



CAST IRON VALVE



# VALVE

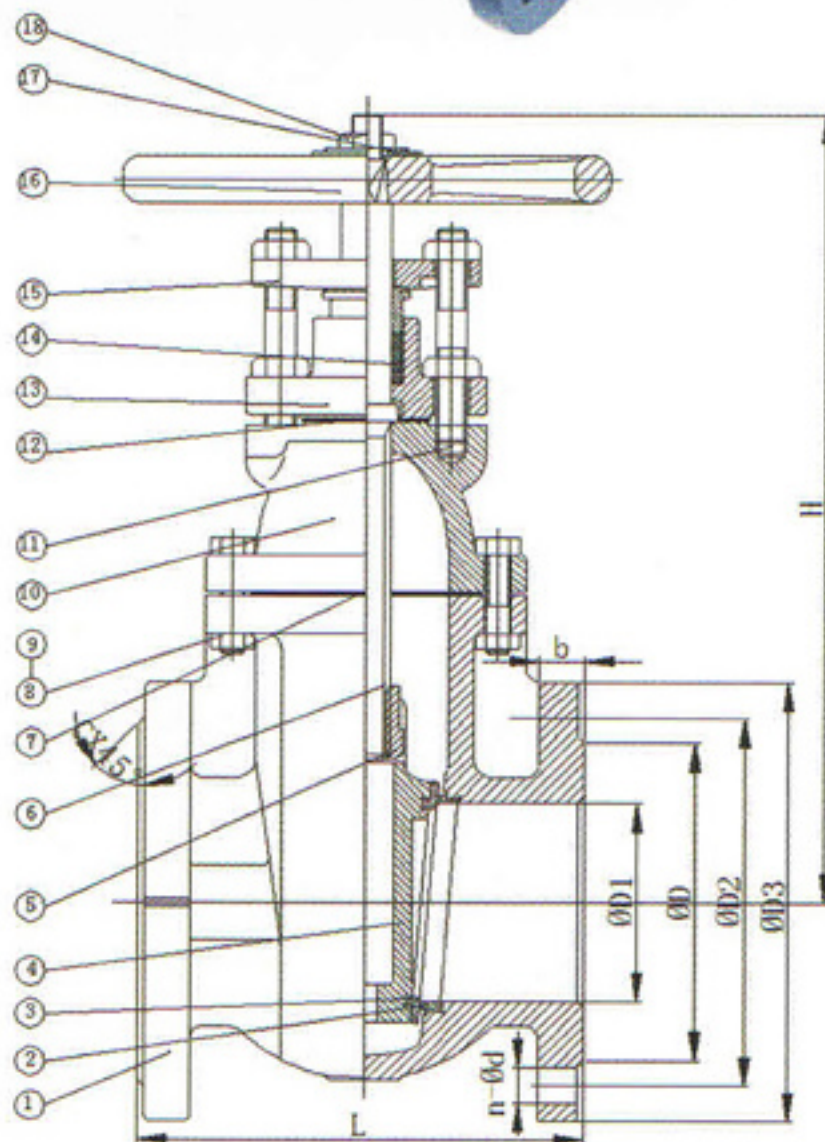
## GATE VALVE (NON-RISING STEM) BS5150 PN16



- Design and manufacture conform to BS5150
- Flange dimensions conform to EN1092-2
- Face to face dimensions conform to BS5150 & BS5163 PN16
- Testing conform to BS6755

### Component

NO	PART NAME	MATERIAL
1	Body	Cast iron, ductile iron
2	Body seat	Bronze, brass
3	Wedge seat	Bronze, brass
4	Wedge	Cast iron, ductile iron
5	Stem nut	Bronze, brass
6	Stem	Stainless steel
7	Gasket	Graphite
8	Bonnet bolt	Carbon steel
9	Nut	Carbon steel
10	Bonnet	Cast iron, ductile iron
11	Bolts	Carbon steel
12	Gasket	Graphite
13	Stuffing box	Cast iron, ductile iron
14	Packing	Graphite
15	Gland follower	Cast iron, ductile iron
16	Hand wheel	Carbon steel, ductile iron
17	Washer	Carbon steel
18	Hand wheel nut	Carbon steel



### Dimensions(unit: mm)

DN	L	H	D	D1	D2	b	c	n-Ød
50	178	278	102	125	165	20	3	4-Ø18
65	190	312	122	145	185	20	3	4-Ø18
80	203	327	138	160	200	22	3	8-Ø18
100	229	400	158	180	220	24	3	8-Ø18
125	254	489	188	210	250	26	3	8-Ø18
150	267	544	212	240	285	26	3	8-Ø22
200	292	632	268	295	340	30	3	12-Ø22
250	330	772	320	355	405	32	3	12-Ø26
300	356	863	378	410	460	32	4	12-Ø26
350	381	1000	438	470	520	36	4	16-Ø26
400	406	1070	490	525	580	38	4	16-Ø30
450	432	1180	550	585	640	40	4	20-Ø30
500	457	1240	610	650	715	42	4	20-Ø33



# VALVE

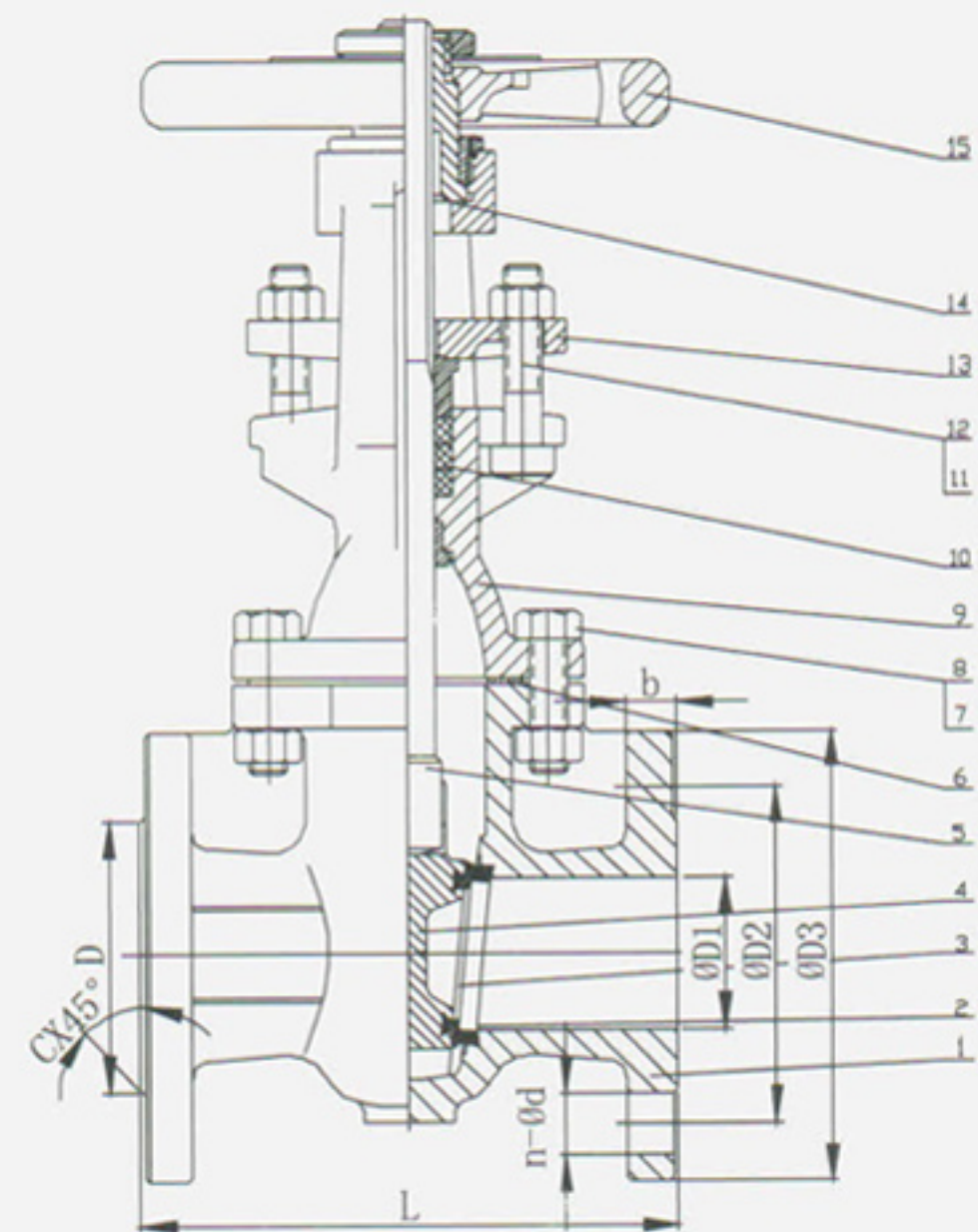
## GATE VALVE (RISING STEM) BS5150 PN16

- Design and manufacture conform to BS5150
- Flange dimensions conform to EN1092-2
- Face to face dimensions conform to BS5150 & BS5163 PN16
- Testing conform to BS6755



### Component

NO	PART NAME	MATERIAL
1	Body	Cast iron, ductile iron
2	Body seat	Bronze, brass
3	Wedge seat	Bronze, brass
4	Wedge	Cast iron, ductile iron
5	Stem	Stainless steel
6	Gasket	Graphite
7	Bolts	Carbon steel
8	Nuts	Carbon steel
9	Bonnet	Cast iron, ductile iron
10	Packing	Graphite
11	Bolts	Carbon steel
12	Nuts	Carbon steel
13	Gland follower	Cast iron, ductile iron
14	Stem nut	Bronze, brass
15	Hand wheel	Carbon steel, ductile iron



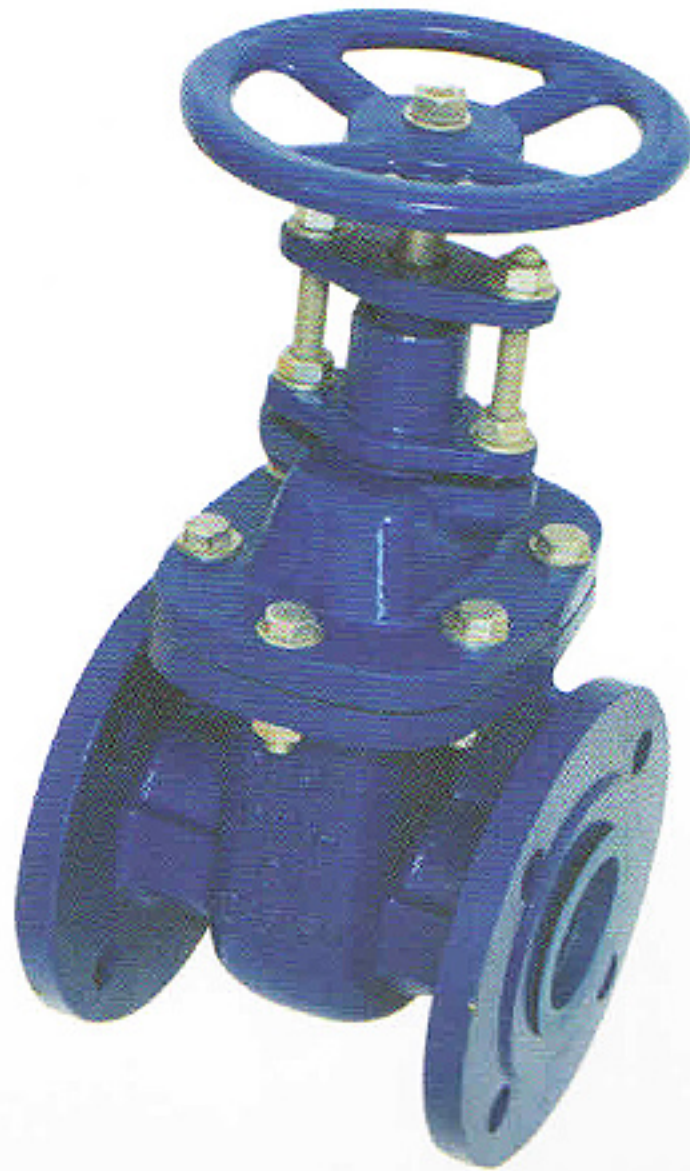
### Dimensions(unit: mm)

DN	L	D1	D2	D3	b	c	n-φd
50	178	102	125	165	20	3	4-φ18
65	190	122	145	185	20	3	4-φ18
80	203	138	160	200	22	3	8-φ18
100	229	158	180	220	24	3	8-φ18
125	254	188	210	250	26	3	8-φ18
150	267	212	240	285	26	3	8-φ22
200	292	268	295	340	30	3	12-φ22
250	330	320	355	405	32	3	12-φ26
300	356	378	410	460	32	4	12-φ26
350	381	438	470	520	32	4	16-φ26
400	406	490	525	580	34	4	16-φ30
450	432	550	585	640	36	4	20-φ30
500	457	610	650	715	38	4	20-φ33



