PN(MPa)	DN(mm)	Dimension (mm)							
		L	D1	D	Z-φd	H	HO	A	B
1.0	50	108	125	165	4-18	112	260	200	200
	65	112	145	185	4-18	115	280	200	200
	80	114	160	200	8-18	120	355	220	200
	100	127	180	220	8-18	138	390	220	200
	125	140	210	250	8-18	164	490	220	200
	150	140	240	285	8-22	175	630	300	208
	200	152	295	340	8-22	208	690	300	280
	250	165	350	395	12-22	243	830	300	280
	300	178	400	445	12-22	283	930	440	420
	350	190	460	505	16-22	310	1010	440	420
	400	216	510	565	16-26	340	1070	440	420
	450	222	565	615	20-26	380	1140	540	437
	500	229	620	670	20-26	410	1200	540	437
	600	267	725	780	20-30	470	1340	540	437
	700	292	840	895	24-30	550	1600	640	526
	800	318	950	1015	24-33	640	1780	640	526
	900	330	1050	1115	28-33	710	1920	740	600
	1000	410	1160	1230	28-36	770	1960	740	600
	1200	470	1380	1455	32-29	890	2360	740	600
	1400	530	1590	1675	32-39				
	1600	600	1820	1915	40-48	2515	1085		
	1800	670	2020	2115	44-48	2730	1230		
	2000	760	2230	2325	48-48	2975	1350		

Non-rising wedge gate valve

Z45T Non-rising wedge gate valve

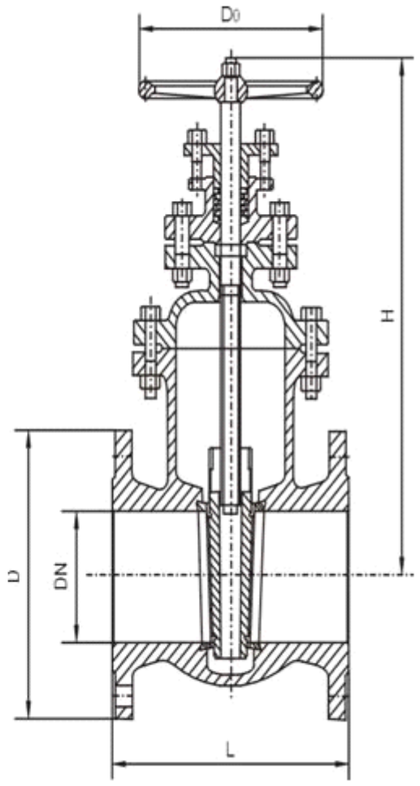
Characteristic: This valve is widely used in petroleum, chemical, pharmaceutical, power and other industries, the function is open and close the steam, water, oil and other medium in the pipeline of the nominal pressure ≤ 1.6 MPa.

Z45T Main technical parameters

Type	Normal pressure MPa	Test pressure MPa		Work temperature	Use medium
		Seal	Strength		
Z45H-10	1.0	1.1	1.5	≤100-200℃	Water, steam, oil
Z45W-10					
Z45T-10					
Z45T-16	1.6	1.76	2.4	≤200℃	Water, steam, oil
Z45W-16					
Z45H-16C					
Z45T-16C					
Z45W-16C					

Z45T Main part material

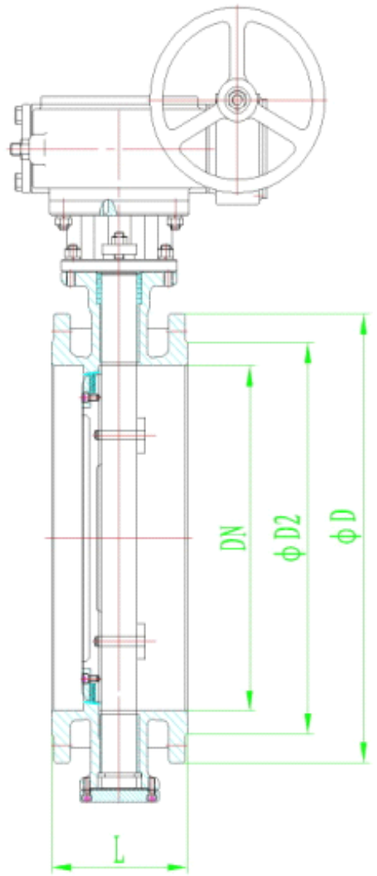
Type	body, bonnet, disc	Seal ring	stem	packing
Z45H-10	Gray cat iron, cast steel	Stainless steel	Carbon steel, stainless steel	Oil-soaked asbestos packing
Z45W-10				
Z45T-10				
Z45T-16				
Z45W-16				
Z45H-16C				
Z45T-16C				
Z45W-16C				

