板
4	在密封面带密封槽的可替换内衬
5	轴承 (DN25-400 Resicoat®, DN450-1600 青铜)
6	外部阀杆密封
7	固定垫圈 (防挤出保护)



D1 对夹, DN25-1000



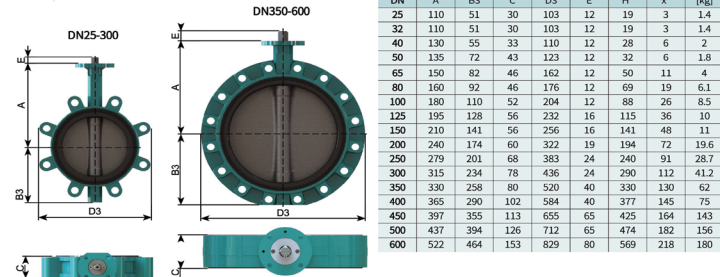
DN	A	B1	C	D1	E	H*	x*	[kg]
(25)32	110	51	30	101	12	19	3	1.0
40	130	55	33	108	12	28	6	1.3
50	135	72	43	123	12	32	6	1.8
65	150	82	46	138	12	50	11	2.3
80	160	92	46	143	12	69	19	2.3
100	180	110	52	161	12	88	26	3.9
125	195	128	56	181	16	115	36	5.0
150	210	141	56	205	16	141	48	5.9
200	240	174	60	260	19	194	72	9.3
250	279	201	68	310	24	240	91	17.0
300	315	234	78	362	24	290	112	23.7
350	330	268	80	425	40	330	130	41.5
400	365	299	102	475	40	377	145	57.2
450	397	355	113	538	65	425	164	95
500	437	393	126	595	65	474	182	120
600	522	464	153	695	80	569	218	180
700	565	501	168	800	80	660	257	265
800	627	577	190	919	80	774	304	343
900	696	643	204	1015	100	855	337	493
1000	745	693	218	1133	100	960	383	648



1) DN 450 - 1600口径, 上下各有两个螺栓孔

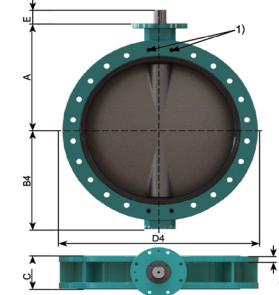
*为避免损坏碟板, 在使用塑料管件时, 请查看尺寸H/x

D3 支耳, DN 25-600



DN	A	B3	C	D3	E	H*	x*	[kg]
25	110	51	30	103	12	19	3	1.4
32	110	51	30	103	12	19	3	1.4
40	130	55	33	110	12	28	6	2
50	135	72	43	123	12	32	6	1.8
65	150	82	46	162	12	50	11	4
80	160	92	46	176	12	69	19	6.1
100	180	110	52	204	12	88	26	8.5
125	195	128	56	232	16	115	36	10
150	210	141	56	256	16	141	48	11
200	240	174	60	322	19	194	72	19.6
250	279	201	68	383	24	240	91	28.7
300	315	234	78	436	24	290	112	41.2
350	330	258	80	520	40	330	130	62
400	365	290	102	584	40	377	145	75
450	397	355	113	655	65	425	164	143
500	437	394	126	712	65	474	182	156
600	522	464	153	829	80	569	218	180

D4 U型法兰, DN 150-1600



DN	A	B4	C	D4	H*	x*	J	E	[kg]
150	210	143	56	285	141	48	10	16	15
200	240	170	60	340	194	72	12.5	19	19.5
250	279	200	68	406	240	91	15	24	30.5
300	315	239	78	482	290	112	15	24	44
350	330	265	80	533	330	130	18	40	59
400	365	296	102	597	377	145	20	40	82
450	397	355	113	640	425	164	24	65	118
500	437	394	126	715	474	182	26	65	175
600	522	464	153	840	569	218	28.5	80	260
700	565	503	168	927	660	257	31.5	80	345
750	590	541	170	985	709	272	34	80	435
800	627	577	190	1060	774	304	36.5	80	510
900	696	643	204	1170	855	337	38	100	660
1000	745	693	218	1333	100	383	44	100	790
1100	820	738	218	1395	1054	429	44	100	850
1200	881	806	254	1512	1149	462	47	120	1180
1300	996	939	280	1654	1252	498	48	120	1530
1400	990	929	280	1742	1336	543	40	120	1700
1500*	1096	1039	288	1854	1450	593	48	120	1850
1600	1117	1048	318	1924	1553	634	50	155	2600