# VALVE

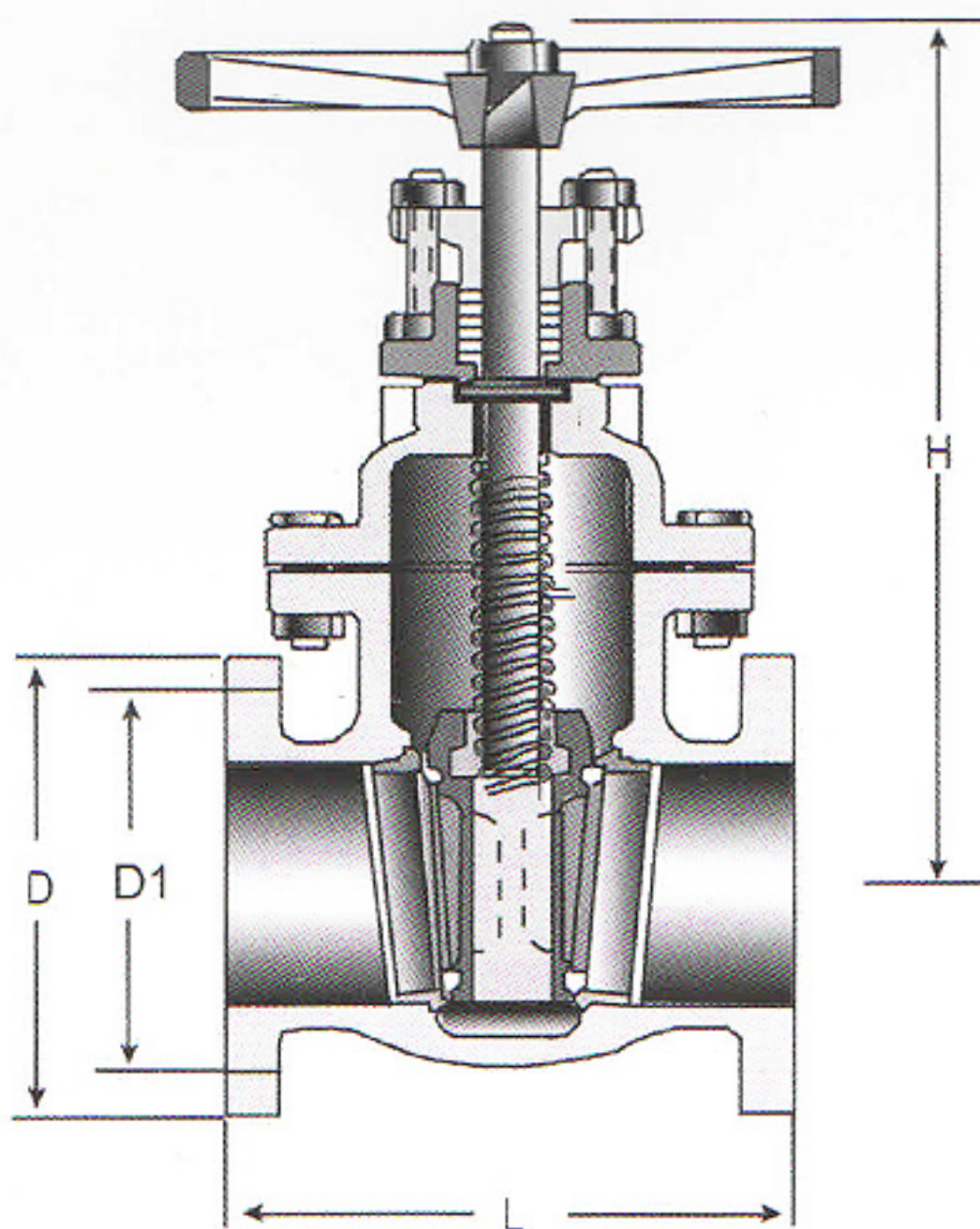
## GATE VALVE (NON-RISING STEM) CLASS125



- Design and manufacture conform to MSS SP-70
- Flange dimensions conform to ANSI B16.1
- Face to face dimensions conform to ANSIB16.10
- Testing conform to MSS SP-70

### Component

PART NAME	MATERIAL
Body	Cast iron, ductile iron
Body seat	Bronze, brass
Wedge	Cast iron, ductile iron
Wedge ring	Bronze, brass
Wadge nut	Bronze, brass
Gasket	Graphite
Bonnet bolt	Carbon steel
Bonnet nut	Carbon steel
Bonnet	Cast iron, ductile iron
Packing	Graphite
Stem	Stainless steel
Hand wheel	Carbon steel, Cast iron



### Dimensions(unit: mm)

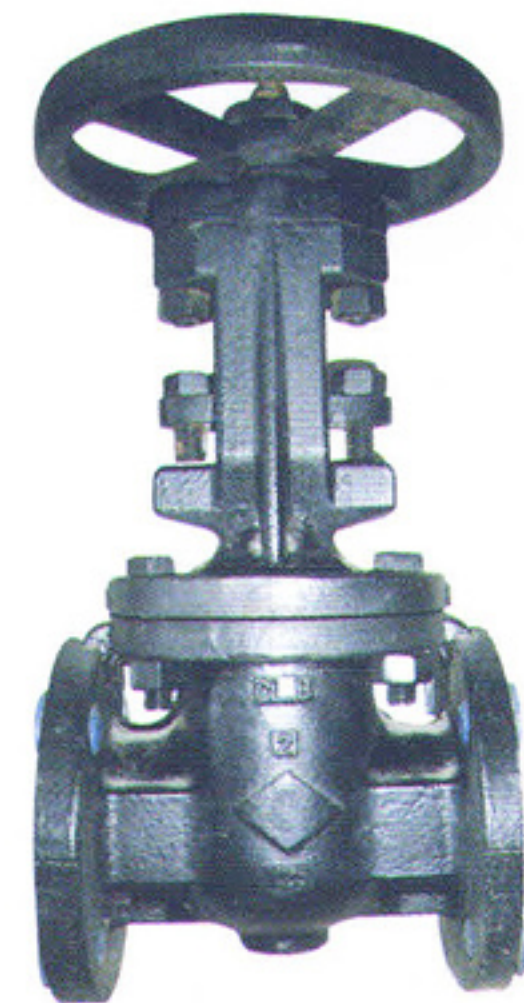
DN	L	D	D1	b	n-d
50	178	152	120.7	15.8	4-19
65	190	177.8	139.7	17.5	4-19
80	203	190.5	152.4	19	4-19
100	229	228	190.5	23.9	8-19
125	254	254	215.9	24	8-22
150	267	279.4	241.3	25.5	8-22
200	292	342.9	298.5	28.5	8-22
250	330	406.4	362	30	12-25
300	356	482.6	431.8	32	12-25



# VALVE

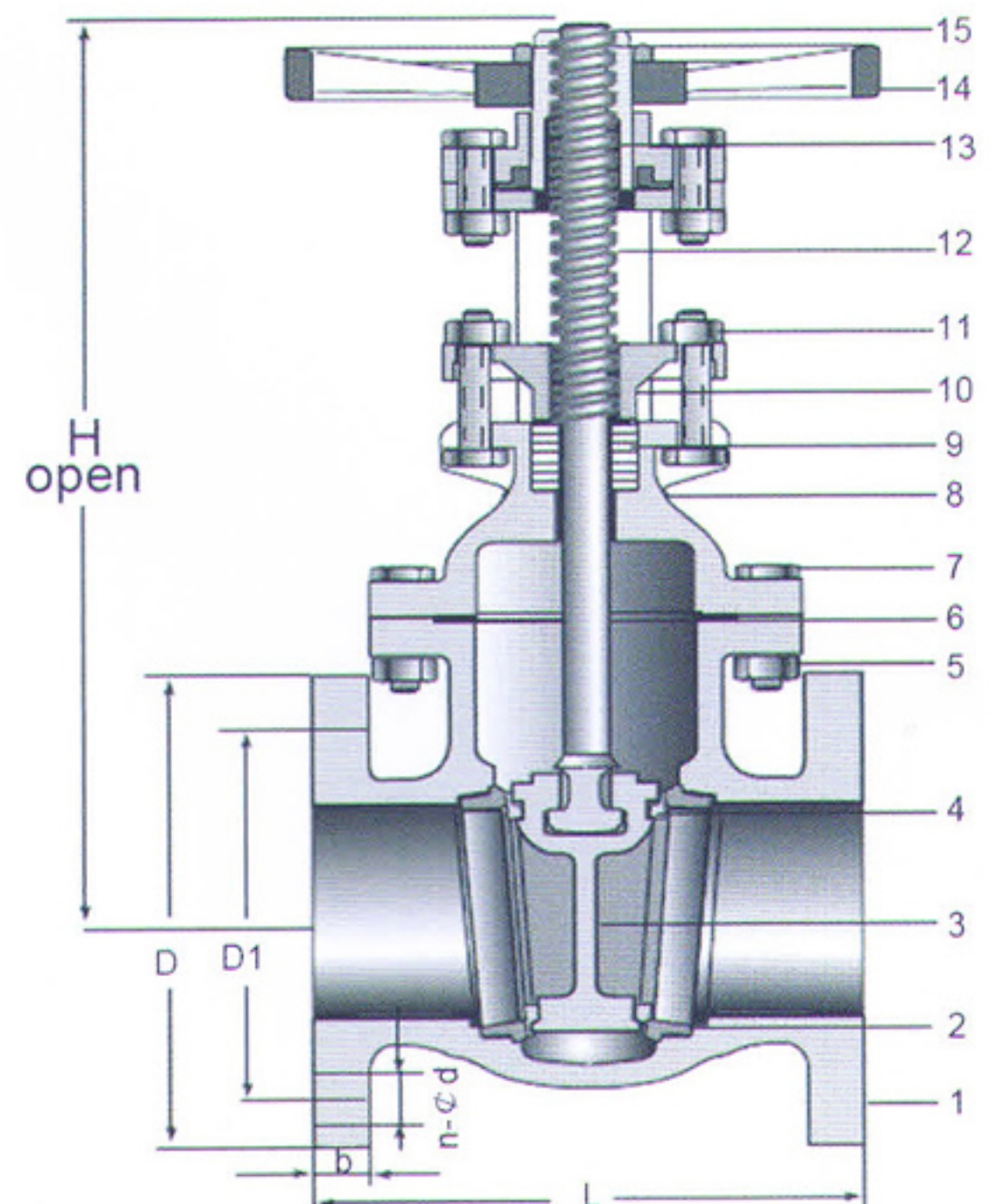
## GATE VALVE (RISING STEM) CLASS125

- Design and manufacture conform to MSS SP-70
- Flange dimensions conform to ANSI B16.1
- Face to face dimensions conform to ANSIB16.10
- Testing conform to MSS SP-70



### Component

NO	PART NAME	MATERIAL
1	Body	Cast iron, ductile iron
2	Body seat	Bronze, brass
3	Disc	Cast iron, ductile iron
4	Disc seat	Bronze, brass
5	Nut	Carbon steel
6	Gasket	Graphite
7	Bolt	Carbon steel
8	Bonnet	Cast iron, ductile iron
9	Packing	Graphite
10	Gland	Ductile iron
11	Bolt & nut	Carbon steel
12	Stem	Stainless steel
13	Yoke sleeve	Bronze, brass
14	Hand wheel	Cast iron, ductile iron
15	Nut	Ductile iron



### Dimensions(unit: mm)

DN	L	H	D	D1	b	n-φd
65	191	408	177.8	139.7	17.5	4-19
80	203	441	190.5	152.5	19	4-19
100	229	545	228	190.5	23.9	8-19
125	254	656	254	215.9	24	8-22.4
150	267	770	279.4	241.3	25.5	8-22.4
200	292	959	342.9	298.45	28.5	8-22.4
250	330	1255	406.4	361.95	30	12-25.4
300	356	1443	482.6	431.8	32	12-25.4



