

Rubber Lined Butterfly Valve

※Product Description

■ Rubber lined butterfly valve combines the characteristic of concentric and eccentric structure. According to different working condition, the lining material of disc and seat varies. The corrosion resistant material can prolong the lifespan of valve, the sealing parts are replaceable, and the sealing performance can reach to zero leakage, which make it applicable for special working condition.

※Technical Specification

Design and manufacture standard	GB/T 12235
Face-to-face dimension	GB/T 12221
Flange standard	HG/T 20502
Inspection and test standard	GB/T 13927

※Material Specification

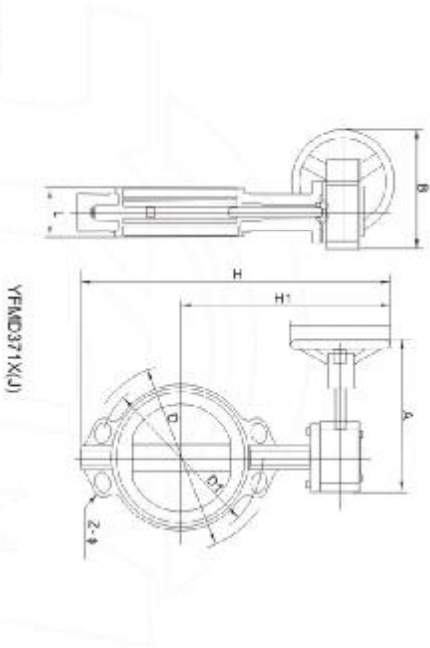
Name	Material
Body	Gray cast iron, ductile iron, carbon steel
Disc	carbon steel with rubber, carbon steel with fluoroplastics, stainless steel, Duplex stainless steel grade 1.4529, C276
Seat	Natural rubber, EPDM, Rubber
Stem	Stainless steel, 20Cr13, 304



■ Rubber Lined Valve Rubber Lined Butterfly Valve



Wafer type rubber lined butterfly valve



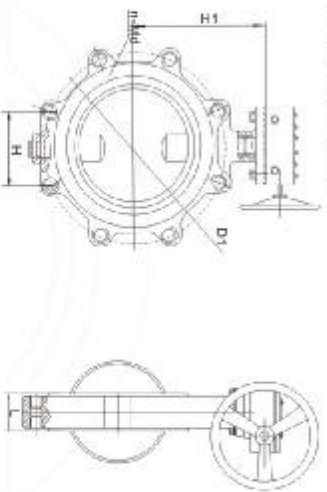
HG/T 20592 PN10

DN	L	D	D1	Z	H	H1	A	B	DO	Wt (kg)
40	33	150	110	4-18	350	270	193	125	150	7
50	43	165	125	4-18	360	280	193	125	160	8
65	46	185	145	4-18	380	295	193	125	160	9
80	46	220	160	8-18	306	300	193	125	160	10
100	52	220	180	8-18	430	315	193	125	160	11
125	56	220	210	8-18	460	305	193	125	160	13
150	56	255	240	8-22	465	345	193	125	160	14
200	60	340	285	8-22	530	455	283	165	220	30
250	66	385	350	12-22	690	461	263	165	220	40
300	76	445	400	12-22	770	550	334	175	260	76
350	78	505	460	16-22	830	560	334	175	280	81
400	102	555	515	16-26	910	565	425	210	320	140
450	114	615	565	20-26	958	618	425	210	320	160
500	127	670	620	20-26	993	660	425	210	320	180
600	154	750	725	20-30	1131	745	425	210	320	215
700	165	825	840	24-30	1476	965	620	320	400	480
800	190	1015	960	24-33	1533	1000	620	320	400	615
900	201	1115	1050	28-33	1655	1070	620	320	400	790
1000	216	1230	1160	28-36	1765	1125	620	400	400	950
1100	230	1340	1270	32-36	1880	1184	620	400	400	1050
1200	254	1456	1380	32-39	1995	1240	620	400	400	1150