1) DN 450 - 1600口径, 上下各有两个螺栓孔
2) 尺寸和重量可能会有所不同, 将与订单确认

顶法兰依据 ISO 5211

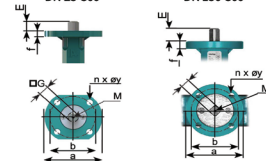
对夹与支耳

对夹与支耳

U型法兰

DN 25-300

DN 150-300



DN	E	G	M	f	ISO	a	b	n x øy
25-40	12	□ 8	M4	10	F05*	65	50	4 x 7
50-80	12	□ 11	M6	10	F05	65	50	4 x 7
100	12	□ 11	M6	10	F05 / F07	89	50 / 70	4 x 7 / 4 x 9.5
125	16	□ 14	M6	10	F05 / F07	89	50 / 70	4 x 7 / 4 x 9.5
150	16	□ 14	M6	10	F07	89	70	4 x 9.5
200	19	□ 17	M6	10	F07	89	70	4 x 9.5
250-300	24	□ 22	**	18	F10/F12	150	102/125	4 x 11 / 4 x 13

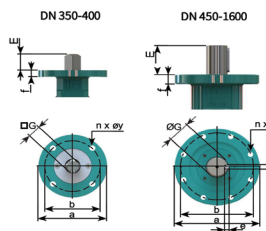
U型法兰

DN	E	G	M	f	ISO	a	b	n x øy
150	16	□ 14	M6	12	F07	90	70	4 x 9
200	19	□ 17	M6	12	F07	90	70	4 x 9
250-300	24	□ 22	**	18	F10/F12	150	102/125	4 x 11 / 4 x 13

对夹、支耳与U型法兰

** 阀轴末端没有螺栓

对夹、支耳与U型法兰

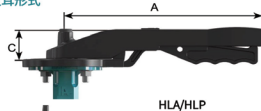


DN	E	G	d	e	f	ISO	a	b	n x øy
350	40	□ 22	-	-	18	F12	155	125	4 x 13
400	40	□ 27	-	-	18	F12	155	125	4 x 13
450-500	65	□ 45	14	9	25	F14	175	140	4 x 18
600	80	Ø 70	20	12	25	F16	220	165	4 x 22
700	80	Ø 70	20	12	25	F25	300	254	8 x 18
(750)	80	Ø 70	20	12	30	F25	300	254	8 x 18
800	80	Ø 70	20	12	30	F25	300	254	8 x 18
900	100	Ø 80	22	14	30	F30	350	298	8 x 22
1000	100	Ø 80	22	14	30	F30	350	298	8 x 22
(1100)	100	Ø 80	22	14	30	F30	350	298	8 x 22
1200	120	Ø 100	28	16	30	F30	350	298	8 x 22
1300	120	Ø 120	32	18	36	F30	350	298	8 x 22
1400	120	Ø 120	32	18	35	F30	350	298	8 x 22
1500*	120	Ø 120	32	18	35	F30	350	298	8 x 22
1600	155	Ø 130	32	18	40	F35	418	356	8 x 33.5

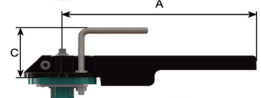
1) 尺寸和重量可能会有所不同, 将与订单确认

手柄

对夹与支耳形式



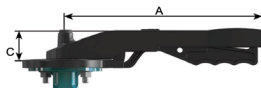
HLA/HLP



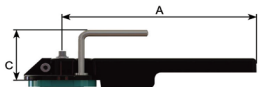
HRA



U型法兰形式



HLA/HLP



HRA



铝, 环氧涂层

DN	手柄型号	A	C	[kg]
25-40	HLA.F0508.180-V2	180	41	0.4
50-65	HLA.F0511.180-V2	180	41	0.4
80	HLA.F0511.240-V2	243	43	0.5
100	HLA.F0711.240-V2	243	43	0.5
125-150	HLA.F0714.340-V2	340	51	0.6
200 ¹⁾	HLA.F0717.340-V2	340	51	0.6

聚酰胺PA 6, 30% 玻璃纤维增强

DN	手柄型号	A	C	[kg]
50-80	HLP.F0511.240K	240	61	0.6
100	HLP.F0711.240K	240	61	0.6
125-150	HLP.F0714.390K	390	66	0.9
200 ¹⁾	HLP.F0717.390K	390	66	0.9