# VALVE

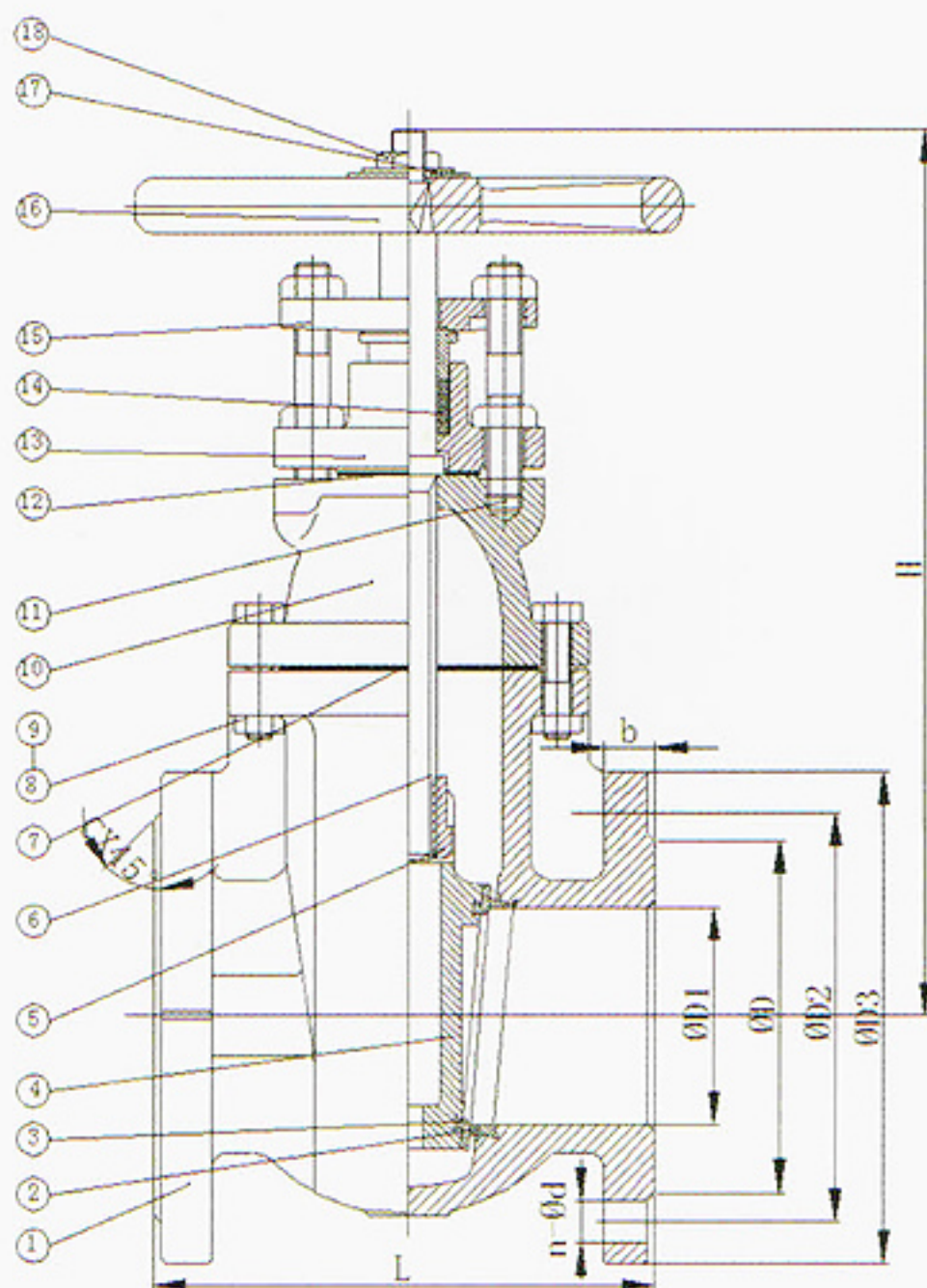
## GATE VALVE (NON-RISING STEM) CLASS150



- Flange dimensions conform to ANSI B16.5
- Face to face dimensions conform to ANSIB16.10

### Component

NO	PART NAME	MATERIAL
1	Body	Cast iron, ductile iron
2	Body seat	Bronze, brass
3	Wedge seat	Bronze, brass
4	Wedge	Cast iron, ductile iron
5	Stem nut	Bronze, brass
6	Stem	Stainless steel
7	Gasket	Graphite
8	Bonnet bolt	Carbon steel
9	Nut	Carbon steel
10	Bonnet	Cast iron, ductile iron
11	Bolts	Carbon steel
12	Gasket	Graphite
13	Stuffing box	Cast iron, ductile iron
14	Packing	Graphite
15	Gland follower	Cast iron, ductile iron
16	Hand wheel	Carbon steel, ductile iron
17	Washer	Carbon steel
18	Hand wheel nut	Carbon steel



### Dimensions(unit: mm)

DN	L	D	D1	D2	b	n-d
50	178	92	120.7	152	15.8	4-19
65	190	105	139.7	177.8	17.5	4-19
80	203	127	152.4	190.5	19	4-19
100	229	157	190.5	228	23.9	8-19
125	254	186	215.9	254	24	8-22
150	267	216	241.3	279.4	25.5	8-22
200	292	270	298.5	342.9	28.5	8-22
250	330	324	362	406.4	30	12-25
300	356	381	431.8	482.6	32	12-25



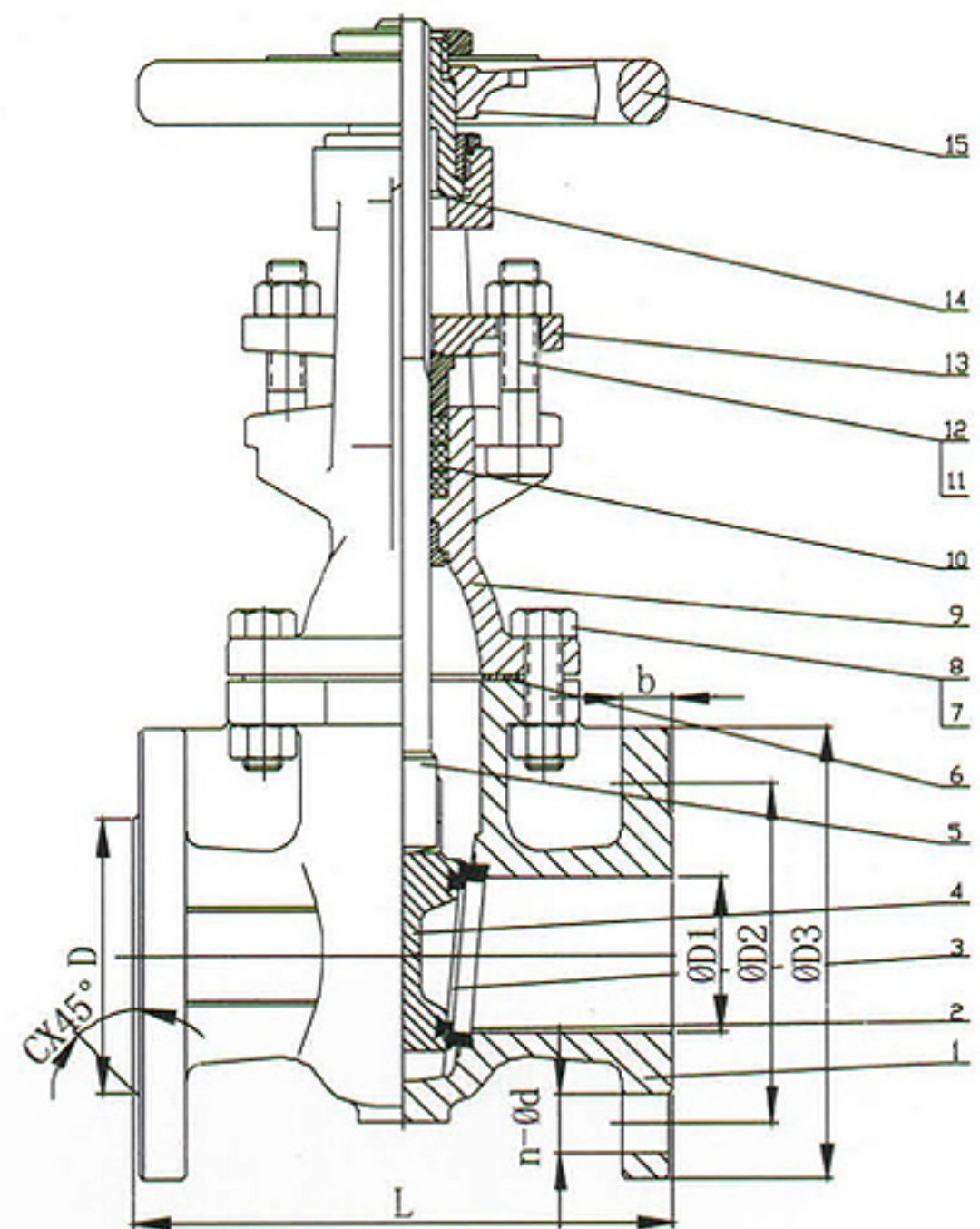
# VALVE

## GATE VALVE (RISING STEM) CLASS150

- Flange dimensions conform to ANSI B16.5
- Face to face dimensions conform to ANSIB16.10

### Component

NO	PART NAME	MATERIAL
1	Body	Ductile iron
2	Body seat	Bronze, brass
3	Wedge seat	Bronze, brass
4	Wedge	Ductile iron
5	Stem	Stainless steel
6	Gasket	Graphite
7	Bolts	Carbon steel
8	Nuts	Carbon steel
9	Bonnet	Ductile iron
10	Packing	Graphite
11	Bolts	Carbon steel
12	Nuts	Carbon steel
13	Gland follower	Ductile iron
14	Stem nut	Bronze, brass
15	Hand wheel	Carbon steel, ductile iron



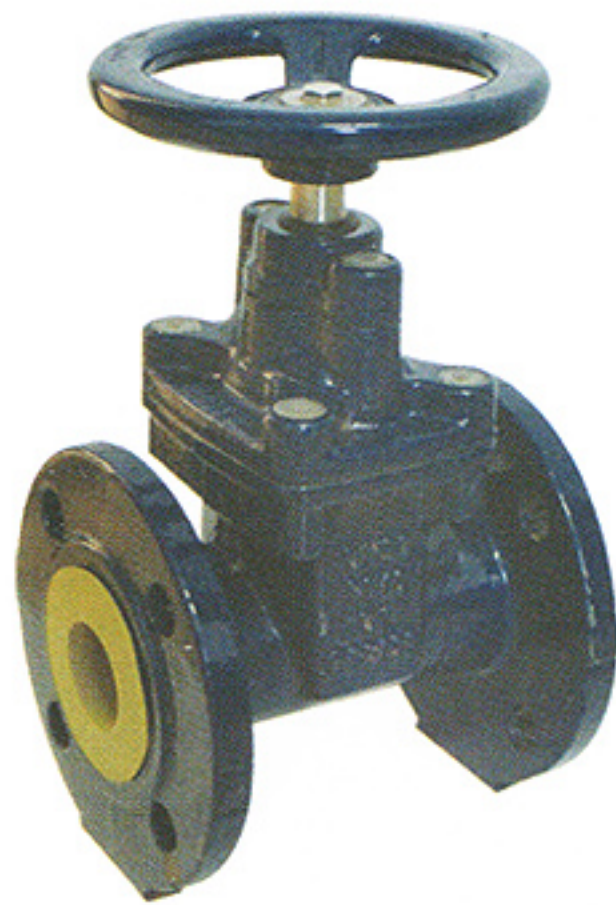
### Dimensions(unit: mm)

DN	L	D1	D2	D3	b	n-d
50	178	92	120.7	152	15.8	4-19
65	190	105	139.7	177.8	17.5	4-19
80	203	127	152.4	190.5	19	4-19
100	229	157	190.5	228	23.9	8-19
125	254	186	215.9	254	24	8-22
150	267	216	241.3	279.4	25.5	8-22
200	292	270	298.5	342.9	28.5	8-22
250	330	324	362	406.4	30	12-25
300	356	381	431.8	482.6	32	12-25

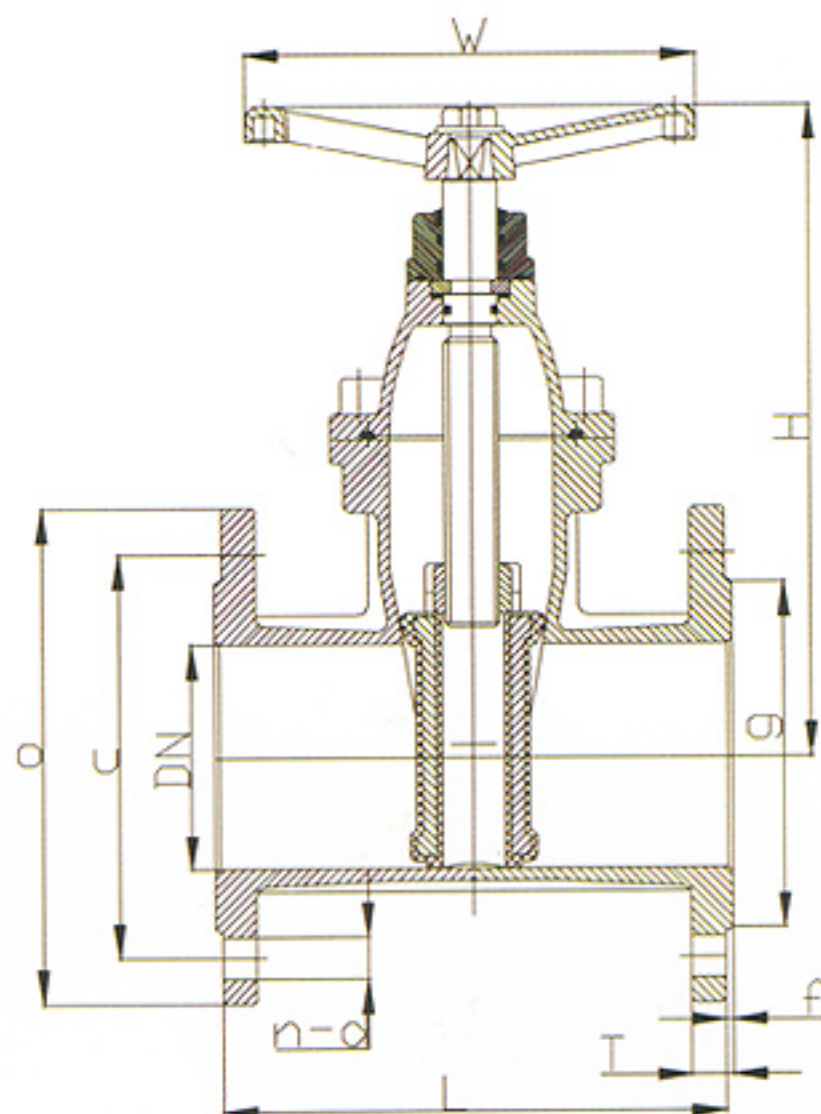


# VALVE

## RESILIENT SEAT GATE VALVE (NON-RISING STEM) BS5163



- Design and manufacture conform to BS5163
- Flange dimensions conform to EN1092-2
- Face to face dimensions conform to BS5150 & BS5163 PN16