F Rubber Lined Valve Rubber Lined Butterfly Valve



Lug type rubber lined butterfly valve



ASME Class150

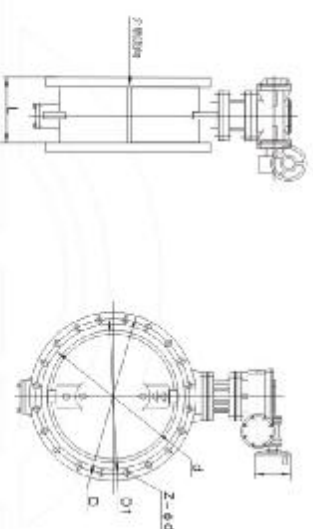
DN	NPS	H1	H2	L	D1	n-Md	K	Wt(Kg)
50	2	161	80	42	120.5	4-M16	77	3.8
65	2.5	175	89	44.7	139.5	4-M16	77	6.2
80	3	181	96	45.9	159.5	4-M16	77	6.7
100	4	200	114	52.1	190.5	8-M16	92	9.0
125	5	213	127	54.4	216	8-M20	92	10.9
150	6	226	138	55.8	241.5	8-M20	92	14.2
200	8	260	175	60.6	299.5	8-M20	115	19.2
250	10	293	203	65.6	352	12-M24	115	25.8
300	12	307	245	76.9	432	12-M24	140	40
350	14	368	267	78.5	476	12-M27	140	55
400	16	400	309	88.5	560	16-M27	197	96
450	18	422	328	105.6	578	16-M30	197	122
500	20	480	361	131.8	635	20-M30	197	202

Unit:mm

F Rubber Lined Valve Rubber Lined Butterfly Valve



Lug type rubber lined butterfly valve



HGT 20052 PN10

DN	L	1.0MPa			1.6MPa			W(Kg)
		D	D1	Z-φd	D	D1	Z-φd	
50	108	165	125	4-18	165	125	4-18	8
65	112	185	145	4-18	185	145	4-18	11.5
80	114	200	160	8-18	200	160	8-18	12.5
100	127	220	180	8-18	220	180	8-18	23
125	140	250	210	8-18	250	210	8-18	41
150	140	285	240	8-22	285	240	8-22	47
200	152	340	285	8-22	340	285	12-22	61
250	165	395	350	12-22	405	355	12-26	74
300	178	465	400	12-22	460	410	12-28	105
350	190	505	460	16-22	505	470	16-26	130
400	216	565	515	16-26	580	525	16-30	217
450	222	615	565	20-26	640	585	20-30	242
500	229	670	620	20-26	710	650	20-30	279
600	267	780	720	20-30	840	770	20-36	385
700	292	885	840	24-30	910	860	24-36	421
800	318	1015	950	24-33	1025	950	24-36	552

Unit:mm

Rubber Lined Diaphragm Valve

※Product Description

Rubber lined diaphragm valve is a kind of special form of cut off valve. The disc adapts EPDM rubber material as diaphragm, to separate the body and driving parts and make the stem and disc above the diaphragm to be avoided from medium corrosion, hence, the packing sealing structure can be omitted without causing medium leakage. The diaphragm is easy to replace. The body is fully rubber lined to avoid the body from corrosion, prolonging the life span.

※Technical Specification

Design and manufacture standard	GB/T 12239, BS5151
Face-to-face dimension	GB/T 12221, BS5196
Flange standard	HG/T 20592, BS4604
Inspection and leak standard	GB/T 13927
Working temperature	≤85℃
Applicable medium	general corrosive medium

※Material Specification

Name	material
Body	Cast iron, stainless steel, ductile iron-rubber
Bonnet	Cast iron
Disc	Cast iron
Frame wheel	Cast iron
Diaphragm	Natural rubber, butyl rubber
Stem	Zn13



YFMG46J through-way type rubber lined diaphragm valve



TFMG41J rubber lined diaphragm valve

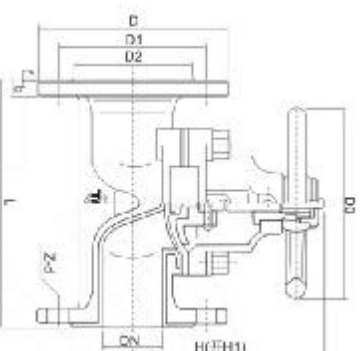


YFMG45J-8 type straight-flow rubber lined diaphragm valve



YFMG41J BS rubber lined diaphragm valve

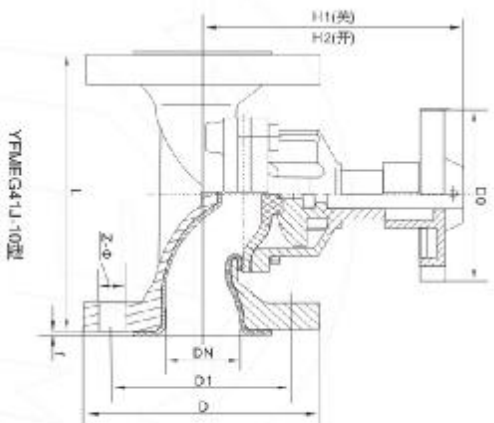
YOUFUMI Rubber Lined Valve Rubber Lined Diaphragm Valve



