

Lined Baiting Valve



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※Product Description

- Lined baiting valve allows efficient discharge of corrosive fluids from liquid tanks. By means of the valve bottom flange connected to the bottom of tanks or other containers, it can discharge residual medium that usually stay at the exit of containers.
It features as self-adjusting, maintenance -free, small liquid resistance, rapid on-off and one-piece ball stem which to avoid the impact for stem from pressure range.
- There are two types of lined baiting valve, one is flat/oblique end baiting ball valve, and the other is lined put/down baiting valve.
- It can sustain any corrosive medium in addition to the "molten alkali metals and fluorine elements". It is ideal products used in chlor-alkali, industrial in organic chemicals, metal and mining, nitrogen and phosphatic fertilizers, petroleum refining, pharmaceutical etc.
- Lining material: PFA, FEP, PO etc.
- Operation methods: manual, worm gear, electric, pneumatic and hydraulic actuator.
- Youfumi lined baiting valves are available as per the needs of applications in additional sizes and other than standard materials.



Plain End Baiting Valve



Oblique End Baiting Valve

A Lined Valve

Lined Baiting Valve



※ Technical Specification

Design & Manufacture Standard		HG/T 3704, GB/T 12237		API 6D
Face-to-face Dimension Standard		HG/T 3704, GB/T 12221		ASME B16.10
Flange Standard		HG/T 20592, GB/T 9119		ASME B16.5, JIS B2220
Inspection & Test Standard		GB/T 13927, JB/T 9092		API 598
Nominal Diameter		DN25~DN200		1"~8"
Nominal Pressure (MPa)		1.0	1.6	150Lb
Pressure Test (MPa)	Shell Test	1.5	1.5	1.5
	High Pressure Sealing	1.1	1.1	1.1
	Low Pressure Sealing	0.6	0.6	0.6
Temperature Range (°C)		PFA: -30~200 FEP: -30~150 PO: -10~80		
Applicable Medium		Strong corrosive medium i.e. hydrochloric acid, Nitric acid, Hydrofluoric acid, Liquid chlorine, Sulfuric Acid and Aqua regia etc.		

Note: Test standard refers general valve standard, high pressure should be customized for processing.

※ Material Specification

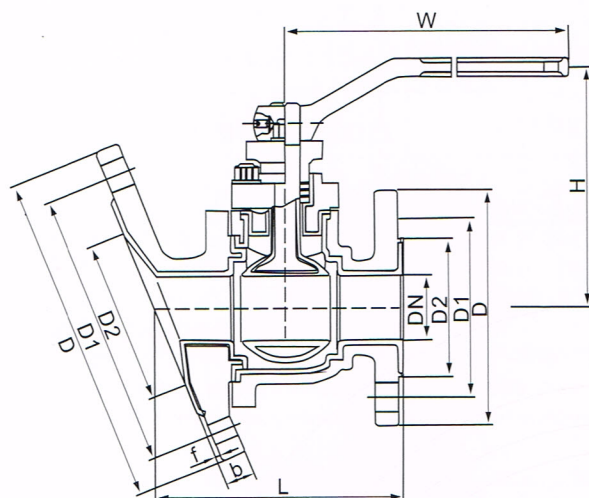
Name	Materials		
Nut	A194 2H	A194 8	A194 8M
Lever	A216 WCB	A351 CF8 A351 CF8M	A351 CF3 A351 CF3M
Locating Plate	1025 SS304		
Gland	A216 WCB	A351 CF8 A351 CF8M	A351 CF3 A351 CF3M
Packing	PTFE		
Stuffing box	A216 WCB+ Lining material	A351 CF8 CF8M +Lining material	A351 CF3 CF3M +Lining material
Body bolt	A193 B7	A320 B8	A193 B8M
Body	A216 WCB+ Lining material	A351 CF8 CF8M +Lining material	A351 CF3 CF3M +Lining material
Seat	PTFE RPTFE PEEK		
Ball/stem	A216 WCB+ Lining material	A351 CF8 CF8M +Lining material	A351 CF3 CF3M +Lining material
Bonnet	A216 WCB+ Lining material	A351 CF8 CF8M +Lining material	A351 CF3 CF3M +Lining material