### Component

PART NAME	MATERIAL
Body	Ductile iron
Wedge	Ductile iron+EPDM
Bonnet	Ductile iron
Stem	Stainless steel
Stem nut	Brass
Handwheel	Cast iron
O ring	EPDM/BUNA
Bolt	Steel

### Dimensions(unit: mm)

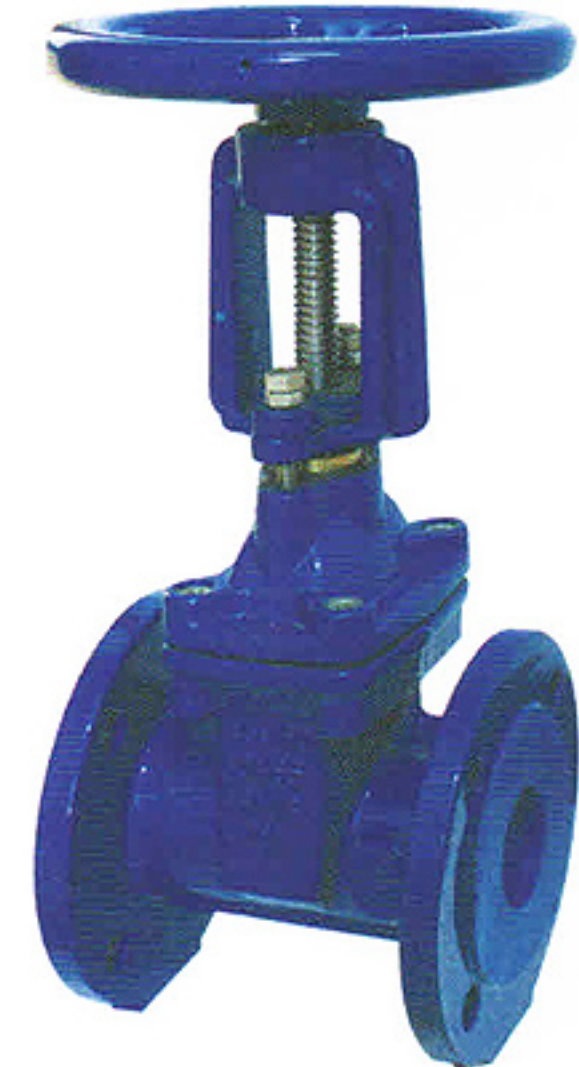
DN	L	H	W	O	C	g	f	T	n-d
50	178	210	160	165	125	99	3	19	4-19
65	190	237	200	185	145	118	3	19	4-19
80	203	274	200	200	160	132	3	19	8-19
100	229	300	200	220	180	156	3	19	8-19
125	254	364	250	250	210	184	3	19	8-19
150	267	404	250	285	240	211	3	19	8-23
200	292	497	320	340	295	265	3	20	12-23
250	330	590	370	400	355	319	3	22	12-28
300	356	667	370	455	410	370	4	24.5	12-28
350	381	882	450	520	470	429	4	26.5	16-28
400	406	956	450	580	525	480	4	28	16-31
450	432	1027	640	640	585	548	4	30	20-31
500	457	1106	640	715	650	609	4	31.5	20-34
600	508	1258	640	840	770	720	5	36	20-37



# VALVE

## RESILIENT SEAT GATE VALVE (RISING STEM) BS5163

- Design and manufacture conform to BS5163
- Flange dimensions conform to EN1092-2
- Face to face dimensions conform to BS5150 & BS5163 PN16

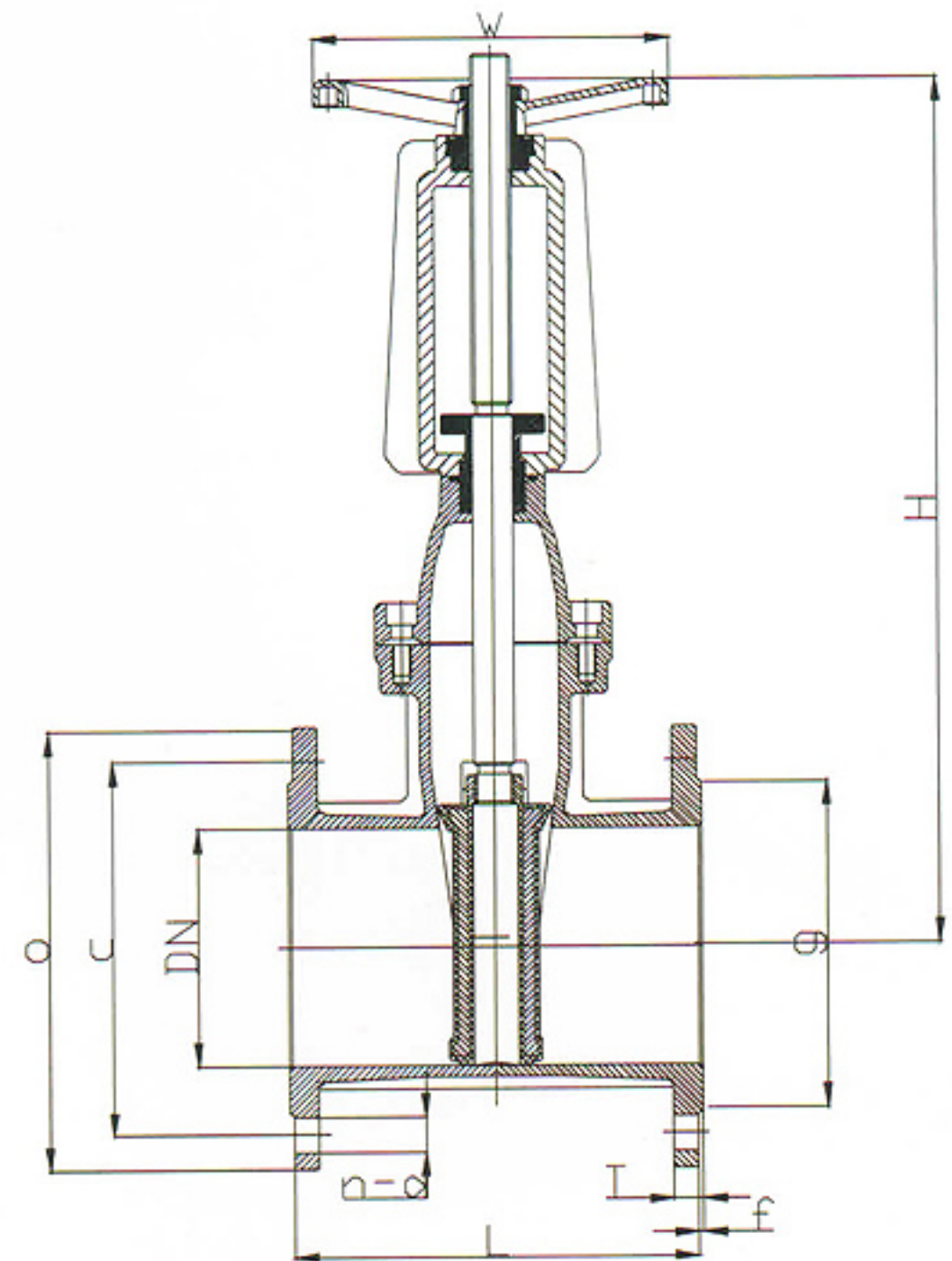


### Component

PART NAME	MATERIAL
Body	Ductile iron
Wedge	Ductile iron+EPDM
Bonnet	Ductile iron
Stem	Stainless steel
Stem nut	Brass
Handwheel	Cast iron
O ring	EPDM/BUNA
Bolt	Steel

### Dimensions(unit: mm)

DN	L	H	W	O	C	g	f	T	n-d
50	178	312	180	165	125	99	3	19	4-19
65	190	337	180	185	145	118	3	19	4-19
80	203	403	200	200	160	132	3	19	8-19
100	229	434	200	220	180	156	3	19	8-19
125	254	536	250	250	210	184	3	19	8-19
150	267	577	250	285	240	211	3	19	8-23
200	292	630	320	340	295	265	3	20	12-23
250	330	862	380	400	355	319	3	22	12-28
300	356	991	380	455	410	370	4	24.5	12-28





# VALVE

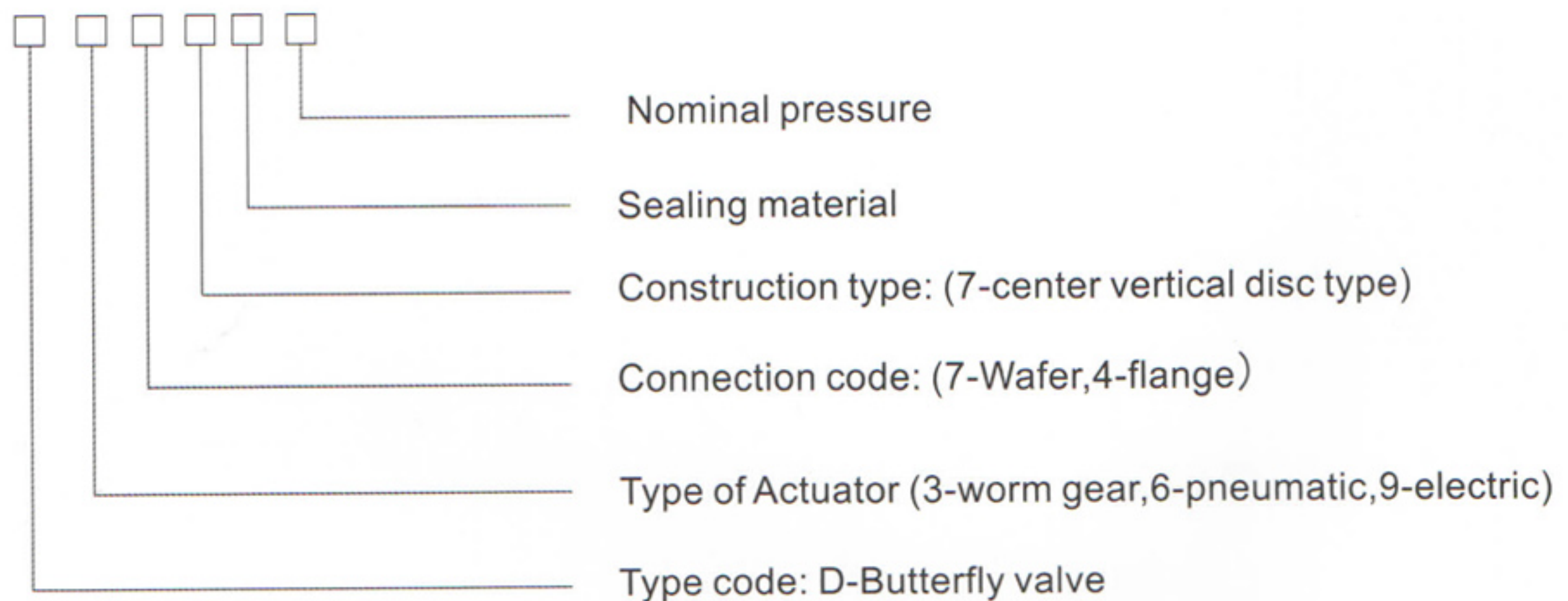
## BUTTERFLY VALVE

3  
Wafer Butterfly Valve D 6 71-1.0 1.6  
9

### Performance data

Nominal Diameter(mm)		800	900-1000	120-1600
Nominal Pressure(Mpa)		1.6	1.0	0.6
Testing Pressure (Mpa)	Strength	2.4	1.5	0.9
	Sealing	1.76	1.1	0.66
Working Temperature		Normal-45°C-130°C Special 200°C(Instantaneous)		
Suitable Medium		Fresh water, Waste water, Sea water, Vapour, Gas, Oils, Acid and Alkaline		
Type of Actuator		Hand,Electric,Pneumatic,Hydraulic drive		

### Meanings of type



### Material of main parts

Body	Disc	Stem	Bushing	Seat	Pin	"O"Ring
Grey cast iron	Ductile cast iron	Stainless steel	Lubricated Bronze	EPDM	Stainless steel	EPDM
ASTM 126	ASTMA536	ASTM	ASTM B438	BUNA	ASTM	BUNA
BS1452	65-45-12	A433 SS316	PTFE	Neoprene	A433 SS 316	
DN1691	Bronze	SS416	(Taflon)	PTFE	SS410	
GB12226-89	ASTM B148	Carbon steel		Food glue		
Ductile cast iron	C954					
CF8 SS304	Stainless steel					
CF8M SS316	ASTM A351					
	CF8M SS316					
	CF8 SS304					
	GB12238-89					