Rubber Lined Valve Rubber Lined Diaphragm Valve



BS rubber lined diaphragm valve



HG/T 20592 PN10

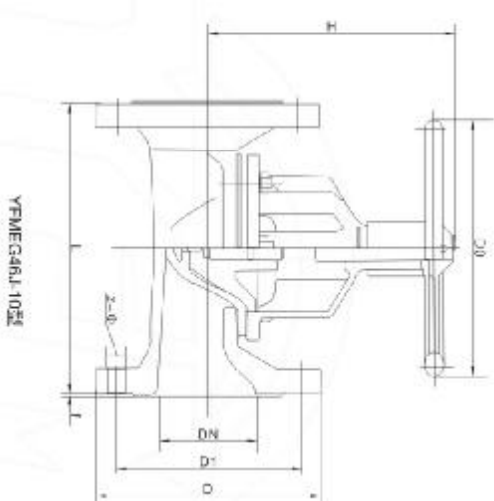
Unit:mm

DN	L	D	D1	Z-φ	t	H1	H2	D0	W(kg)
25	117	105	75	4-14	2	93	103	66	3
25	127	115	85	4-14	2	130	112	66	4
32	148	140	100	4-18	2	127	144	96	6.5
40	159	150	110	4-18	2	136	156	96	7.5
50	190	165	125	4-18	2	151	177	118	10
65	216	185	145	4-18	2	183	213	165	16
80	254	200	160	8-18	2	198	273	250	23.5
100	305	220	180	8-18	2	256	320	260	34
125	356	250	210	8-18	3	319	386	280	44
150	408	285	240	8-22	3	380	453	368	67.5
200	521	340	295	8-22	3	576	626	470	141.5
250	636	395	350	12-22	3	798	754	570	278
300	749	445	400	12-22	3	890	778	580	321
350	748	505	460	16-22	3	729	653	570	380
400	-	565	515	16-26	3	820	1078	640	534

Rubber Lined Valve Rubber Lined Diaphragm Valve



Through-way rubber lined diaphragm valve



HG/T 20592 PN10

Unit:mm

DN	L	D	D1	Z-φ	t	H	D0	W(kg)
20	117	105	75	4-14	2	140	120	3.2
25	127	115	85	4-14	2	146	120	3.5
32	146	140	100	4-18	2	152	120	5
40	159	150	110	4-18	2	152	120	6
50	190	165	125	4-18	2	163	120	8.5
65	216	185	145	4-18	2	205	230	16
80	254	200	160	8-18	2	220	230	22
100	305	220	180	8-18	2	262	280	32
125	356	250	210	8-18	3	290	280	43.5
150	408	285	240	8-22	3	363	368	65
200	521	340	295	8-22	3	410	368	117.5
250	636	395	350	12-22	3	559	483	122.5
300	749	445	400	12-22	3	625	576	295

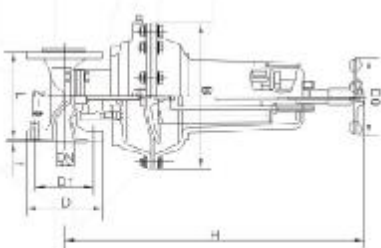
F Rubber Lined Valve Rubber Lined Diaphragm Valve



Pneumatic rubber lined diaphragm valve (Normally closed type)



YFMED3BR41J-10



※ Technical specification for pneumatic actuator

DN (mm)	Actuator model	Air supply pressure (MPa)	气源接口 (TC)	Gas consumption (L/min)
20	ES01	0.26	1/8"	183.57
25	ES01	0.4	1/8"	196.55
32	ES01	0.34	1/8"	229.4
40	ES02	0.3	1/4"	1425.7
50	ES02	0.4	1/4"	1491.2
65	ES02	0.36	1/4"	3046
80	ES02	0.36	1/4"	3244.7
100	ES04	0.4	3/8"	6946.5
125	ES05	0.5	3/8"	7430.7
150	ES05	0.5	3/8"	14912.1
200	ES06	0.58	1/2"	40161

※ Material specification

Name	Material
Body	Grey cast iron and rubber
Bonnet/Diaphragm wheel	Grey cast iron
Diaphragm	Natural rubber
Stem	Carbon steel
Cylinder/cylinder corner	Carbon steel