A Lined Valve

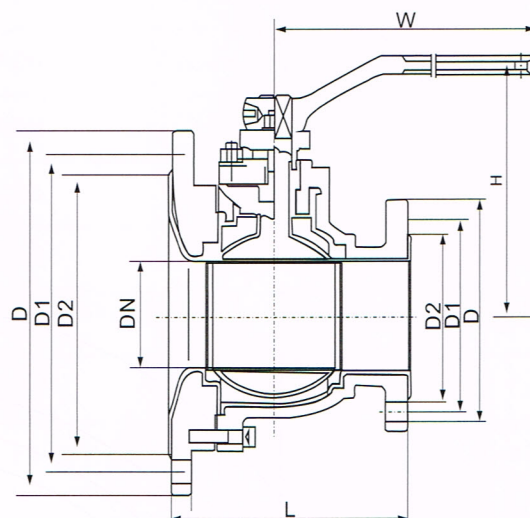
Lined Baiting Valve



Lined Baiting Valve



Lined Oblique End Baiting Valve



Lined Plain End Baiting Valve

HG/T 20592 PN10/PN6

Unit:mm

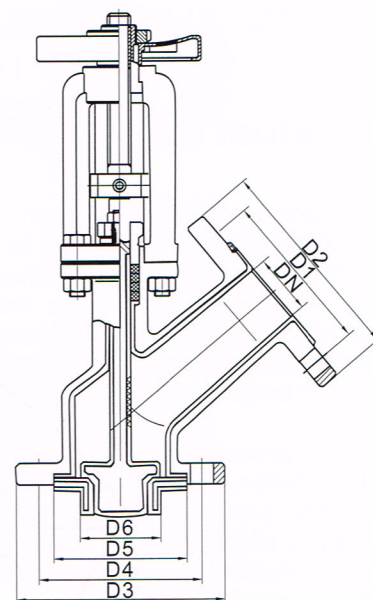
DN	L	D	D1	D2	Z-d	f	b	H	W
25/50	130	115/140	85/110	65/90	4-14/4-14	2/3	14/16	110	140
32/65	140	140/160	100/130	78/110	4-18/4-14	3/3	16/16	130	200
40/65	150	150/160	110/130	85/110	4-18/4-14	3/3	16/16	135	200
40/80	150	150/190	110/150	85/125	4-18/4-18	3/3	16/18	135	200
50/80	165	165/190	125/150	100/125	4-18/4-18	3/3	16/18	145	250
50/100	165	165/210	125/170	100/145	4-18/4-18	3/3	16/18	145	250
65/100	175	185/210	145/170	120/145	4-18/4-18	3/3	18/18	155	250
65/125	175	185/240	145/200	120/175	4-18/8-18	3/3	18/20	155	250
80/125	250	200/240	160/200	135/175	4-18/8-18	3/3	20/20	210	350
80/150	250	200/265	160/225	135/200	4-18/8-18	3/3	20/20	210	350
100/150	280	220/265	180/225	155/200	8-18/8-18	3/3	20/20	235	350
100/200	280	220/320	180/280	155/255	8-18/8-18	3/4	20/22	235	350

Note: For more size please consult factory.

A Lined Valve

Lined Baiting Valve

Lined Put/Down Baiting Valve



HG/T 20592 PN10

Unit:mm

DN	D1	D2	D3	D4	D5	D6
25	115	85	135	100	70	40
32	135	100	145	110	75	55
40	145	110	160	125	100	65
50	160	125	180	145	85	70
65	180	145	195	160	135	90
80	195	160	215	180	155	130
100	215	180	245	210	195	135
125	245	210	280	240	180	145
150	280	240	335	295	210	185
200	335	295	405	355		