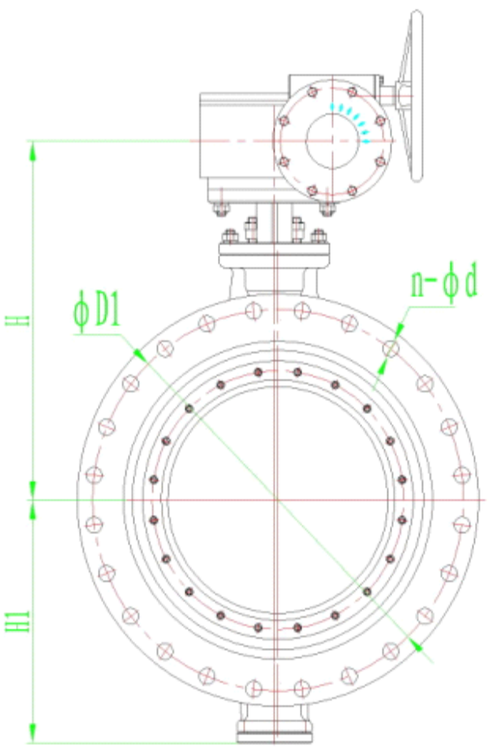


The main characteristics are as follows:

1. Opening force is small, flexible and convenient, energy saving.
2. The structure is three-dimensional eccentric, so that the more relevant, the more compact disc, the sealing performance is reliable, which up no leakage.
3. Resistance to high pressure, corrosion, wear and long service life etc.

Structure and shape dimension





Slurry manual flange butterfly valve

ZJ42H Slurry manual flange butterfly valve

ZJ42H slurry manual flange butterfly valve is a long-lived, energy-saving valve. The structure is designed by principles of three-dimensional eccentric, the seat is adopts multi-level structure of compatible with hard and soft seal, processing is superb, technology is advanced. The product is consists of valve body, disc, multi-level valve seat, stem, transmission and other major components. So is widely used in metallurgy, electric power, petroleum, chemical, air, gas, combustible gas and drainage pipes for corrosive medium.

Characteristic

Because this product is designed by the principle of three-dimensional eccentric, make space moving trajectory of sealing surface to achieve an idealized, no friction between the sealing surface, no interference, and appropriate sealing material selection, so that can make the valve sealing, anti- corrosive, high temperature and abrasion resistance have a reliable guarantee.

Z45T Main dimensions

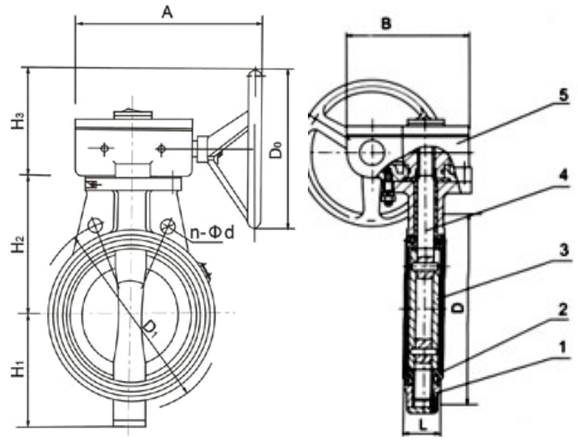
DN（mm）	Z45T-10/16				Z45-16（C）			
	L	D	H	D0	L	D	H	D0
40	165	145	300	160	240	345	200	160
50	180	160	300	180	250	355	240	180
65	195	180	340	180	265	375	240	180
80	210	195	360	200	280	435	280	200
100	230	215	400	200	300	500	320	200
125	255	245	500	240	325	615	360	240
150	280	280	550	240	350	675	360	240
200	330	335	620	320	400	750	400	320
250	380	390	700	320	450	970	450	320
300	420	440	800	400	500	1145	560	400
350	450	500	950	400	550	-	-	400
400	480	565	1050	500	600	-	-	500
450	510	615	1175	500	650	-	-	500
500	540	670	1410	720	700	-	-	720
600	600	780	1550	720	750	-	-	720
700	660	895	1800	800	-	-	-	800
800	720	1010	2170	-	-	-	-	-
900	780	1110	2300	-	-	-	-	-
1000	840	1220	2600	-	-	-	-	-
1200	960	1450	-	-	-	-	-	-