HG/T 20592 PN10

Unit:mm

DN	Working pressure (MPa)	L	D	D1	Z-Φ	F	H	B	D0	WH(kg)
20	1.6	117	106	73	4-14	2	360	166	120	11
25	1.2	127	115	85	4-14	2	361	166	120	11.4
32	0.75	146	140	100	4-18	2	413	166	120	13.4
40	1.6	159	150	110	4-18	2	478	260	165	28.9
50	1.0	190	165	125	4-18	2	467	260	165	30
65	1.0	216	185	145	4-18	2	635	318	165	45.2
80	0.6	254	200	160	8-18	2	645	318	165	51.7
100	0.8	305	220	180	8-18	2	810	425	260	90
125	0.55	305	250	210	8-18	3	805	425	260	110
150	0.55	409	285	240	8-22	3	998	550	310	210
200	0.4	621	340	295	8-22	3	1234	760	463	407

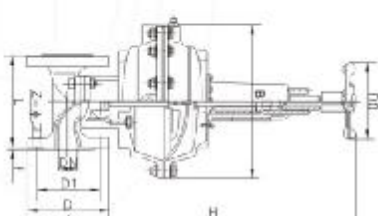
F Rubber Lined Valve Rubber Lined Diaphragm Valve



Pneumatic rubber lined diaphragm valve (Normally open type)



YFMED3BR41J-10



※ Technical specification for pneumatic actuator

DN (mm)	Actuator model	Air supply pressure (MPa)	气源接口 (TC)	Gas consumption (L/min)
20	ES01	0.33	1/8"	153.87
25	ES03	0.42	1/8"	196.55
32	ES03	0.6	1/8"	229.4
40	ES03	0.6	1/8"	1425.7
50	ES09	0.42	1/4"	1491.2
65	ES09	0.52	1/4"	3046
80	ES70	0.46	1/4"	3244.7
100	ES70	0.6	3/8"	6946.5
125	ES71	0.48	3/8"	7430.7
150	ES71	0.6	3/8"	14912.1
200	ES72	0.46	1/2"	40161

※ Material specification

Name	Material
Body	Grey cast iron and rubber
Bonnet/Diaphragm wheel	Grey cast iron
Diaphragm	Natural rubber
Stem	Carbon steel
Cylinder/cylinder corner	Carbon steel

HG/T 20592 PN10

Unit:mm

DN	Working pressure (MPa)	L	D	D1	Z-Φ	F	H	B	D0	WH(kg)
20	1.6	117	106	73	4-14	2	266	166	110	9
25	1.6	127	115	85	4-14	2	358	166	140	8.5
32	1.2	143	140	100	4-18	2	374	166	140	12
40	1.0	159	150	110	4-18	2	388	166	140	13
50	1.6	190	165	125	4-18	2	534	260	140	22.6
65	1.0	216	185	145	4-18	2	550	260	140	29.1
80	1.0	254	200	160	8-18	2	604	318	165	39.5
100	0.8	305	220	180	8-18	2	644	318	165	51
125	1.0	305	250	210	8-18	3	829	425	260	81.6
150	0.8	409	285	240	8-22	3	889	425	260	108.8
200	0.6	621	340	295	8-22	3	1027	760	260	223.5

Rubber Lined Check Valve

※Product Description

■ Rubber lined swing check valve only allows the medium flow in one direction. Generally this valve is automatically operated and the disc opens under certain pressure from one direction flow. In opposite flow direction, the disc functions on seat to cut off the flow with flow pressure and self weight of disc.

※Technical Specification

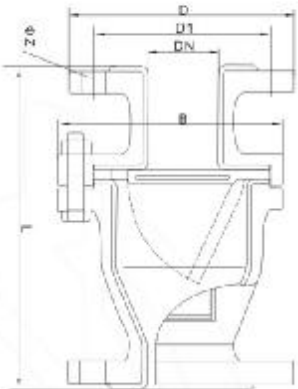
Design and manufacture standard	GB/T 12235
Face to face dimension	GB/T 12221
Flange standard	HG/T 20592
Inspection and test standard	GB/T 13027
Working temperature	≤65℃
Applicable medium	general corrosive medium



F Rubber Lined Valve Rubber Lined Check Valve



Swing type rubber lined check valve



※Material specification

Name	Material
Body	Grey cast steel with rubber lined
Disc	Carbon steel with rubber lined