# VALVE

## Permitted using temperature for sealing rubber

Rubber code	(NR)	(JIR)	(BUNA)	(CR)	(EPDM)	(SI)	(FIPM)	Chla-alcohol		F <sub>4</sub>
	Natural-P	Buta-D1	Buta-D	Chlo-L	Levu-Y	Silicon-G	Fluorine-F	F <sub>1</sub>	F <sub>2</sub>	
High-temperature resistance	70	100	100	100	120	250	230	100	100	200
Low-temperature resistance	-50	-40	-20	-40	-40	-100	-10	-30	-30	-50

## Recommended selecting table for sealing rubber

Name	Temperature	P	D1	D	L	Y	G	F	F1	F2	F4
Sea water	90	-	A	A	A	A	-	-	A	A	A
Underground water	RT	A	A	A	A	A	-	-	A	A	A
Hot spring water	90	-	A	A	A	A	-	-	-	-	A
Vapour	155	-	-	-	-	-	A	A	-	-	A
Ammonia water(30%)	RT	A	-	A	A	A	-	-	-	-	A
Ammonia gas	RT	A	-	-	A	A	-	-	-	-	A
Hydrochloric acid(10%)	RT	A	A	A	A	A	-	-	A	A	A
Dry chlorine gas	RT	-	-	-	-	-	-	A	-	-	A
Wet chlorine gas	RT	-	-	-	-	-	-	B	-	-	A
Nitric acid(10%)	RT	-	-	B	A	-	-	A	-	-	A
Sulphuric acid (10%)	RT	-	A	-	A	A	-	A	-	-	A
Sulphuric acid (30%)	RT	-	-	-	A	A	-	A	-	-	A
Alcohol	RT	A	A	A	A	A	-	A	-	-	A
Sodium 50%)	RT	A	A	A	A	A	-	A	A	A	A
Lubricate oil	70°C	-	-	A	-	-	-	A	A	A	A
Fuel oil	RT	-	-	A	-	-	-	A	A	A	A
Heavy oil	RT	-	-	A	-	-	-	A	A	A	A
Gasoline	RT	-	-	-	-	-	-	A	-	-	A
Tar	RT	-	-	-	-	-	-	A	-	-	A
Oxygen	RT	-	-	-	-	-	-	A	-	-	A
CO2 gas	RT	A	A	A	A	A	-	-	A	A	A
Natural gas	RT	-	-	A	A	-	-	A	-	-	A
Coking coal gas	RT	-	-	-	-	-	-	A	-	-	A
Food and drink	RT	A	A	-	A	-	A	-	-	-	-

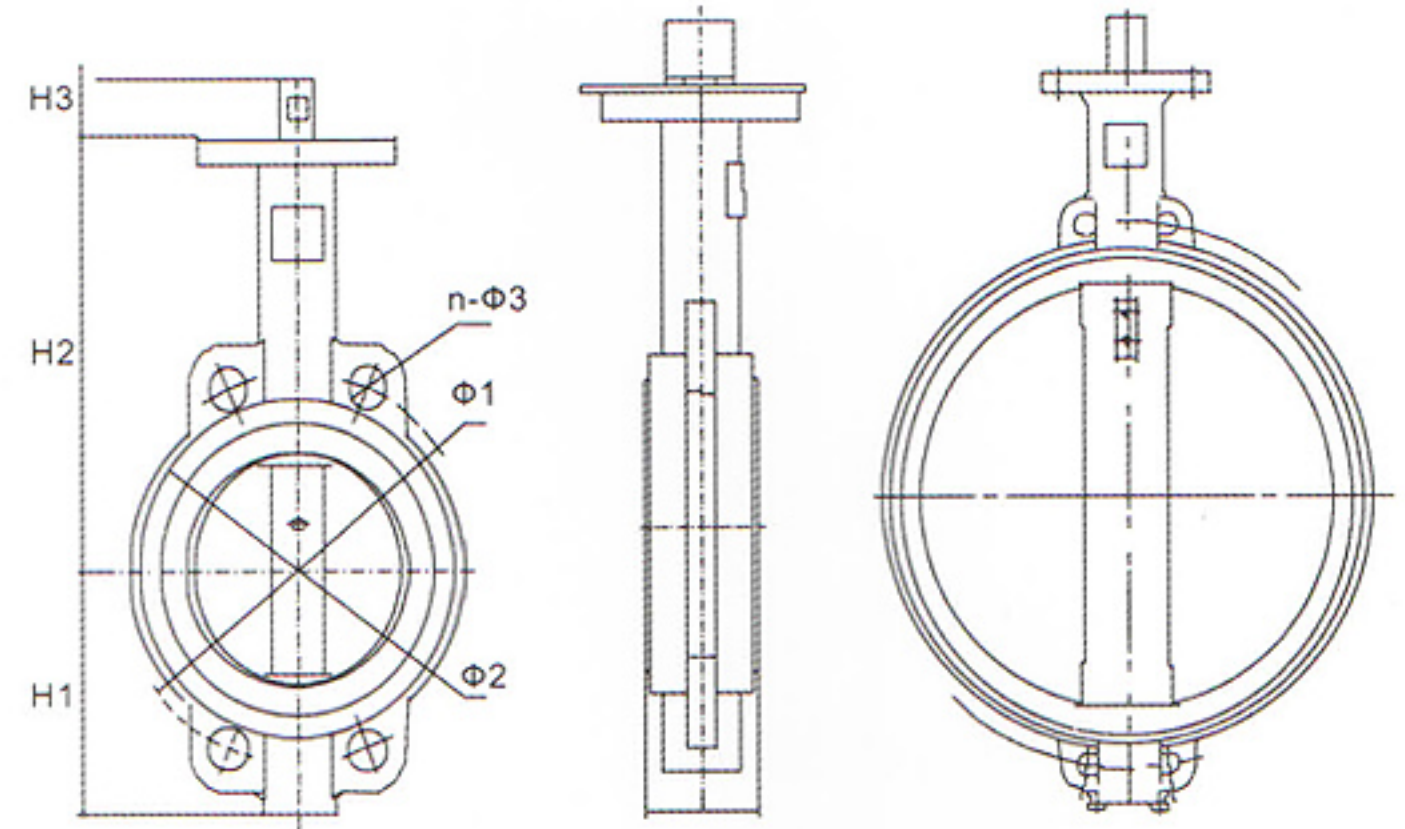
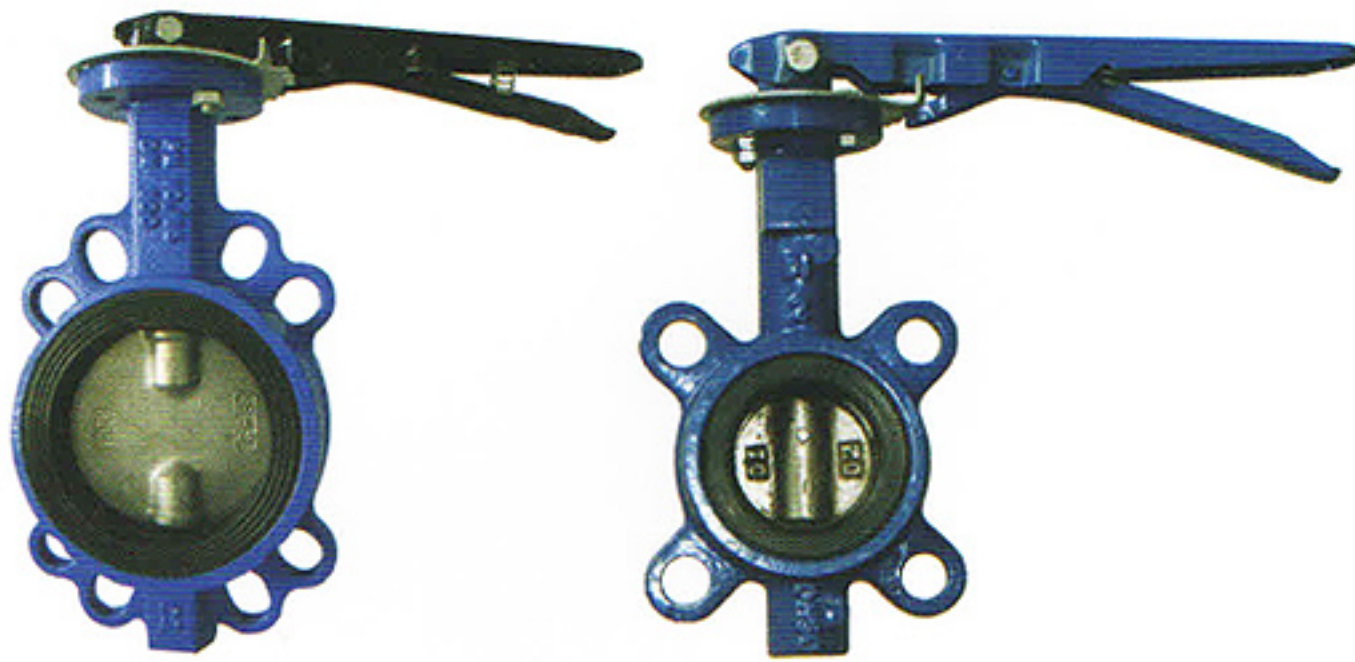
### Note

RT Atmospheric temperature, A Recommended use, B selected use depend upon condition, "-" Recommended no selecting use. It is only the major rubber variety of our LTD products in above table (The space item is only for references). If you will select other rubber Variety, please discuss with us face to face.



# VALVE

## A TYPE BUTTERFLY VALVE



DN50( 2")-DN300(12")      DN350(14"-40")

### Outline and connection dimension

Size		H1	H2	H3	L	$\phi 1$					$\phi 2$	n- $\phi 3$
mm	inch					ANSI B16.1	GB9119-88	ISO2084	BS4504	DIN		
50	2"	70	130	32	45	120.65	125	125	125	125	88	4- $\phi 18/19$
65	2 1/2"	80	134	32	48	139.7	145	145	145	145	108	4- $\phi 18/19$
80	3"	95	146	32	49	152.4	160	160	160	160	118	4- $\phi 18/19$
100	4"	114	167	32	55	190.5	180	180	180	180	156	4- $\phi 18/19$
125	5"	122	180	32	58	215.9	210	210	210	210	181	4- $\phi 18/22.4$
150	6"	135	195	32	59	241.3	240	240	240	240	210	4- $\phi 22/22.4$
200	8"	165	240	39	64	298.45	295	295	295	295	260	4- $\phi 22/22.4$
250	10"	203	274	39	70	361.95	350/355	350/355	350/355	350/355	321	4- $\phi 22/25.4$
300	12"	237	307	39	80	431.8	400/410	400/410	400/410	400/410	384	4- $\phi 22/25.4$
350	14"	267	368	45	80	476.25	460/470	460/470	460/470	460/470	400	4- $\phi 22/28.4$
400	16"	298	400	51	90	539.75	515/525	515/525	515/525	515/525	465	4- $\phi 22/28.4$
450	18"	318	422	51	109	577.85	565/585	565/585	565/585	565/585	514	4- $\phi 26/31.8$
500	20"	349	479	64	135	635	620/650	620/650	620/650	620/650	559	4- $\phi 26/31.8$
600	24"	410	562	71	156	749.3	725/770	725/770	725/770	725/770	686	4- $\phi 30/35.1$
700	28"	520	624	72	169		840	840	840	840	795	4- $\phi 30$
800	32"	591	672	83	195	977.9	950	950	950	950	900	4- $\phi 30/41.1$
900	36"	611	768	77	211	1086	1050	1050	1050	1050	1002	4- $\phi 33/28-\phi 41$
1000	40"	665	823	85	229		1160	1160	1160	1160	1111	4- $\phi 36$
1200	48"	955	880	206	249		1380					28- $\phi 39$
1400	56"	991	1015	226	390		1590					36- $\phi 42$
1600	64"	1116	1145	199	457		1820					36- $\phi 48$

