

SPECIFICATIONS

FIGURE 5515 - 5530
API 600 GATE VALVES



CARBON STEEL, BOLTED BONNET, ASME CLASSES 150 & 300

FEATURES

- Flexible wedge disc
- Lapped seat faces
- Outside screw and yoke (OS&Y) w/ rising stem
- Graphite body gasket and packing
- API trim 8

Product Specifications	
Wall Thickness	API 600
Pressure-Temperature Rating	ANSI B16.34
Pressure Testing	API 598
Face to Face	ANSI B16.10
End Flanges	ANSI B16.5
Material	ASTM



FIGURE NUMBER MATRIX

FNW				
BODY MATERIAL	VALVE TYPE	CLASS	SIZE	
5 = WCB	5 = Gate	15 = 150# 30 = 300#	K = 2	10 = 10
			L = 2-1/2	12 = 12
			M = 3	14 = 14
			P = 4	16 = 16
			U = 6	18 = 18
			X = 8	20 = 20
				24 = 24

SPECIFICATIONS

FIGURE 5515 - 5530

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PART MATERIALS

No.	Part	Material
1	Body	ASTM A 216 GR. WCB
2	Bonnet / Yoke	ASTM A 216 GR. WCB
3	Seat Ring	ASTM A 216 GR. WCB + ST-6
4	Wedge	ASTM A 216 GR. WCB + 13% CR. Facing
5	Back Seat Bushing	ASTM A 276 Type 410
6	Stem	ASTM A 276 Type 410
7	Gland Packing	Corrosion Inhibited Flexible Graphite with Braided Anti Extrusion Rings
8	Gland Bushing	ASTM A 276 Type 410
9	Gland Flange	ASTM A 216 GR. WCB
10	Bonnet Gasket	Spiral Wound SS304 + Flexible Graphite
11	Bonnet Stud & Nut	ASTM A 193 GR.B7 ASTM A 194 GR 2H
12	Eye Bolt & Nut	ASTM A 193 GR.B7 ASHA A 194 GR.2H
13	Cross Pin	Carbon Steel
14	Stem Nut	EN 1A
15	Bonnet Bushing	Carbon Steel
16	Hand Wheel	MI/SG Iron
17	Lock Nut	Carbon Steel
18	Grease Nipple	Mild Steel
19	Name Plate	Stainless Steel
20	Grub Screw	Carbon Steel
21	Key	EN 1A

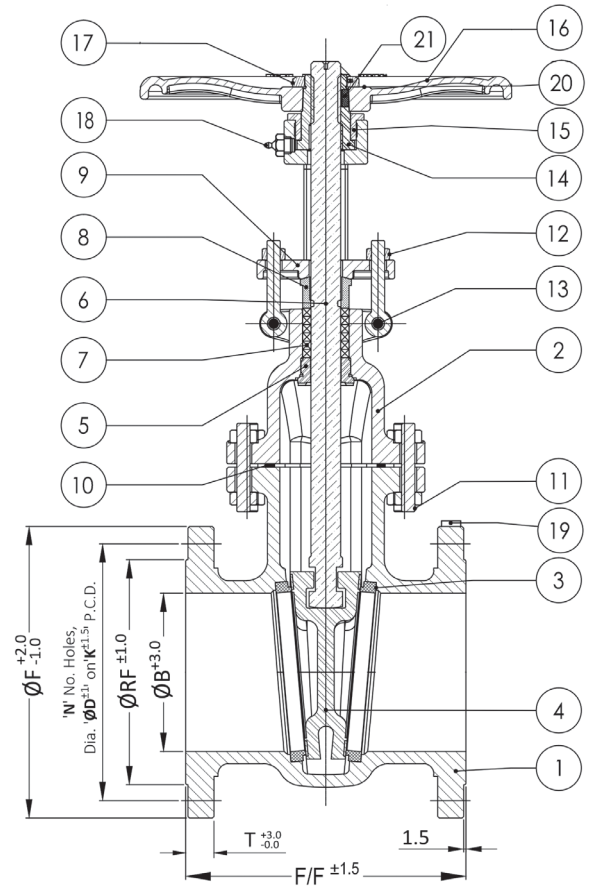
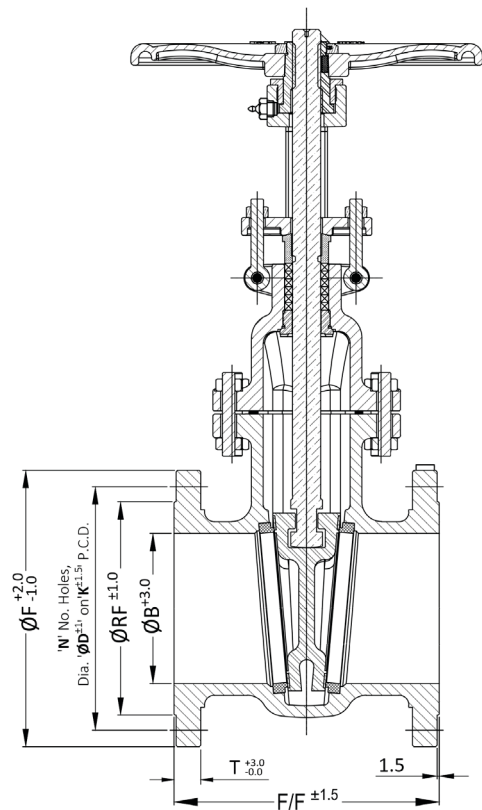