YFMH44J

HG/T 20592 PN10

Unit:mm

DN	L	D	D1	Z, #	B	W(Kg)
25	100	115	95	4-14	125	4.5
32	130	140	100	4-18	150	7
40	200	150	110	4-18	160	8
50	230	165	125	4-18	175	10
65	250	185	145	4-18	204	18
80	310	210	160	4-18	230	24
100	350	220	180	8-18	255	30.5
125	400	220	210	8-18	305	47.5
150	480	255	240	8-23	345	63.5
200	590	310	285	8-23	415	96.5
250	550	305	350	12-23	405	144
300	658	445	400	12-23	540	224
350	720	505	470	13x23		
400	820	565	515	13x25		

Rubber Lined Pinch Valve

※Product Description

- Guide of pinch valve is the most important part, which indicates the quality of the valve. The operation methods can be pneumatic, electric, manual or hydraulic.
- It features unobstructed and full bore, low flow resistance, zero leakage even with remaining particles inside and easy maintenance.
- It is applicable in periods, power, fiber, mulchage liquid or solid medium with abrasiveness, or corrosive medium in chemical process. It is widely used in Sewage Treatment plant (raw sewage and sludge treatment, gravel cleaning and lime), electricity plant (FGD system, ash system, coal conveying), mining industry (tailings, flotation control, mud pipeline, tailings filling), chemical process (corrosive and abrasive medium, powder, granule) and paper pulp mill, the electronics industry, food industry, cement, sand, glass and industrial sewage treatment plant, etc.



YOUFUMI Rubber Lined Pinch Valve

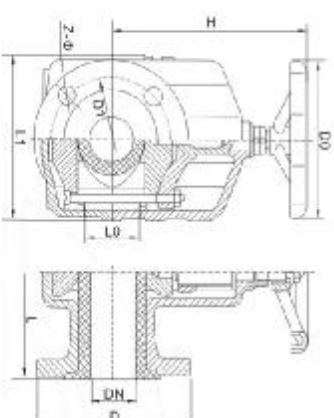


※Technical specification

Working temperature	Applicable medium
≤85°C	Pulp, grinding material, wet dust

※Material specification

Name	Material
Body	cast iron, aluminum alloy
Globe	Rubber
Stem	Cast copper, carbon steel
Pressure screw	Cast iron, aluminum alloy
Hand wheel	Cast iron
Bracket	Stainless steel



HG/T 20592 PN10

DN	L	L1	L0	D	D1	D0	H	Z-φ	Wt(Kg)
25	160	124	31	115	85	120	150	4-14	3
32	165	145	40	140	100	140	174	4-18	4.5
40	180	157	50	150	110	140	195	4-18	5.5
50	210	180	60	165	125	160	205	4-18	7.5
65	270	190	74	185	145	160	238	4-18	10.5
80	300	222	88	200	160	200	241	8-18	16.5
100	350	250	106	220	180	240	301	8-18	20
125	430	316	134	250	210	260	350	8-18	32.5
150	500	350	158	285	240	320	405	8-23	102
200	650	440	206	340	295	360	545	8-23	40
250	800	562	304	445	420	470	741	12-23	
300	950	516	356	505	350	560	832	12-23	

Unit:mm

Plastic Butterfly Valve

※Product Description

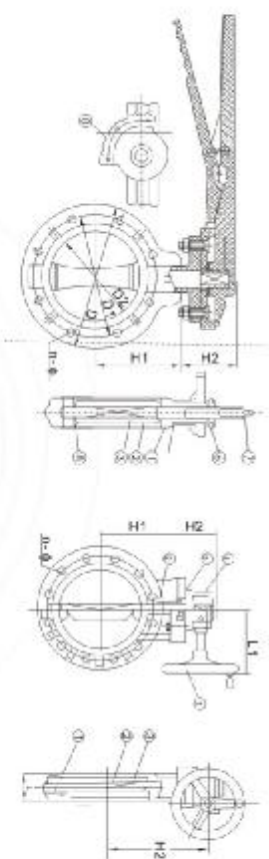
- Appearance structure of plastic butterfly valve is compact and light weight for easy installation.
- The material is non-toxic and corrosion and abrasion resistance.
- Applicable flow: water, air, oil, corrosive chemical liquid.
- It used in water, discharge and sewage pipeline system, salt water and sea water pipeline system, acid-base and chemical solution system etc.

※Working temperature

- RPP: -14°C-90°C
- PVDF: 40°C-140°C
- CPVC: -20°C-65°C
- UPVC: -11°C-80°C



Plastic Valve Plastic Butterfly Valve



※Material Specification

No.	Name	Material	No.	Name	Material
1	Body	RPP/PVC/CPVC/UPVC	5	O-ring	EPDM/FRM
2	Disc	RPP/PVC/CPVC/UPVC	6	Lever	ABS/RPP
3	Stem	SS304	7	Ball	RPP/PVDF
4	Seat	EPDM/FRM	8	Locking plate	IC-10NBT(新保特 Steel C.)