Pressure sustaining, relief valve

H104X Pressure sustaining, relief valve

H104X pressure sustaining, relief valve is consist of main valve, pilot valve needle valve, ball valve, micro-shaped filter and pressure gauge up a waterpower control connection pipe system. Using waterpower to automatic operation, it can be used for pressure relief valve, and also for pressure sustaining valve. For pressure relief valve, it can maintain pressure of water supply is below the safe value of setting; for pressure sustaining valve, can maintain the upstream pressure of main valve in the above the setting value, which maintain the upstream water pressure of the main valve.

Structure and shape dimensions



Parts: 1, body 2, seat 3, disc 4, stem 5, worm gear

DN	Normally pressure MPa	Working pressure MPa	L mm	D mm	D1 mm	n-Φd mm	H1 mm	H2 mm	Do mm	H3 mm	A mm	B mm
40	1.0	1.0	33	150	110	4-18	55	100	150	62	164	125
50			43	165	125	4-18	64	120	150	62	164	125
65			46	185	145	4-18	80	120	208	62	164	125
80			46	200	160	8-18	112	130	260	62	164	125
100			52	220	180	8-18	90	140	275	62	164	125
125			56	250	210	8-18	112	160	350	106	289	200
150			56	285	240	8-22	135	175	350	106	289	200
200			60	340	295	8-22	160	210	240	106	289	200
250		0.6	68	395	350	12-22	206	235	240	106	289	200
300			78	445	400	12-22	232	273	320	112	370	253
350			78	505	450	16-22	263	310	320	112	370	253
400			102	565	515	16-26	295	340	400	270	562	280
450			114	615	565	20-26	327	370	400	270	562	280
500			127	670	620	20-26	358	399	400	270	562	280
550		0.4	140	730	675	20-30	384	430	400	270	562	280
600			154	780	725	20-30	474	460	500	270	562	280
700			165	895	840	24-30	486	510	500	125	503	443
800			190	1015	950	24-33	591	672	500	200	513	531
900			203	1115	1050	28-33			500	200	513	531
1000			216	1230	1160	28-36	721	800	550	273	713	815

Wafer butterfly valve

D371J Wafer butterfly valve

Main Characteristic:

1. Small portable, easy disassembly and maintenance, and can be installed in any location.
2. The structure is simple and compact, 90-degree turn to open rapidly.
3. Resist twisting operation is small, labor-saving is light.
4. The flow characteristic is over the line, regulated performance.
5. It can open the number of tests up to tens of thousands of times, has a long life.
6. Can up to completely seal, gas leakage is zero.
7. It’s easy to replacement the parts materials, can applicable to many medium.

Working principle

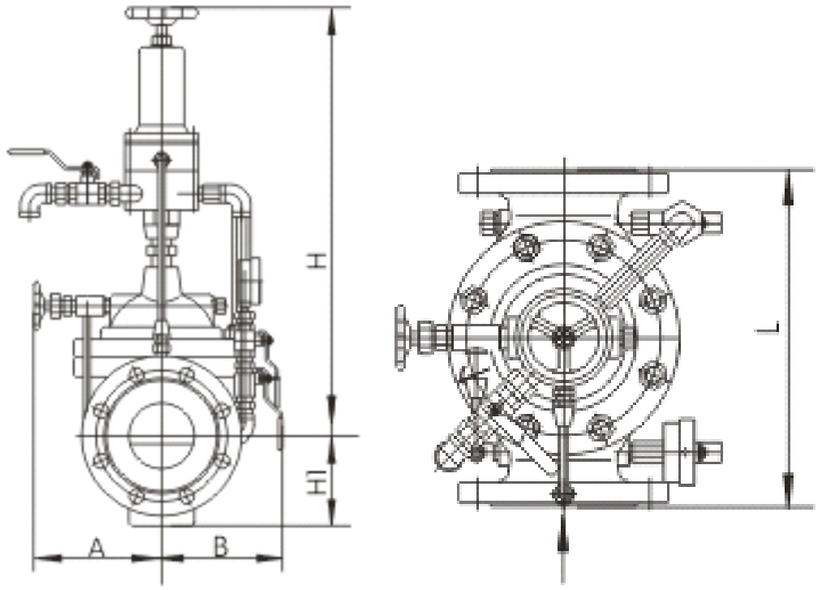
1、For pressure relief valve: When the pilot valve is adjusted to pressure relief state, the water through the needle valve, control room of main valve, ball valve A, pilot valve, ball valve B flow to the outlet, the main valve is turned on at this time. When the inlet pressure is exceed the setting safety value of pilot valve, the pressure relief pilot valve will automatically open, some of the water released through the ball valve C .When the pressure resume to a safe value, the pressure relief valve will automatically close. For pressure relief valve, the all ball valves are normally open.