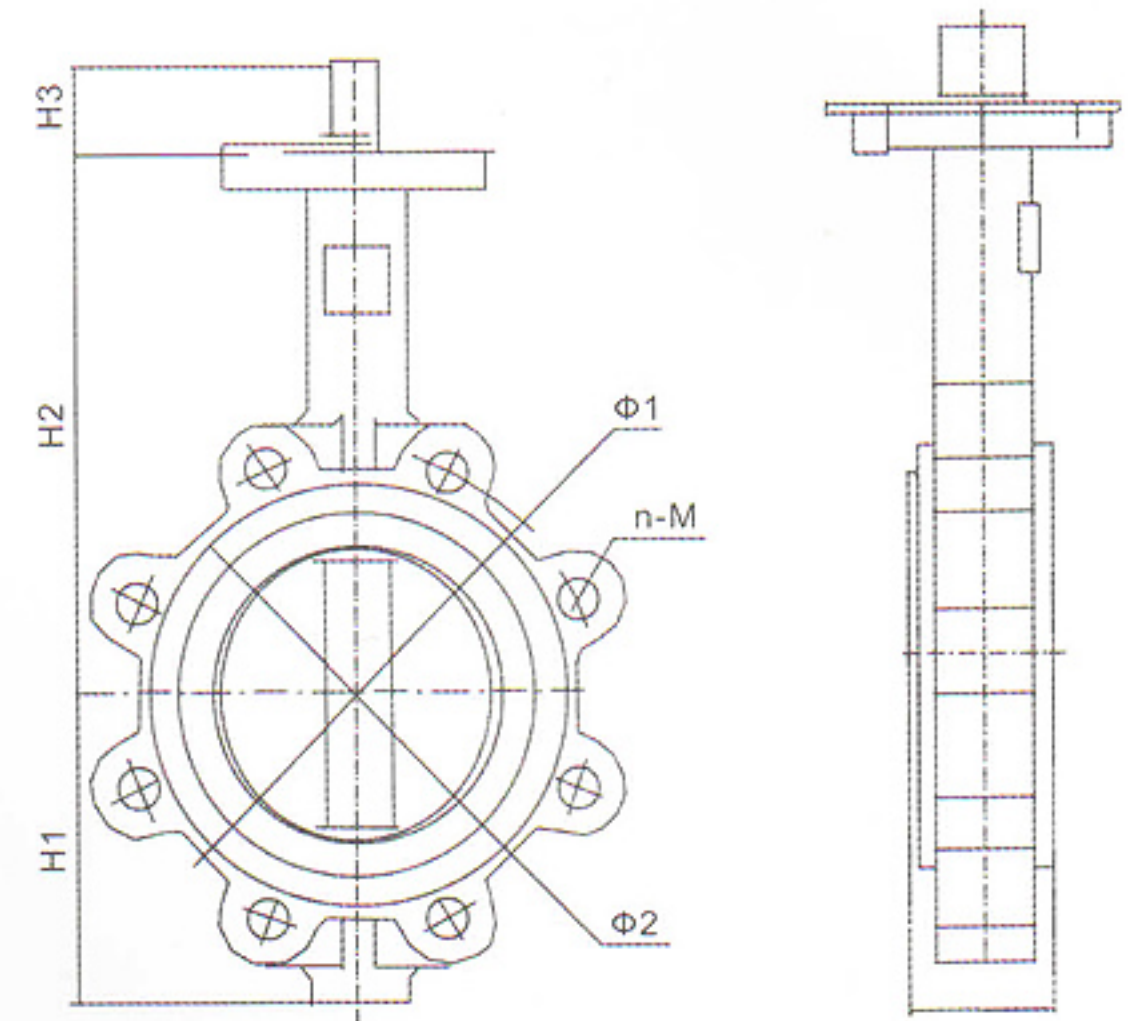
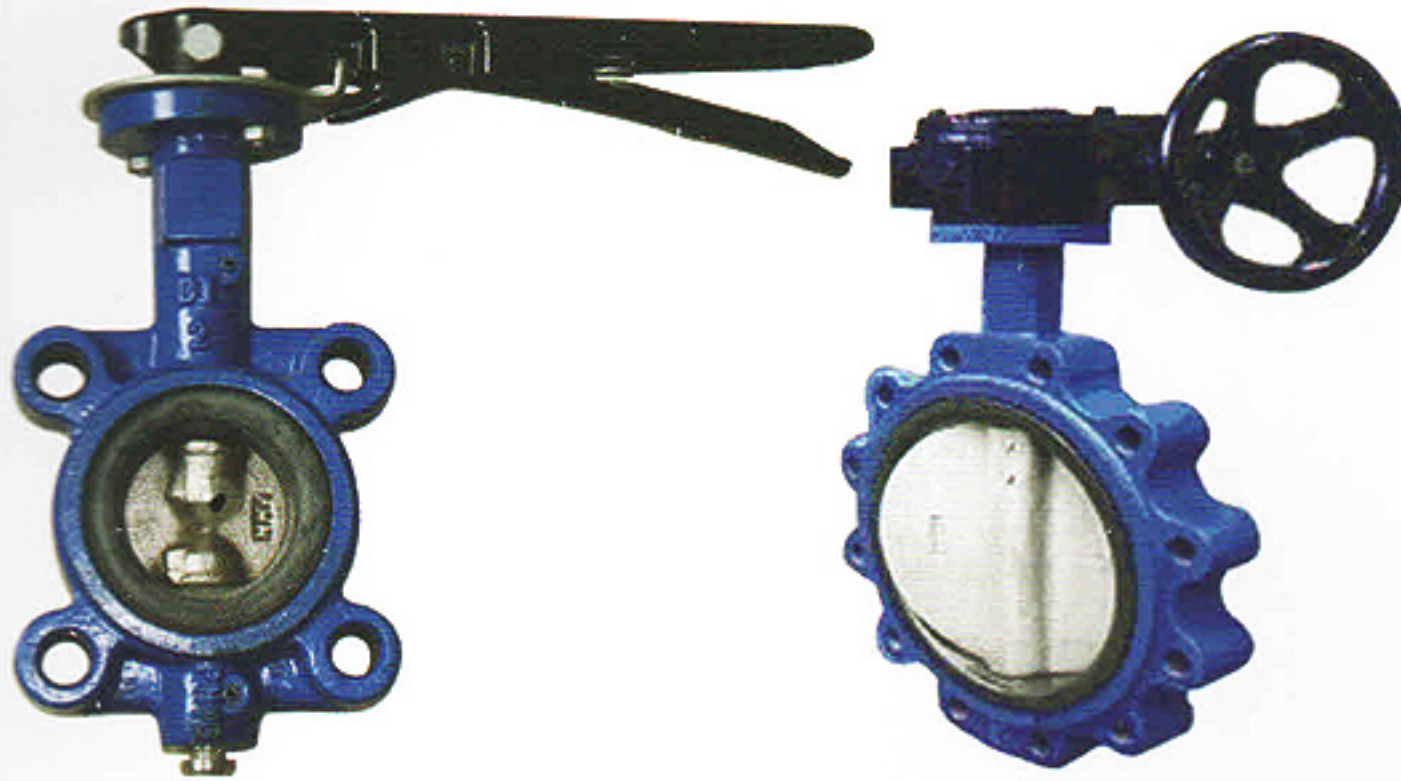
### Note

1. The numerator of 1 item is 1.0Mpa, The denominator is 1.6Mpa
2. The numerator n- $\phi 3$  item is GB92119-88,ISO2084,BS4504,1.0Mpa is of DIN standard system. The denominator is the dimension of ANSI B16.1
3. The H2, dimensions may be changed into lengthened stem butterfly valve.



# VALVE

## LT TYPE BUTTERFLY VALVE



### Outline and connection dimension

Size		H1	H2	H3	L	φ1					φ2	n-M
mm	inch					ANSI B16.1	GB9119-88	ISO2084	BS4504	DIN		
50	2"	70	130	32	45	120.65	125	125	125	125	95	4-5/8"-11
65	2 1/2"	80	134	32	48	139.7	145	145	145	145	121	4-5/8"-11
80	3"	95	146	32	49	152.4	160	160	160	160	133	4-5/8"-11
100	4"	114	167	32	55	190.5	180	180	180	180	159	(8-5/8"-11)
125	5"	122	180	32	58	215.9	210	210	210	210	191	8-3/4"-10
150	6"	135	195	32	59	241.3	240	240	240	240	206	8-3/4"-10
200	8"	165	240	39	64	298.45	295	295	295	295	262	8-3/4"-10
250	10"	203	274	39	70	361.95	350/356	350/357	350/358	350/359	321	12-7/8"-9
300	12"	237	307	39	80	431.8	400/411	400/412	400/413	400/414	384	12-7/8"-9
350	14"	279	368	45	80	476.26	460/471	460/472	460/473	460/474	400	12-1"-8
400	16"	304	400	51	90	539.75	515/526	515/527	515/528	515/529	465	16-1"-8
450	18"	362	422	51	109	577.85	565/586	565/587	565/588	565/589	514	16-11/8"-7
500	20"	368	479	64	135	635	620/651	620/652	620/652	620/654	577	20-11/8"-7
600	24"	444	562	71	156	749.3	725/771	725/772	725/773	725/774	686	20-11/4"-7
750	30"	621	648	72	175	914.5					851	28-11/4"-7
900	36"	623	683	77	211	1086					977	32-11/2"-6

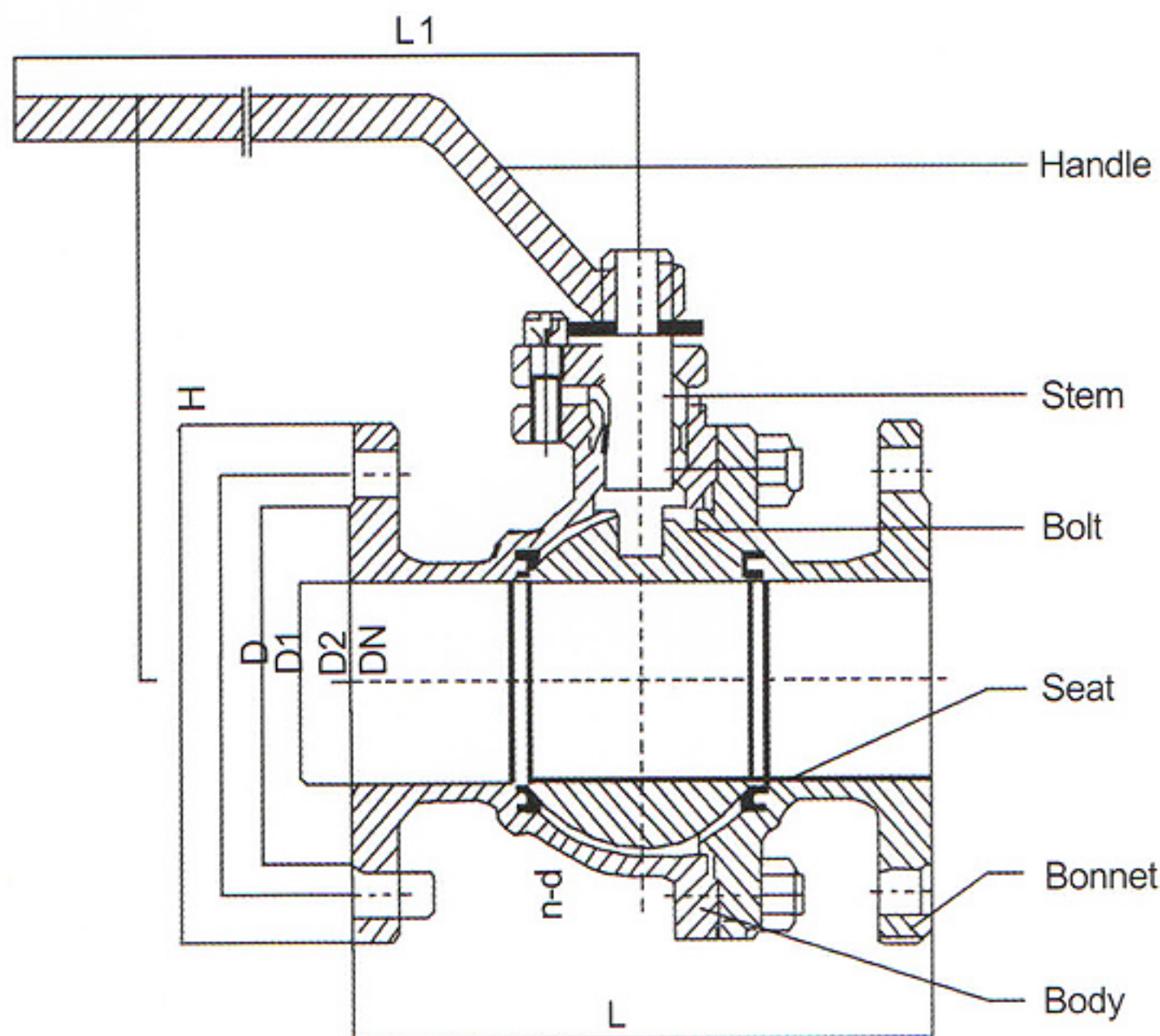
### Note

1. The numerator is 1.0Mpa, The denominator is 1.6Mpa
2. The dimension may be changed into lengthened bar butterfly valve according of user's demand.