GB/JIS/DIN/ANSI

DN	D	尺寸										工作压力 MPa	重量-单位				操作
		D1					D2						RPP	P/PF	C/PW	U/PAC	
		JIS	DIN	ANSI	L1	L	H1	H2	n-φ								
25	135	80	85	3.80	35	200	35	90	70	4-14	0.7	1.1	1.3	1.25	1.2	手动式	
32	135	85	100	3.80	35	200	35	90	70	4-18	0.7	1.1	1.3	1.25	1.2		
40	150	105	110	3.05	47	200	39	85	70	4-18	0.7	1.2	1.5	1.4	1.3		
50	160	120	125	4.75	50	220	40	85	70	4-18	0.7	1.5	1.8	1.5	1.4		
65	165	140	145	5.50	71	220	40	100	70	4-18	0.7	1.4	1.7	1.6	1.5		
80	185	160	160	6.00	105	280	45	105	105	5-10	0.7	1.75	2.1	2	1.9	电动式	
100	215	175	180	7.50	105	280	54	115	85	5-18	0.6	2.1	2.5	2.4	2.3		
125	250	210	210	8.50	131	300	70	163	93	5-18	0.5	3.0	4.3	4.2	4.1		
150	285	240	240	9.00	163	300	74	175	93	5-22	0.5	4.4	6.2	6	4.8		
200	350	285	290	11.75	204	340	97	210	93	5-22	0.4	14	10	17	15.5		
250	350	350	355	14.25	255	305	114	240	93	12-22	0.3	14	22	20.7	19.5	蜗轮式	
300	430	400	400	17.00	307	445	114	270	93	12-22	0.3	21	30	28	25.5		
350	450	440	445	18.75	308	505	127	300	93	16-22	0.3	23	35	32.5	30		
400	515	515	515	21.25	389	585	140	350	108	16-22	0.3	33	44	41	38		
450	565	565	565	22.75	446	615	152	370	108	20-26	0.2	50	65	61	56.5		
500	620	620	620	25.00	484	670	152	400	108	20-26	0.2	70	91	85	79	蜗轮式	
600	725	725	730	29.50	590	785	175	485	108	20-30	0.2	100	125	118	111		

Unit:mm

Plastic Ball Valve

※Product Description

- All parts adapt the RPP or PVDF by injection molding, with good corrosion resistant performance.
- Flexible rotation, convenient operation. One-piece ball valve has little leakage point, high strength. It is used only for cutting off and through-flow, not suitable for flow regulation.
- When the two ends connected to pipeline, the bolts should be tightened evenly, to avoid the flange deformation and cause leakage. Rotating the lever in clockwise direction as closing, otherwise it is open.
- It is applicable for water, air, oil, corrosive chemical liquid application.



※Working temperature

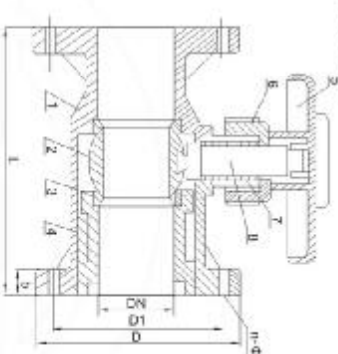
- RPP: -14°C-90°C
- PVDF: -40°C-140°C
- CPVC: -20°C-95°C
- UPVC: -14°C-80°C



Plastic Valve Plastic Ball Valve



One-piece flange type ball valve



※Material Specification

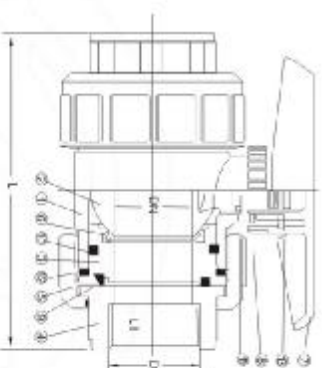
No	Name	Material	No	Name	Material
1	Body	RPP, PVDF, ABS, CPVC	5	Hand wheel	ABS
2	Ball	RPP, PVDF, ABS, CPVC	6	Ball & nut	RPP, PVDF, PPH, ABS, UPVC, CPVC
3	Sealing ring	PTFE	7	sealing	PTFE
4	Inner plunger	RPP, PVDF, ABS, CPVC	8	Stem	RPP, PVDF, PPH, ABS, UPVC, CPVC

