

Gate Valves

Flanged End • Class 150 • Stainless Steel

FEATURES & SPECIFICATIONS

Pressure Rating	150 LBS
Temperature Range	-20°C ~ 180°C
Construction	Investment Casting
Material Standard	ASTM A351 CF8 / CF8M
Inspection / Testing	API 598
Design Standard	ASME B16.34
Flange Standard	ASME B16.5 and ASME B16.10

PRODUCT



Cast stainless steel flanged gate valve

CONFIGURATION

- ◆ 150# Stainless Steel Flanged Gate Valve — Class 150
- ◆ Outside Screw & Yoke (OS&Y)
- ◆ Bolted Bonnet
- ◆ Flexible Wedge, Fully Guided
- ◆ Integrated Seats
- ◆ Rising Stem & Non-Rising Handwheel
- ◆ Stem Nut, Bearing Gland, Handwheel Hex Lock Nut: Bronze

WEIGHTS

Size	Weight (kg)	Weight (lb)
2"	10.00	22.05
2-1/2"	16.00	35.27
3"	20.00	44.09
4"	30.00	66.14
6"	55.00	121.25
8"	95.00	209.44
10"	137.00	302.03
12"	225.00	496.04

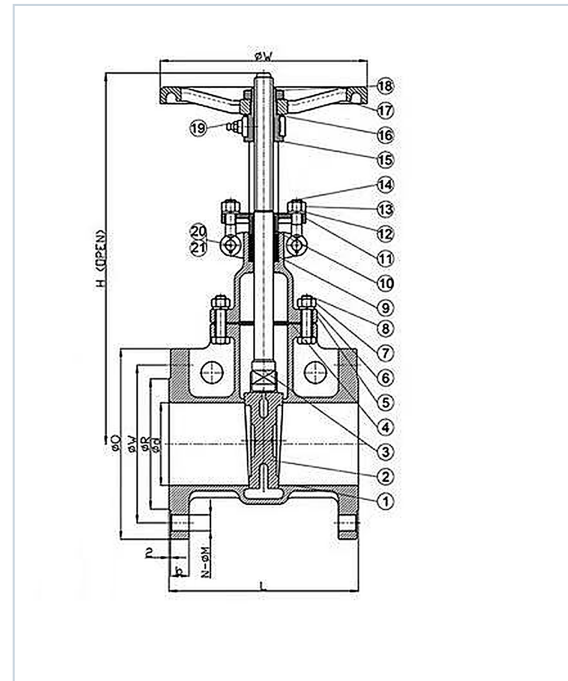
Technical Data

Sectional Drawing • Components • Dimensions

PARTS LIST

No.	Description	Q'ty	Material
1	Body	1	CF8 / CF8M
2	Disc	1	CF8 / CF8M
3	Stem	1	SUS304 / SUS316
4	Gasket	1	PTFE
5	Cap	1	CF8 / CF8M
6	Spring Washers	4-14	SUS304
7	Nut	4-14	SUS304
8	Bolt	4-14	SUS304
9	Gland Packing	5	PTFE
10	Stem Bushing	1	PTFE
11	Gland	1	CF8
12	Spring Washers	2	SUS304
13	Gland Nut	2	SUS304
14	Eye Bolt	2	SUS304
15	Yoke Sleeve	1	BRONZE
16	Gasket	1	BRONZE
17	Hand Wheel	1	FCD
18	Stem Nut	1	BRONZE
19	Oil Filler	1	COPPER
20	Pin	2	SUS304
21	Split Pin	2	SUS304

SECTIONAL DRAWING



Reference numbers correspond to Parts List

DIMENSIONS (MM)

Size	d	O	W	R	b	N-ΦM	L	H	Ø Handwheel
1/2"	15	90	60.3	35	9	4-Φ16	108	206	120
3/4"	20	100	69.9	43	10	4-Φ16	117	213	120
1"	25	110	79.4	51	10	4-Φ16	127	239	120
1-1/4"	32	115	88.9	63.5	11.7	4-Φ16	140	303	200
1-1/2"	40	125	98.4	73	13.2	4-Φ16	165	308	200
2"	50	150	120.7	92	14.8	4-Φ19	178	342	200
2-1/2"	65	180	139.7	105	16.4	4-Φ19	190	409	200
3"	80	190	152.4	127	18	4-Φ19	203	392	250
4"	100	230	190.5	157	22.8	8-Φ19	229	555	250
5"	125	255	215.9	186	22.8	8-Φ22.2	254	609	300
6"	150	280	241.3	216	24.4	8-Φ22.2	267	783	300
8"	200	345	298.5	270	27.5	8-Φ22.2	292	987	350
10"	250	405	362	324	29.1	12-Φ25.4	330	1009	400
12"	300	485	431.8	381	30.7	12-Φ25.4	356	1369	400

Linear dimensions in millimeters. Symbols correspond to the sectional drawing above.