# VALVE

## BALL VALVE JIS10K

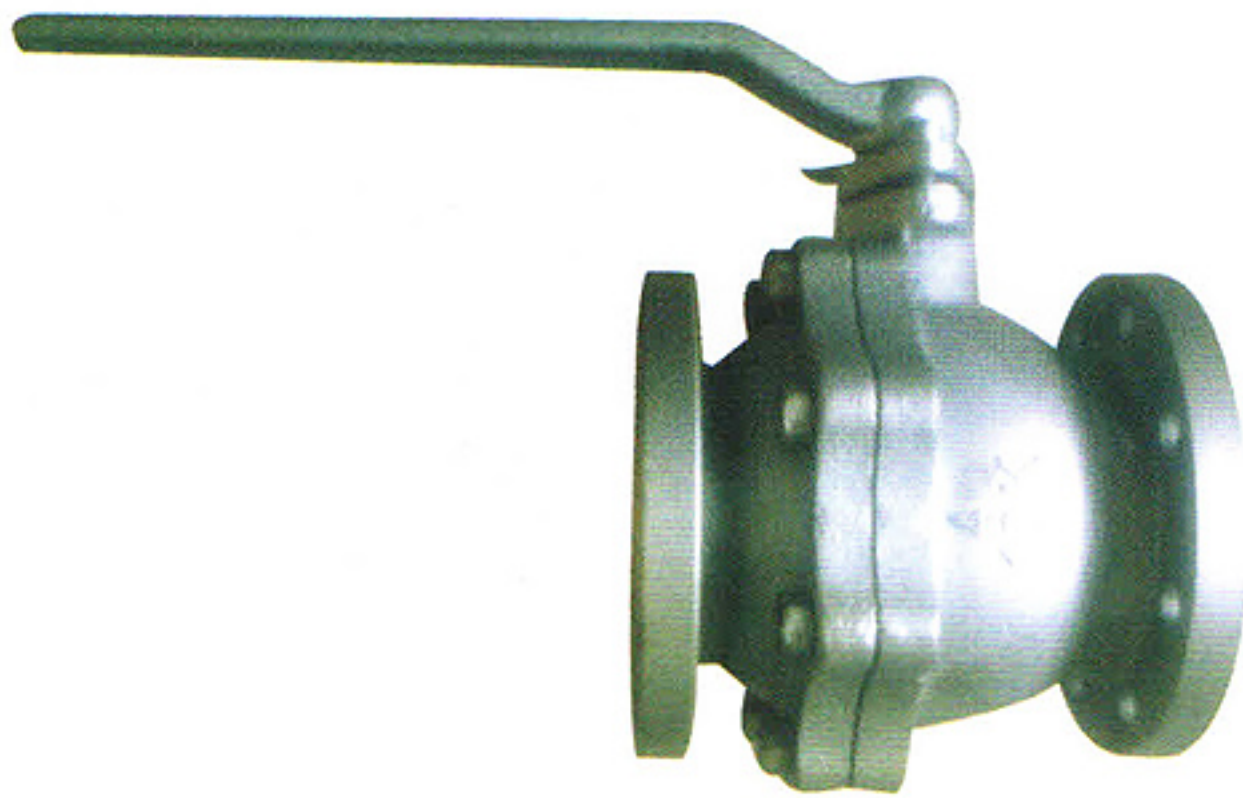


### Test

Working pressure	10K
Shell pressure	21.1kg/m <sup>2</sup>
Seat pressure	15.0kg/m <sup>2</sup>

### Component

Body	Cast iron or ductile iron
Disc	Stainless steel
Seat	PTFE
Stem	Stainless steel



### Dimensions(unit: mm)

DN	50	65	80	100	125	150	200	250
L	183	190	203	229	356	394	457	533
H	120	153	180	210	211	290	340	460
D	155	178	185	210	325	270	343	406

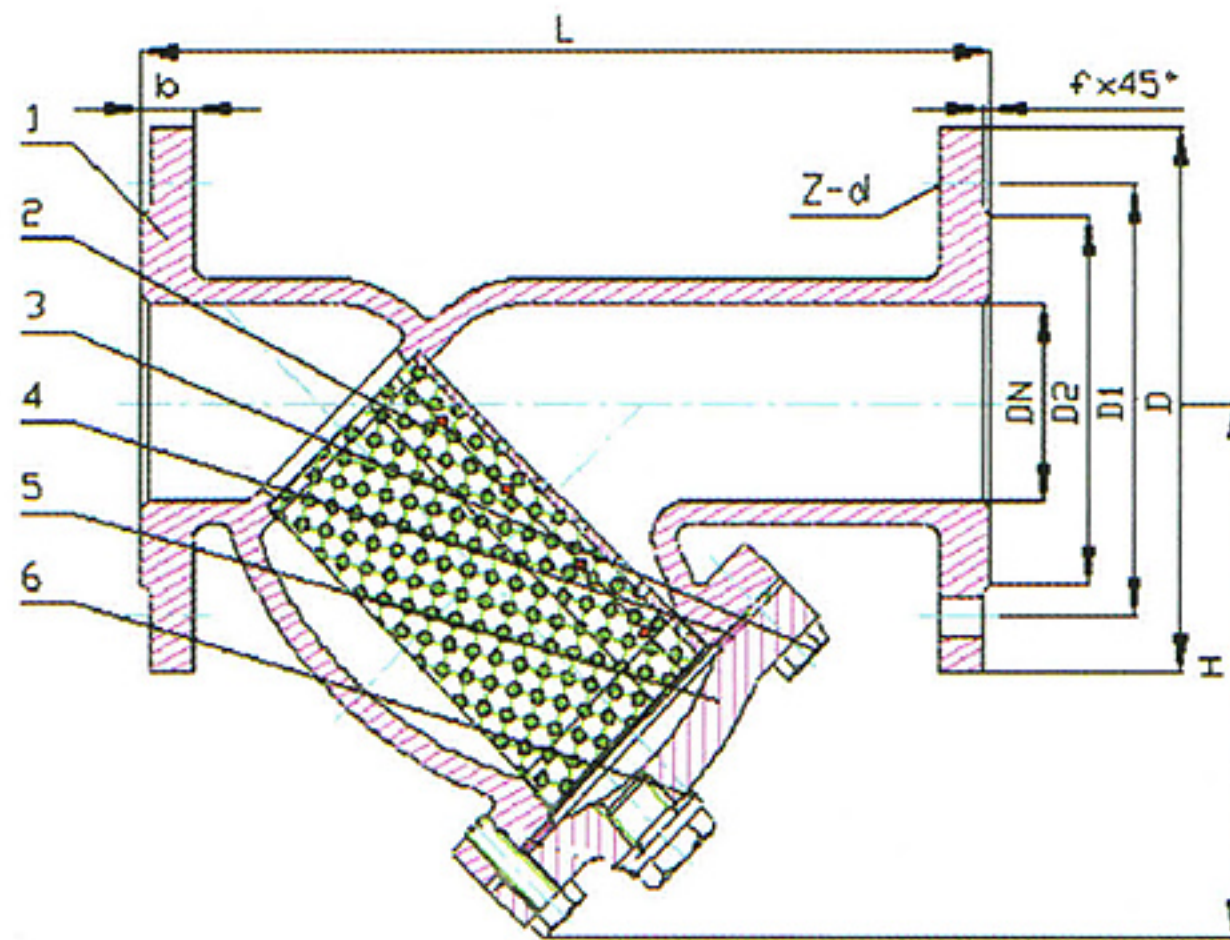


# VALVE

## DUCTILE IRON STRAINER PN25



- Flange dimensions conform to EN1092-2
- Testing conform to BS6755
- The hole dimension of screen can be as per the customer's requirement.



### Component

NO	PART NAME	MATERIAL
1	Body	Ductile Iron
2	Screen	SS304
3	Bolt	Carbon Steel
4	Bonnet	Ductile Iron
5	Gasket	EPDM, BUNA or Graphite
6	Plug	Malleable iron

### Dimensions(unit: mm)

DN	L	D	D1	D2	b	f	n-d
50	220	165	125	99	20	3	4-19
65	273	185	145	118	20	3	8-19
80	292	200	160	132	22	3	8-19
100	352	235	190	156	24	3	8-23
125	416	270	220	184	26	3	8-28
150	470	300	250	211	26	3	8-28
200	543	360	310	274	30	3	12-28
250	660	425	370	330	32	3	12-31
300	762	485	430	389	32	4	16-31
350	980	555	490	448	36	4	16-34
400	1100	620	550	503	38	4	16-37
450	1200	670	600	548	40	4	20-37



# VALVE

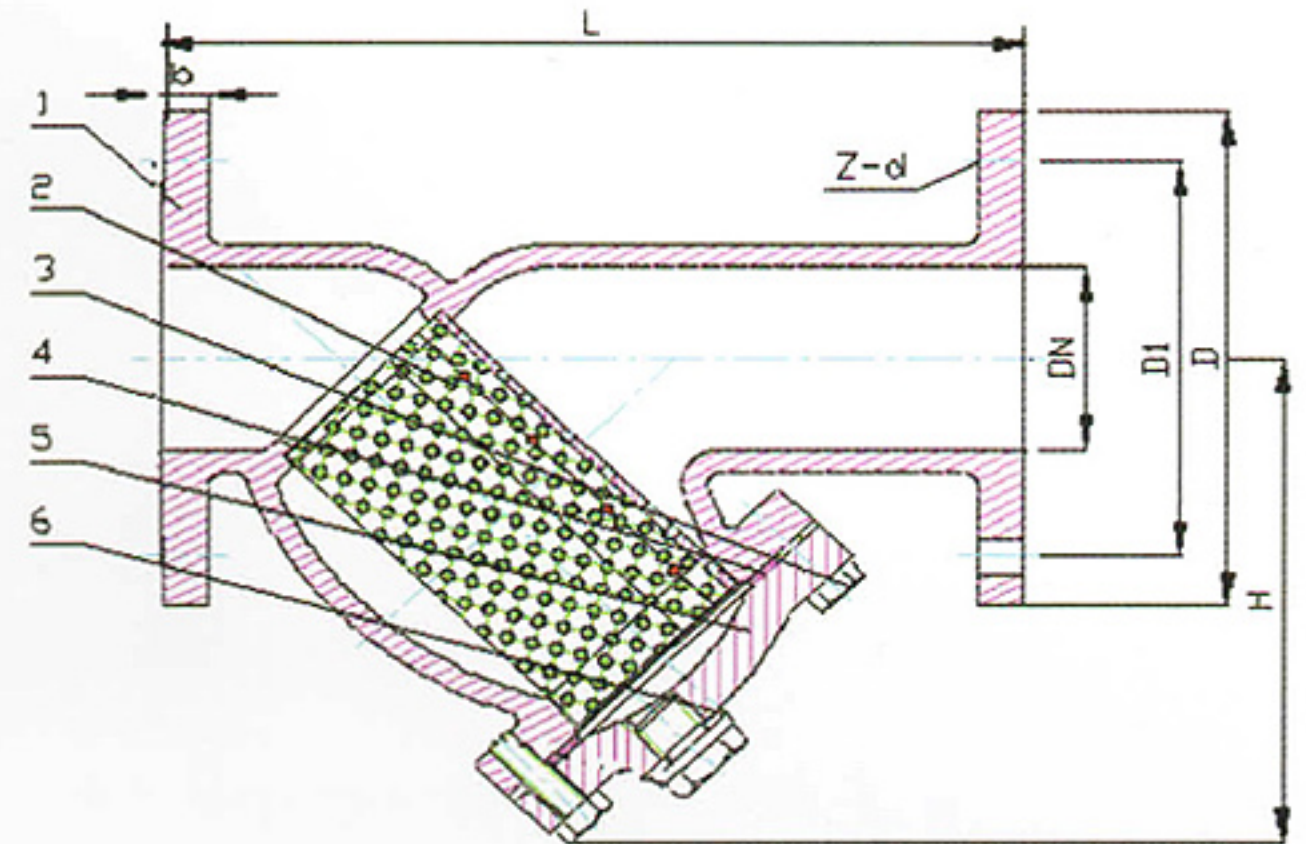
## CAST IRON STEAINER CLASS125



- Flange dimensions conform to ANSI B16.1
- The hole dimension of screen can be as per the customer's requirement.