GB/JIS/DIN/ANSI

DN	D	D1				L	h	n				φ				工作压力MPa				重量—kg/台			
		GB	JIS	DIN	ANSI			n	JIS	DIN	ANSI	φ	JIS	DIN	ANSI	POT	POT	POT	POT	POT	POT	POT	POT
15	95	85	70	85	60	120	14	4	4	4	4	14	15	14	0.63	1.0	1.0	0.36	0.67	0.8	0.5		
20	105	75	75	75	70	170	16	4	4	4	4	14	15	14	0.63	1.0	1.0	0.42	0.73	0.65	0.5		
25	115	85	90	85	80	140	16	4	4	4	4	14	15	14	0.63	1.0	1.0	0.56	0.94	0.84	0.7		
32	135	100	100	100	80	144	16	4	4	4	4	16	18	14	0.63	1.0	1.0	0.86	1.45	1.3	1.1		
40	145	110	105	110	85	163	16	4	4	4	4	18	18	16	0.63	1.0	1.0	1	1.75	1.57	1.4		
50	160	125	120	125	120	168	18	4	4	4	4	18	18	18	0.75	1.0	1.0	1.32	2.25	2	1.8		
65	180	140	140	140	220	22	4	4	4	4	4	18	18	18	0.75	1.0	1.0	1.9	3.2	2.9	2.6		
80	195	160	160	160	240	25	4	4	4	4	4	18	18	18	0.75	1.0	1.0	2.4	4.1	3.7	3.3		
100	215	180	175	180	275	25	8	8	8	8	8	18	18	18	0.75	1.0	1.0	3.6	6.1	5.5	4.9		
125	245	210	210	210	340	30	8	8	8	8	8	18	23	18	0.87	0.8	0.8	5.9	10	9	8		
150	260	240	240	240	360	30	8	8	8	8	8	23	23	23	0.87	0.8	0.8	7.4	12.6	11.2	10		
200	335	295	290	295	470	35	8	12	8	8	8	23	23	23	0.87	0.8	0.8	12	21	18	16		
250	395	350	355	350	560	50	12	12	12	12	12	23	23	23	0.87	0.8	0.8	15	32	29	27		

注：DN200以上规格为翻板式

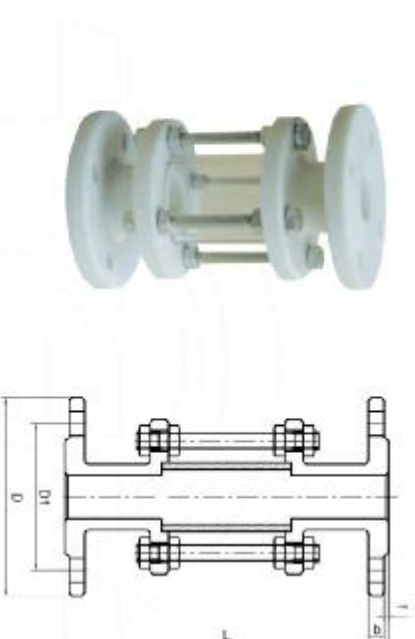
SW ball valve



※Parts material table

No	Name	Material	No	Name	Material
1	Body	RPP/PVDF/ABS/CPVC	8	Ball	RPP/PVDF/ABS/CPVC
2	Ball	RPP/PVDF/ABS/CPVC	9	O-ring	EPDM/PPM
3	Compressor	RPP/PVDF/ABS/CPVC	10	O-ring	EPDM/PPM
4	Screwed part	RPP/PVDF/ABS/UPVC	11	O-ring	EPDM/PPM
5	Tighten nut	RPP/PVDF/ABS/CPVC	12	sealing ring	PTFE
6	Sealing ring	PTFE	13	screw	metal
7	Lever	ABS			

DN	外形尺寸(mm)			工作压力 MPa	重量-kg/个			
	D	L	L1		RPP	PVDF	CPVC	UPVC
15	20	100	15	1.0	0.18	0.3	0.28	0.25
20	25	120	17	1.0	0.19	0.32	0.29	0.26
25	32	135	20	1.0	0.27	0.46	0.41	0.37
32	40	160	23	1.0	0.42	0.72	0.65	0.58
40	50	170	25	1.0	0.67	1.15	1	0.92
50	63	200	28	1.0	1.07	1.63	1.54	1.47
65	75	215	32	1.0	1.45	2.5	2.2	2
80	90	265	35	1.0	2.4	4.2	3.7	3.3
100	110	380	45	1.0	4	6.8	6.1	5.5



