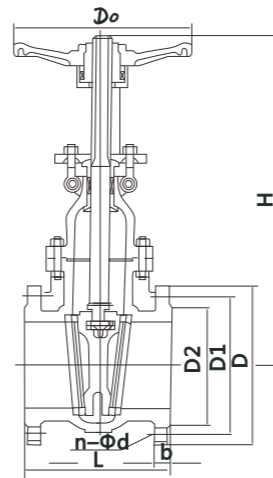


**I. Product Overview**

Flanged steel gate valves are suitable for ANSI Class150~900, PN2.0~ 16.0mpa, JIS10~20K, working temperature -29~425°C (carbon steel) and -40~500°C (stainless steel) For cutting off or connecting the medium in the pipeline. By choosing different materials, Suitable for water, steam, oil, nitric acid, acetic acid, strong oxidizing medium and urea, etcMedium. Manual, bevel gear drive and electric, etc.

**Two, structural characteristics**

- 1, product design and manufacture in line with foreign advanced standards, reliable sealing, excellent performance.
- 2, compact and reasonable structure design, beautiful appearance.
- 3, wedge type elastic gate structure, large diameter set rolling bearing, easy to open and close.
- 4, the valve body material variety is complete, packing, gasket according to the actual working condition or user requirements reasonable selection, Suitable for all kinds of pressure, temperature and medium conditions.
- 5, adopt a variety of domestic and foreign piping flange standards and flange sealing surface type, to meet the needs of various projects and user requirements



**3.Three, the main parts materials**

The name of the	material								
Body/bonnet	CF8	CF3	CF8M	CF3M	WCB	LCB	WC6	WC9	C5
ram	CF8	CF3	CF8M	CF3M	WCB	LCB	WC6	WC9	C5
The valve stem	F304	F304L	F316	F316L	2CR13	F304	F304	F304	F304
Stem nut	Aluminum bronze								
packing	PTFE/ flexible graphite				graphite				
gasket	PTFE/ metal wound pad				graphite				
gland	CF8	CF3	CF8M	CF3M	WCB	LCB	WC6	WC9	C5
bolt	Stainless steel				35CrMoA				
nut	Stainless steel				45、 35CrMoA				
The handwheel	Cast steel								

**4. Main dimensions and connecting dimensions**

Class(150Lb)

specifications	size								
	DN	L	D	D1	D2	b	Z-Φd	H	D0
1/2"	15	108	89	60.5	35	12	4-Φ15	155	120
3/4"	20	117	98	70	43	12	4-Φ15	160	120
1"	25	127	108	79.5	51	12	4-Φ15	200	140
1 1/4"	32	140	117	89	64	13	4-Φ15	245	160
1 1/2"	40	165	127	98.5	73	15	4-Φ15	285	180
2"	50	178	152	120.5	92	16	4-Φ19	315	200
2 1/2"	65	190	178	139.5	105	18	4-Φ19	375	220
3"	80	203	190	152.5	127	19	4-Φ19	400	240
4"	100	229	229	190.5	157	24	8-Φ19	460	280
5"	125	254	254	216	186	24	8-Φ22	540	300
6"	150	267	279	241.5	216	26	8-Φ22	620	320
8"	200	292	343	298.5	270	29	8-Φ22	800	400
10"	250	330	406	362	324	31	12-Φ25	850	450
12"	300	356	483	432	381	32	12-Φ25	1000	500
14"	350	381	533	476	413	35	12-Φ29	1300	600
16"	400	406	597	540	470	37	16-Φ29	1400	600
18"	450	432	635	578	533	40	16-Φ32	1600	650
20"	500	457	398	635	584	43	20-Φ32	1850	650
24"	600	508	813	749.5	692	48	20-Φ35	2200	700

Class(300Lb)

specifications	size								
	DN	L	D	D1	D2	B	Z-Φd	H	H
1/2"	15	140	95	66.5	35	15	4-Φ15	155	120
3/4"	20	152	117	82.5	43	16	4-Φ19	160	120
1"	25	165	124	89	51	18	4-Φ19	200	140
1 1/4"	32	178	133	98.5	64	19	4-Φ19	250	160
1 1/2"	40	190	156	114.5	73	21	4-Φ22	290	180
2"	50	216	165	127	92	22	8-Φ19	330	200
2"	65	241	190	149	105	25	8-Φ22	385	220
3"	80	283	210	168.5	127	29	8-Φ22	410	240
4"	100	305	254	200	157	32	8-Φ22	480	280
5"	125	381	279	235	186	35	8-Φ22	630	300
6"	150	403	318	270	216	37	12-Φ22	690	320
8"	200	419	381	330	270	41	12-Φ25	830	400
10"	250	457	445	387.5	324	48	16-Φ29	1003	450
12"	300	502	521	451	381	51	16-Φ32	1137	500
14"	350	762	584	514.5	413	54	20-Φ32	1489	600
16"	400	838	648	571.5	470	57	20-Φ35	1581	600
18"	450	914	711	628.5	533	60	24-Φ35	2017	650
20"	500	991	775	686	584	64	24-Φ35	2228	650
24"	600	1143	914	813	692	70	24-Φ41	2650	700

Class(600Lb)

specifications	size								
	DN	L	D	D1	D2	B	Z-Φd	H	H
1/2"	15	165	95	66.5	35	15	4-Φ15	155	155
3/4"	20	190	118	82.5	43	16	4-Φ19	160	160
1"	25	216	124	89	51	18	4-Φ19	200	200
1 1/4"	32	229	133	98.5	64	21	4-Φ19	250	250
1 1/2"	40	241	156	114.5	73	23	4-Φ22	290	290
2"	50	292	165	127	92	26	8-Φ19	350	350
2 1/2"	65	330	190	149	105	29	8-Φ22	430	430
3"	80	356	210	168	127	32	8-Φ22	470	470
4"	100	432	273	216	157	38	8-Φ25	570	570
5"	125	508	330	266.5	186	45	8-Φ29	700	700
6"	150	559	356	292	216	48	12-Φ29	750	750
8"	200	660	419	349	270	56	12-Φ32	830	830
10"	250	787	508	432	324	64	16-Φ35	1210	1210
12"	300	838	559	489	381	67	20-Φ35	1350	1350
14"	350	889	603	527	413	70	20-Φ38	1600	1600
16"	400	991	686	603	470	77	20-Φ41	1800	1800
18"	450	1092	743	654	533	83	20-Φ44	2110	2110
20"	500	1194	813	724	584	89	24-Φ22	2350	2350
24"	600	1397	940	838	692	102	24-Φ52	2900	2900