### Component

NO	PART NAME	MATERIAL
1	Body	Cast Iron
2	Screen	SS304
3	Bolt	Carbon Steel
4	Bonnet	Cast Iron
5	Gasket	EPDM, BUNA or Graphite
6	Plug	Cast Iron, Malleable iron



### Dimensions(unit: mm)

DN	L	D	D1	b	n-d
50	225	152	121	15.8	4-19
65	273	178	139.5	17.5	4-19
80	292	190	152.5	19	4-19
100	352	228	190.5	24	8-19
125	416	254	215.9	24	8-22.4
150	470	279	241.5	25.4	8-22.4
200	543	342	298.5	28.5	8-22.4
250	660	406	362	30	12-25.4
300	762	483	432	31.8	12-25.4
350	980	520	476	35	12-29
400	1100	580	539.5	36.6	16-29
450	1200	640	578	39.6	16-32

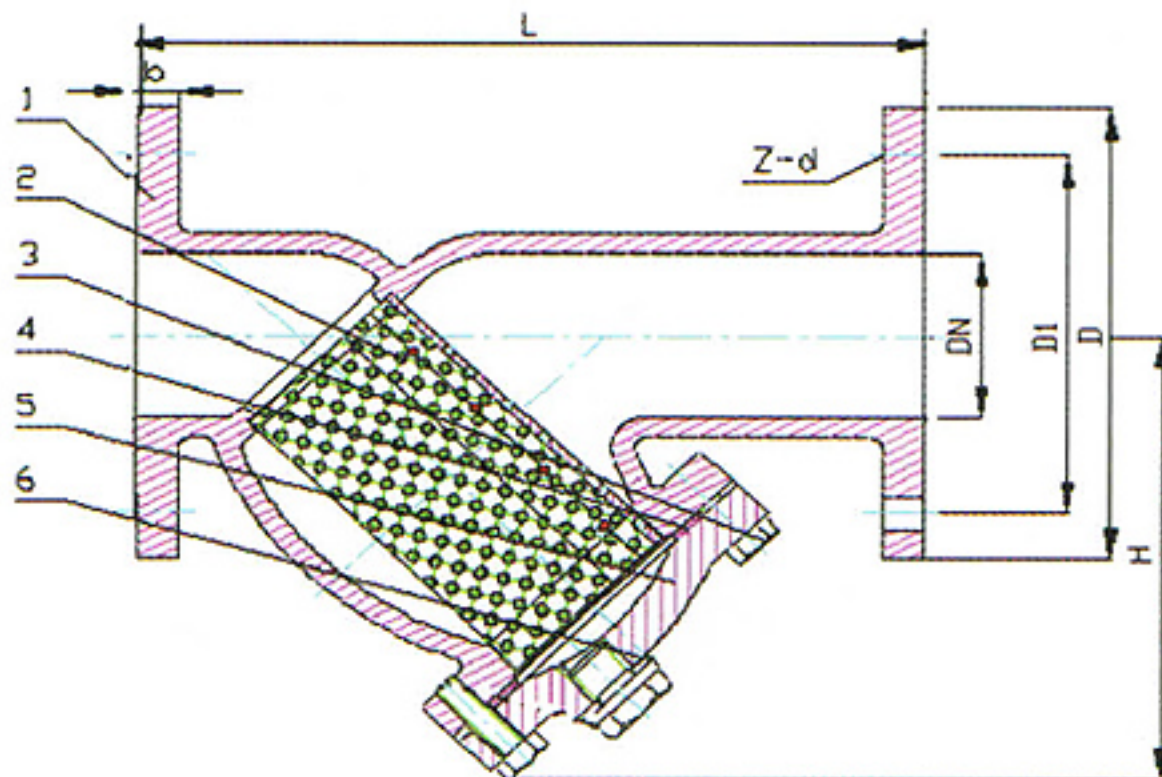


# VALVE

## DUCTILE IRON STRAINER CLASS150



- Flange dimensions conform to ANSI B16.1
- The hole dimension of screen can be as per the customer's requirement.



### Component

NO	PART NAME	MATERIAL
1	Body	Ductile Iron
2	Screen	SS304
3	Bolt	Carbon Steel
4	Bonnet	Ductile Iron
5	Gasket	EPDM, BUNA or Graphite
6	Plug	Malleable iron

### Dimensions(unit: mm)

DN	L	D	D1	b	n-d
50	225	152	121	19.1	4-19
65	273	178	139.5	22.4	4-19
80	292	190	152.5	23.9	4-19
100	352	228	190.5	23.9	8-19
125	416	254	215.9	23.9	8-22.4
150	470	279	241.5	25.4	8-22.4
200	543	342	298.5	28.5	8-22.4
250	660	406	362	30.2	12-25.4
300	762	483	432	31.8	12-25.4
350	980	520	476	35	12-29
400	1100	580	539.5	36.6	16-29
450	1200	640	578	39.6	16-32



# VALVE

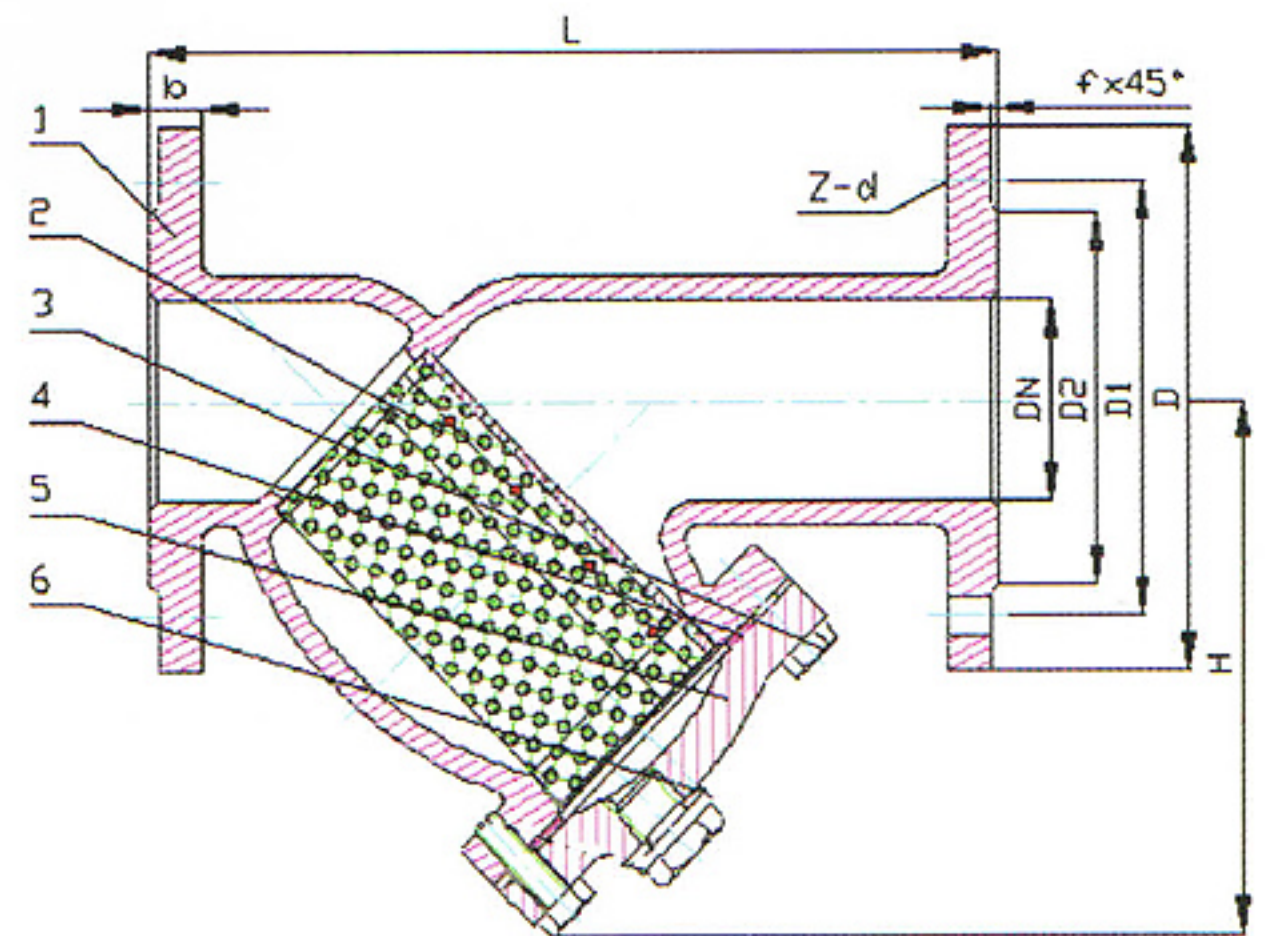
## DIN Y STRAINER



- Flange dimensions conform to DIN2532/2533
- The hole dimension of screen can be as per the customer's requirement.

### Component

NO	PART NAME	MATERIAL
1	Body	Cast Iron, Ductile Iron
2	Screen	SS304
3	Bolt	Carbon Steel
4	Bonnet	Cast Iron, Ductile Iron
5	Gasket	EPDM, BUNA or Graphite
6	Plug	Cast Iron, Malleable iron



### Dimensions(unit: mm)

DN	L	D	D1	D2	b	f	n-d
50	230	165	125	102	20	3	4-18
65	290	185	145	122	20	3	4-18
80	310	200	160	138	22	3	8-18
100	350	220	180	158	24	3	8-18
125	400	250	210	188	26	3	8-18
150	480	285	240	212	26	3	8-22
200	600	340	295	268	30	3	12-22
250	730	405	355	320	32	3	12-26
300	850	460	410	378	32	4	12-26

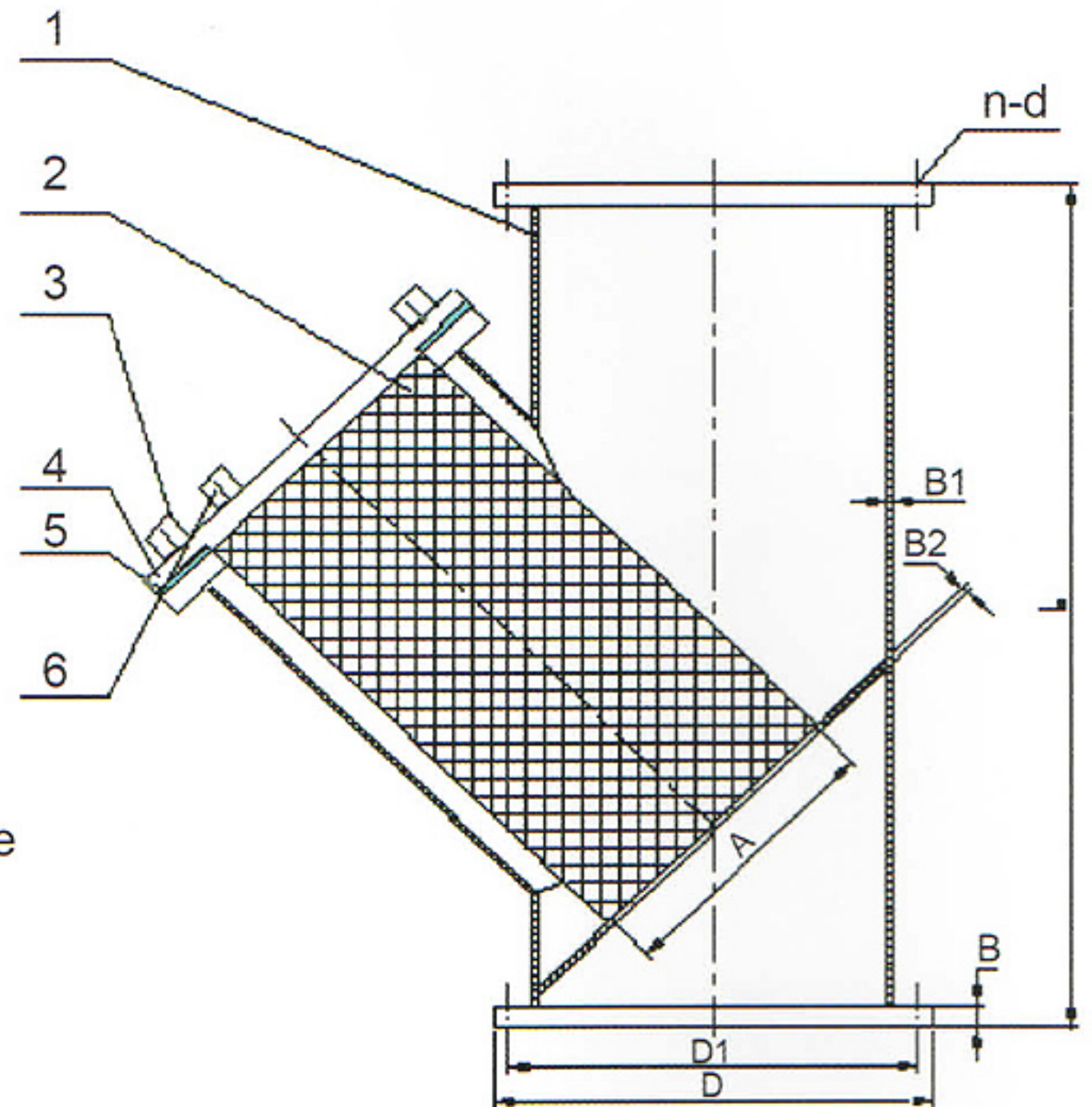
# VALVE

## STRAINER (BS/ANSI CARBON STEEL)

### Component

NO	PART NAME	MATERIAL
1	Body	Carbon Steel
2	Screen	SS304
3	Bolt	Carbon Steel
4	Bonnet	Carbon Steel
5	Gasket	EPDM or Graphite
6	Plug	Carbon Steel

- Flange dimensions conform to EN1092-2
- The hole dimension of screen can be as per the customer's requirement.



### Dimensions(unit: mm)

Size	L	B	B1	B2	φD	φD1	n-d	φA
DN500	1460	42	10	10	715	650	20-34	420
DN600	1680	48	10	12	840	770	20-37	500
DN700	1900	54	10	12	910	840	24-37	560
DN750	2000	56	12	16	970	900	24-37	580
DN800	2100	58	12	16	1025	950	24-41	640
DN900	2300	62	12	16	1125	1050	28-41	740
DN1000	2400	62	12	18	1255	1170	28-44	800

- Flange dimensions conform to ANSI B16.1
- The hole dimension of screen can be as per the customer's requirement.

### Dimensions(unit: mm)

Size	L	B	B1	B2	φD	φD1	n-d	φA
DN500	1460	42	10	10	699	635	20-32	420
DN600	1680	48	10	12	813	749.5	20-35	500
DN750	2000	56	12	16	984	914.5	28-35	580
DN900	2300	62	12	16	1168	1086	32-41	740