FIGURE 5515
API 600 GATE VALVES



CARBON STEEL, BOLTED BONNET, ASME CLASS 150



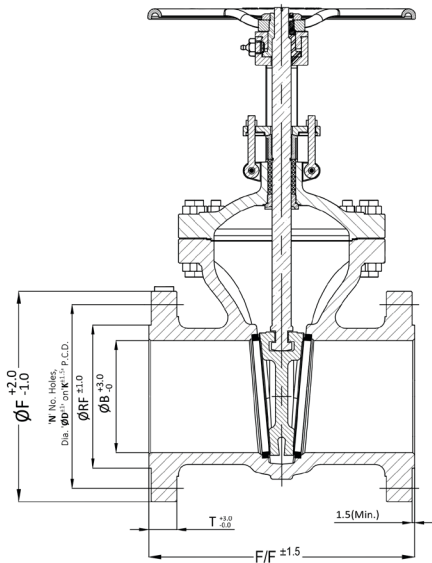
DIMENSIONS (IN.)

Size	F/F	ØB	ØF	T	ØRF	N	ØD	K
2	7.00	2.00	5.98	0.62	3.62	4	0.75	4.75
2-1/2	7.50	2.50	7.01	0.68	4.12	4	0.75	5.50
3	8.00	3.00	7.48	0.75	5.00	4	0.75	6.00
4	9.00	4.00	9.02	0.94	6.19	8	0.75	7.50
6	10.50	6.00	10.98	0.99	8.50	8	0.88	9.50
8	11.50	8.00	13.50	1.12	10.62	8	0.88	11.75
10	13.00	10.00	15.98	1.18	12.75	12	1.00	14.25
12	14.00	12.00	19.02	1.25	15.00	12	1.00	17.00
14	15.00	13.25	20.98	1.37	16.25	12	1.13	18.75
16	16.00	15.25	23.50	1.44	18.50	16	1.13	21.25
18	17.00	17.25	25.00	1.56	21.00	16	1.25	22.75
20	18.00	19.25	27.28	1.68	23.00	20	1.25	25.00
24	20.00	23.25	32.01	1.87	27.25	20	1.38	29.50

FIGURE 5530
API 600 GATE VALVES



CARBON STEEL, BOLTED BONNET, ASME CLASS 300



DIMENSIONS (IN.)

Size	F/F	ØB	ØF	T	ØRF	N	ØD	K
2	8.50	2.00	6.50	0.87	3.62	8	0.75	5.00
2-1/2	9.50	2.50	7.48	1.00	4.12	8	0.88	5.88
3	11.10	3.00	8.27	1.12	5.00	8	0.88	6.62
4	12.00	4.00	10.00	1.25	6.19	8	0.88	7.88
6	15.87	6.00	12.52	1.44	8.50	12	0.88	10.62
8	16.50	8.00	15.00	1.62	10.62	12	1.00	13.00
10	18.00	10.00	17.48	1.87	12.75	16	1.13	15.25
12	19.75	12.00	20.51	2.00	15.00	16	1.25	17.75
14	30.00	13.25	22.99	2.12	16.25	20	1.25	20.25
16	33.00	15.25	25.51	2.25	18.50	20	1.38	22.50
18	36.00	17.00	27.99	2.37	21.00	24	1.38	24.75
20	39.00	19.00	30.51	2.50	23.00	24	1.38	27.00
24	45.00	23.00	35.98	2.75	27.25	24	1.63	32.00