铝, 环氧涂层

DN	手柄型号	A	C	[kg]
25-40	HRA.F0508.180-V2 ²⁾	180	64	0.4
50-65	HRA.F0511.180-V2 ²⁾	180	64	0.4
80	HRA.F0511.250-V2 ²⁾	250	64	0.5
100	HRA.F0711.250-V2	250	38	0.6
125-150	HRA.F0714.340-V2	340	38	0.6
200 ¹⁾	HRA.F0717.340-V2	340	38	0.6

1) 在严苛工况、无硅或禁油版本中, 推荐使用齿轮箱

2) F05 HRA示意图请参阅HRA产品数据表

铝, 环氧涂层

DN	手柄型号	A	C	[kg]
150	HLA.F0714.340-V2	340	51	0.6
200 ¹⁾	HLA.F0717.340-V2	340	51	0.6

聚酰胺PA 6, 30% 玻璃纤维增强

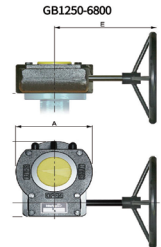
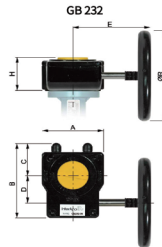
DN	手柄型号	A	C	[kg]
150	HLP.F0717.390K	390	66	0.9
200 ¹⁾	HLP.F0717.390K	390	66	0.9

铝, 环氧涂层

DN	手柄型号	A	C	[kg]
150	HRA.F0714.340-V2	340	38	0.6
200 ¹⁾	HRA.F0717.340-V2	340	38	0.6

1) 在严苛工况、无硅或禁油版本中, 推荐使用齿轮箱

齿轮箱



对于20°C - 80°C的液体, DN25-300的最大工作压力为16 bar, DN350-1600的最大工作压力为10 bar

DN	齿轮箱型号	A	B	C	D	E	H	ØR	n*	[kg]
25-40	GB232-05.F05-F0708.100	80	114	48	42.5	121	53	100	10	0.8
50-100	GB232-05.F05-F0711.100	80	114	48	42.5	121	53	100	10	0.8
125-150	GB232-05.F05-F0714.100	80	114	48	42.5	121	53	100	10	0.8
200	GB232-06.F05-F0717.160	80	114	48	42.5	180	59	160	10	0.9
250-300	GB232-08.F07-F1022.250	100	131	56	50	216	67	250	9.25	1.55
350	GB232-13.F10-F1222.300	175	209	83	80	361	84	300	10	5.4
400	GB232-13.F10-F1227.500	175	209	83	80	396	84	500	10	5.4
450	GB1250N.F1445.400	220	258	110	104.5	326	102	400	13.75	22
500	GB1250N.F1445.400	220	258	110	104.5	326	102	400	13.75	22
600	GB2000N.F1670.500	241	255	106	53	348	121	500	27	24
700	GB2000N.L.F2570.600-SH100	285	293	142	53	348	121	600	27	27
750	GB2000N.L.F2570.700-SH100	285	293	142	53	348	121	700	27	27
800	GB1950N/PRA.F3270.500	285	322.5	142.5	130	417	126	500	54	39
900	GB1950N/PRA.F3080.500-SH100	350	355	175	130	445	129	500	54	52
1000	GB6800N/PRA.F3080.500	370	407	170	182	470	159	500	81	62.5
1100	GB6800N/PRA.F3080.500	370	407	170	182	470	159	500	81	62.5
1200	GB6800N/PRA.F30100.600	370	407	170	182	480	159	600	117	62.5
1300	GBA200N/PR10.F30120.400	440	492	207.5	209	480.5	215	400	182.25	133.4
1400	GBA200N/PR10.F30120.700	440	492	207.5	209	490.5	215	700	182.25	134.4
1500	GBA250N/PR10.F30120.500	510	585	235	256	530	224	500	182.25	222
1600	GBIW82/R720.F35130.800	520	531	260	67	600.5	185	800	130	222

* n = 手轮开/关圈数

材质:

GB232 : 铝, 聚氨酯涂层
GB880-GB6800 : 铸铁, 聚氨酯涂层

管线末端推荐的安装方式



在管线末端安装阀门时, 请参阅DESPONIA®的安装和维护文件。

更多信息

关于气动执行器、电动执行器及配件: 请参阅相应的产品数据表

关于安装、维修及法兰: 请参阅我司蝶阀安装与维修手册



SUPPLY REFERENCE LIST

NO.	YEAR	INDUSTRY	COUNTRY	END USER	PROJECT	ENGINEERING / CONTRACTOR	Product TYPE	SIZE	RATING	MATERIALS
1	2023	FPSO	Singapore	Petrobras	PETROBRAS 82 (P-82) Topside	Seatrium (SG) Pte Ltd	Low pressure Butterfly	3"~48"	150~300#	WCB/LCB/CF8M/A995 4A&6A/ C95800
2	2023	FPSO	Singapore	Petrobras	PETROBRAS 82 (P-82) Topside	Seatrium (SG) Pte Ltd	Low pressure Non Slam Check	3/4"~48"	150~2500#	WCB/LCB/CF8M/A995 4A&6A/ C95800N06625
3	2023	FPSO	Singapore	Petrobras	PETROBRAS 82 (P-82) Topside	Seatrium (SG) Pte Ltd	Low pressure Globe Valves and Screw Down Non Return Valve(Manual Type)	2"~24"	150~2500#	WCB/LCB/CF8M/A995 4A&6A/ C95800N06625
4	2023	FPSO	Singapore	Petrobras	PETROBRAS 82 (P-82) Topside	Seatrium (SG) Pte Ltd	Low pressure Double Valves(Manual Type)	3/4"~16"	150~2500#	A105/LF2/SS316/F51/F55N0 6625
5	2023	FPSO	Singapore	Petrobras	P80 Gas Dehydration and TEG Regeneration Instrument - Shutdown Valve (SDV)/ On & Off Valve (XV)	Yinson Azalea / Kavin Engineering and Services Pvt.Ltd.,	Bettis Pneumatic & control accessories	-	-	-
6	2023	FPSO	Singapore	Petrobras	P83 Gas Dehydration and TEG Regeneration Instrument - Shutdown Valve (SDV)/ On & Off Valve (XV)	Yinson Azalea / Kavin Engineering and Services Pvt.Ltd.,	Bettis Pneumatic & control accessories	-	-	-
7	2023	FPSO	Singapore	Petrobras	P82 FPSO Buzios Field Area Development	Seatrium (SG) Pte Ltd	GLOBE VALVES AND SDNR VALVE	2"~10"	150~300#	WCB, CF8M,C95800
8	2023	FPSO	Singapore	Petrobras	P82 FPSO Buzios Field Area Development	Seatrium (SG) Pte Ltd	Non Slam / Nozzle Check Valve	2"~32"	150~300#	WCB, CF8M,C95800
9	2023	FPSO	Singapore	Yinson Azalea Production Ptd.,Ltd	Agogo Integrated West Hub Development	VME	M28 - Bettis Penumatic Actuator MED Valves	0.5~20"	150~6000Psi	A216 WCB / A351 CF8M / F51 / F53 / B381 F2
10	2023	Vessels	Singapore	UAE Navy / ADSB	Falaj 3-class OPV vessels	ST Engineering	iTork Actuator Butterfly	DN200 & DN450	PN6	A995 5A
11	2023	Melting Plant	Indonesia	Ovivo	Manyar Smelter (MS) Project	PT.Chiyoda International Indonesia	PFA Ball Valve with Pneumatic	0.5~4"	150#	PFA Lined Ductile Iron & SS316
12	2023	Melting Plant	Indonesia	Ovivo	Manyar Smelter (MS) Project	PT.Chiyoda International Indonesia	Actuator Ball Valve	0.5~6"	150#	SS316 Ball Valve with Bettis Actuator
13	2023	LNG Plant	Vietnam	Vopak	MODIFICATION OF TANKS TK10306 & TK10308 FOR STORING FISH FAT	Lam Son E&C	Pig Valve	4" & 6"	150#	A105N / SS316
14	2022	Energy Plant	Vietnam	Thang Long Power	High-Technological Municipal Waste to Energy Plant Project	TTCL Vietnam	Ball, Gate,Globe,Check, Butterfly	DN15~500	150~1500#	A216 WCB / A105 / A351 CF8M / F316 / WC9 / F22
15	2021	Shipbuilding	Singapore	Republic of Singapore Navy (RSN)	BBO668-675 LMV	STEMarine Limited	V-port Balancing Ball valve, 3-way Thermostatic control valve with iTork actuator	0.25~12"	PN10/16	Super Duplex Stainless Steel
16	2020	Compressor Natural Gas(CNG)	Australia	-	Vessel: CNG P&ID: P6370-453-02-A1	-	Control Globe	1"~2"	1500~2500LB	SS304 / SS316
17	2020	Shipbuilding	Singapore	Singapore Police Coast Guard	BBO696~707 PCG 5GPT	STEMarine Limited	Gate, Globe, Check ,Ball and Butterfly, Strainer	0.25~12"	PN10/16	A216 WCB / A105 / A351 CF8M / F316 / C95800 / C83600