2、For pressure sustaining valve: When the pilot valve is adjusted to pressure sustaining state, as long as the inlet pressure of the main valve is below the setting value of pilot valve, pilot valve is closed. The pressure of main control room is rising, the main valve is closed. When the water pressure in upstream is exceed the setting pressure of pilot valve, the pilot valve of sustaining pressure is can be opened, the water in control room through the ball valve to discharge to the outlet, the main valve of reduction pressure in control room is open, then begin to water supply, that is to maintain the upstream water pressure. For pressure sustaining valve, the ball valve C is normally closed or replaced by a plug.

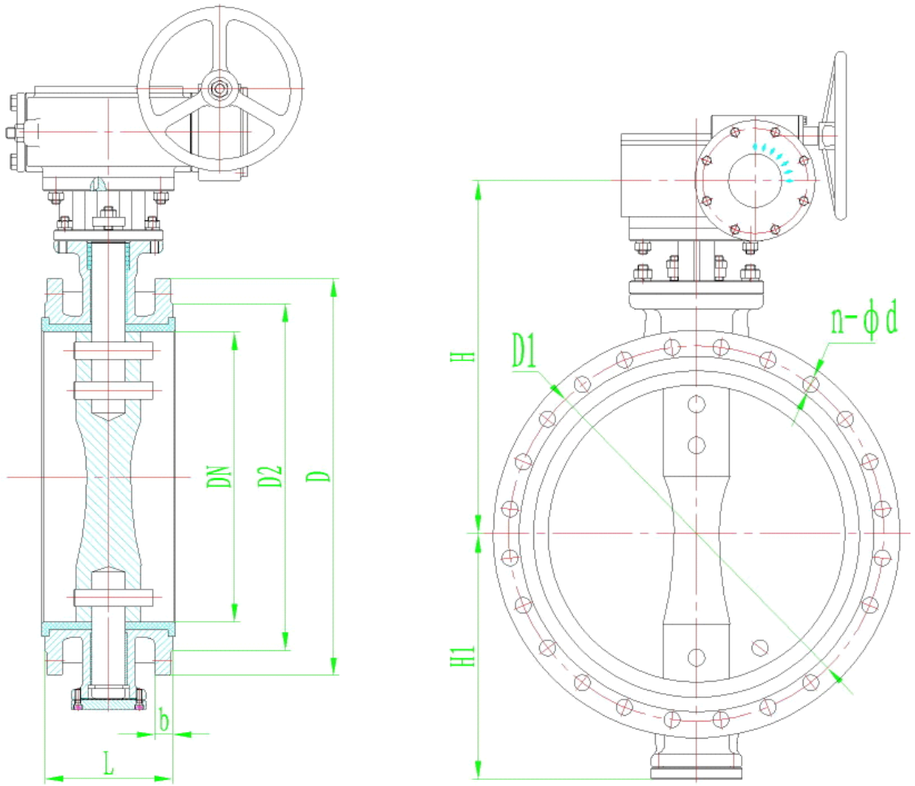
Main technical parameter

Normal pressure (Mpa)	Body test pressure (MPa)	Sealing test pressure (MPa)	Suitable medium	Suitable temperature (℃)
1.0	1.5	1.1	water	0-80
1.6	2.4	1.76		
2.5	3.75	2.75		

Shape and connection dimension (PN 1.0-2.5MPa)



Structure and shape dimension



DN	L	D	D1	D2	b	n－ϕd	H	H1
200	152	335	295	265	24	8－ϕ23	370	180
250	165	395	350	320	26	12－ϕ23	420	200
300	178	440	400	368	28	12－ϕ23	500	250
400	216	565	515	482	30	16－ϕ25	570	300
450	222	615	565	532	30	20－ϕ25	600	320
500	229	670	620	585	32	20－ϕ25	680	360
600	267	780	725	685	36	20－ϕ30	750	420

Flange Manual butterfly valve

D341X Flange manual butterfly valve

D341X flange manual butterfly valve is mainly applicable to drain water for the systems such as Water Works, Power Plant, Steel and Iron Works, the Papermaking Industry, Chemical Industry, Water Source Project, Environmental Infrastructure and so on. And it is especially applicable as adjusting and water closure device for the channels.