GB/JIS/DIN/ANSI

DN	D1				D				L	T
	JIS	DIN	ANS	BS	JIS	DIN	ANS	BS		
15	70	65	2.28	2.62	95	95	3.50	3.75	175	12
20	75	75	2.76	2.88	100	105	3.86	4.00	174	14
25	80	85	3.13	3.25	125	135	4.25	4.50	218	14
32	100	100	3.50	3.43	135	140	4.81	4.75	218	16
40	105	110	3.88	3.88	140	150	5.00	5.25	220	16
50	120	125	4.74	4.50	155	165	5.88	6.00	220	16
65	140	140	5.09	5.00	175	185	7.00	6.50	240	18
80	150	150	6.00	5.75	185	200	7.52	7.25	238	18
100	175	180	7.50	7.00	210	220	9.02	8.50	274	20
125	210	210	8.50	8.25	250	250	10.00	10.00	375	20
150	240	240	9.51	9.25	280	285	10.88	11.00	390	22
200	290	295	11.75	11.50	330	340	13.60	13.25	420	25
250	355	350	14.25	14.00	400	375	15.58	16.00	445	28

Unit:mm

Plastic Diaphragm Valve

※Product Description

- Light valve weight, strong anti-corrosion, easy disassembly and maintenance.
- It is applicable for convey, cut-off, flow regulation of corrosive medium. All parts adapt the RPP or PVDF by injection molding, with good corrosion resistant performance. It is screw lifting structure and has good operational stability. It can replace the stainless steel valve. Sealing diaphragm adapts the FEP or PFA, of which the folding number is more than 1200 times.
- It is widely used in water, air, oil, corrosive chemical liquid application.

※Working temperature

- RPP: -14°C-90°C
- PVDF: -40°C-140°C
- CPVC: -20°C-88°C
- UPVC: -14°C-80°C

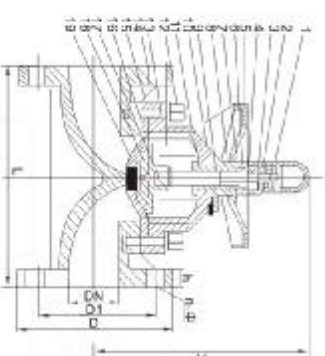


Plastic Valve Plastic Diaphragm Valve



※Material Specification

No.	Parts	Material	No.	Parts	Material
1	Shaft	Stainless steel	11	Bearing	Single direction thrust roller bearing
2	Indicator	Steel	12	nut	steel (copper stainless steel)
3	Lifting cover	PC/AS	13	Stud	steel (copper, stainless steel)
4	Gasket	steel, stainless steel	14	body	RPP, PVDF, ABS, CPVC
5	Hand wheel	ABS	15	flange	EPDM, IR
6	Tighten nut	steel, stainless steel	16	diaphragm	FEP, PFA, PTFE
7	Lined ring	PP	17	pin	steel
8	Stem nut	Steel (copper, P1000 steel)	18	disc	cast iron, 92SS, 316L, C.I., TRP
9	Stem	steel, stainless steel	19	diaphragm	FEP
10	Bracket	RPP, PVDF, ABS, CPVC			



GB/JIS/DIN/ANSI

Unit:mm

DN	D	D1			L			R			n			φ		
		GB	JIS	DIN	ANSI	L	JIS	DIN	ANSI	b	H	n	JIS	DIN	ANSI	φ
15	96	85	70	65	230	125	110	130	4.33	14	125	4	4	4	4	14
20	125	75	75	75	276	135	120	150	4.72	16	130	4	4	4	4	14
25	115	85	90	85	313	145	130	160	5.12	16	145	4	4	4	4	14
32	135	100	100	100	345	160	1	1	1	16	170	4	4	4	4	16
40	145	110	105	110	380	190	190	200	7.89	16	190	4	4	4	4	16
50	160	125	125	125	474	210	230	230	8.27	16	215	4	4	4	4	16
65	180	145	145	145	548	250	250	260	9.87	22	260	4	4	4	4	18
80	185	150	160	160	600	300	280	310	11.02	25	300	4	8	8	8	18
100	215	180	175	180	750	350	340	350	13.51	25	340	8	8	8	8	18
125	245	210	210	210	850	400	410	400	16.14	30	420	8	8	8	8	18
150	280	240	240	240	951	450	450	450	19.93	30	450	8	8	8	8	23
200	335	295	295	295	1175	570	570	590	22.44	35	625	8	12	8	8	23
250	380	350	400	385	1558	680	680	730	28.77	38	775	12	12	12	12	23