SUPPLY REFERENCE LIST

NO.	YEAR	INDUSTRY	COUNTRY	END USER	PROJECT	ENGINEERING / CONTRACTOR	Product TYPE	SIZE	RATING	MATERIALS
18	2020	Plant	Australia	Albemarle Lithium	Albemarle Kemerton	Wood Group	Butterfly, Check, Gate, Globe, V-port Flow Control Ball, Plunger	1/2" - 24"	150#	316SS / WCB
19	2020	Plants	Australia	Enviroacific	Various Defence Fuel Projects	in-house	Trunnion Ball Valve	10" + 16"	150#	316SS
20	2020	Plant	Australia	Rock Oil	RAAF Scherger / HMAS Albertross	in-house	Trunnion Ball Valve	4" + 6"	150#	316SS
21	2020	Plant	Australia	Duratec	RAAF Amberley	in-house	Trunnion Ball Valve	10"	150#	316SS
22	2020	Nickel Mine	Australia	FQM Australia Nickel	Ravensthorpe Nickel	in-house	Globe Valve	2"	800#	A105 CS
23	2019	Uranium Mine	Australia	ERA	Ranger Mine	Hatch Engineering	Globe Control Valve	10"	150#	CF8M
24	2019	Uranium Mine	Australia	ERA	Ranger Mine	Hatch Engineering	Butterfly Valve	4" - 24"	150#	DI
25	2019	Test Plant	Australia	TAE Aerospace	RAAF Amberley	in-house	V-port Flow Control Ball	1/2" - 3"	150#	316SS
26	2019	Test Plant	Australia	TAE Aerospace	RAAF Amberley	in-house	V-port Flow Control Ball	1/4" - 3"	800#	316SS
27	2019	Test Plant	Australia	TAE Aerospace	RAAF Amberley	in-house	Check Valve	1" - 1 1/2"	150#	316SS
28	2019	Test Plant	Australia	TAE Aerospace	RAAF Amberley	in-house	Y Strainer	1" - 3"	150#	316SS
29	2019	Shipbuilding	Singapore	Singapore Police Coast Guard	BBO682-693 PCG 5GPT	STEMarine Limited	Gate, Globe, Check, Ball and Butterfly, Strainer	0.25~12"	PN10/16	A216 WCB / A105 / A351 CF8M / F316 / C95800 / C83600
30	2019	Shipbuilding	Singapore	Heerema	11-1119 Heerema Sleipnir	Jurong Shipyard Pte Ltd	Ball valve	0.25-6"	150-300#	CF8M / F316
31	2019	Shipbuilding	Singapore	Norled	80 DEH Ropax Ferry	Sembcorp Marine Integrated Yard	Gate, Globe, Check, Ball	0.25~12"	150~300#	A216 WCB / A105 / A351 CF8M / F316 / C95800 / C83600
32	2019	Shipbuilding	Singapore	Seaboard (Dominican Republic)	BBO681 Floating power plant	STEMarine Limited	Gate, Globe, Check, Ball and Butterfly	0.25~40"	PN10/16	A216 WCB / A105 / A351 CF8M / F316 / C95800 / C83600
33	2018	Plant	Australia	Goldfields	Guyrere Mine	ACJV - AMEC - Foster Wheeler-Wood Plc	Gate, Globe, Check and ball	0.5~10"	150#	CS,SS316
34	2018	Gas Plant	Australia	Origin Energy	APLNG Upstream Site Maintanece	Origin Energy	Trunnion Ball Valve	2"	900#~1500#	LF2
35	2018	Plant	Australia	(RAAF) Royal Australian Air Force	RAAF Pipeline Maintenance	-	Gate and V-port Flow Control Ball	0.5"~10"	150-300#	CS,SS316



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