Product Characteristic:

1. Reasonable design, compact structure, easy installation, easy maintenance.

2. It adopts the eccentric structure which reduces the friction sealing and prolongs service life.

3. The stem sealing ring uses "T" type structure, and the sealing takes on linear.

4. Complete seal and zero leakage. The drag coefficient is 0.02Mpa.

DN(mm)	L	A	A1	H	H1	F
20	180	330	130	550	460	116
25	180	330	130	550	460	116
32	180	330	130	550	460	116
40	240	345	135	610	516	170
50	240	345	135	610	516	170
65	250	355	140	625	520	180
80	285	360	146	645	538	210
100	360	400	156	750	596	275
125	400	420	170	808	655	310
150	455	435	186	864	710	355
200	585	480	206	1135	805	460
250	650	530	226	1185	855	500
300	800	575	246	1325	955	580
350	860	620	275	1385	990	640
400	960	635	286	1445	1030	715
450	1075	665	320	1325	905	780
500	1075	695	348	1430	960	830
600	1230	720	372	1565	1020	920
700	1650	770	422	1755	1160	980
800	1750	805	458	2230	1515	1050

Waterpower remote control floating ball valve

100X Waterpower remote control floating ball valve

100X waterpower remote control floating ball valve is compose waterpower control connection pipe system by the main valve, needle valve, ball valve, floating ball valve, micro filter etc. After setting, it may automatic control liquid height.

This product is use liquid level to direct control, no need other equipments and energy, maintenance is simple, high accurate to control liquid level, no effect by water pressure, reliable sealing.

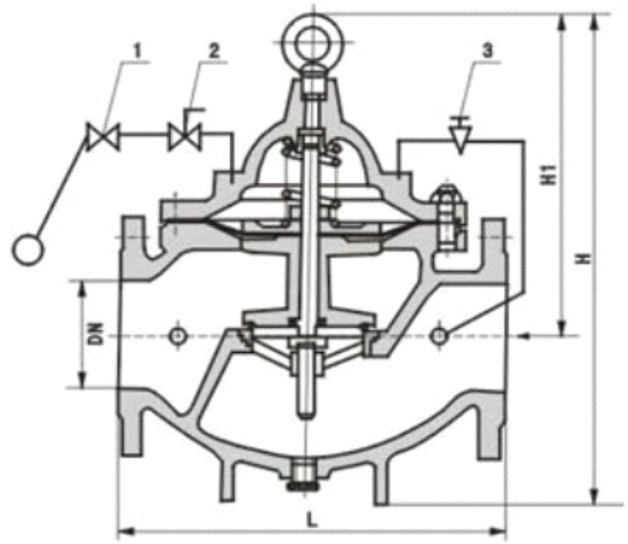
This series of valves are widely used in high-rise buildings, living areas, and water supply system of the towers, pool etc for the liquid level control of facilities.

Working principle

When the pipe throng inlet side to water supply, due to needle valve, ball valve, floating ball valve is normally open, and water through micro-filter, needle valves, control room, ball valve, floating ball valve into the pond, this time the control room is not formation pressure, the main valve open, water tower (pool) to water supply.

When water surface of the water tower (pool) is up to the setting height, floating ball is rise, close the floating ball valve, water pressure in control room is promote, force main valve closed, stop water supply. When the water surface falling, the floating ball valve re-open, water pressure in control room dropped, main valve open again, continue to water supply, to maintain the setting height of the water surface.

Structure and main shape dimension



1, floating ball main valve 2, ball valve 3, needle valve

DN	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450
L	150	160	180	200	203	216	241	292	330	356	495	622	698	787	914	978
H1	179	179	179	210	210	215	245	305	365	415	510	560	658	696	735	735
H	212	212	212	265	265	310	350	460	520	570	840	890	1030	1090	1150	1150