

SPECIFICATIONS

FIGURE 4615 - 4630
API 603 WALL GLOBE VALVES



STAINLESS STEEL, BOLTED BONNET, ASME CLASSES 150 & 300

FEATURES

- Self-aligning two-piece gland & gland flange
- Machined bonnet stem bushing provides backup stem seal
- Outside screw and yoke (OS&Y) w/ rising stem
- API trim 10

Product Specifications	
Wall Thickness	API 603
Design	B16.34
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	
4 = CF8M	6 = Globe	15 = 150# 30 = 300#	D = 1/2	M = 3
			F = 3/4	P = 4
			G = 1	U = 6
			J = 1-1/2	X = 8
			K = 2	10 = 10
			L = 2-1/2	12 = 12

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PART MATERIALS

No.	Part	Material
1	Body	ASTM A 351 GR. CF8M
-	Body Seat	ASTM A 351 GR. CF8M
2	Disc	ASTM A 351 GR. CF8M
3	Disc Nut	ASTM A 276 Type SS316
4	Stem	ASTM A 276 Type SS316
5	Back Seat Bushing	ASTM A 276 Type SS316
6	Bonnet	ASTM A 351 GR. CF8M
7	Bonnet Stud & Nut	ASTM A 193 GR.B8M ASTMA 194 GR.8M
8	Gland Packing	Corrosion Inhibited Flexible Graphite with Braided Anti Extrusion Rings
9	Gasket	Spiral Wound SS 316 + Graphite Filler
10	Gland Bushing	ASTM A 276 Type SS316
11	Eye Bolt & Nut	ASTM A 193 GR.B8M ASTMA 194 GR.8M
12	Yoke Bushing	EN 1A
13	Hand Wheel	MI/SG Iron
14	Wheel Nut	Stainless Steel
15	Grub Screw	Stainless Steel
16	Gland Flange	ASTM A 351 GR. CF8M
17	Cross Pin	ASTM A 276 Type SS316
18	Washer	Stainless Steel
19	Thrust Pad	ASTM A 276 Type SS316
20	Split Ring	ASTM A 276 Type SS316
21	Name Plate	Stainless Steel

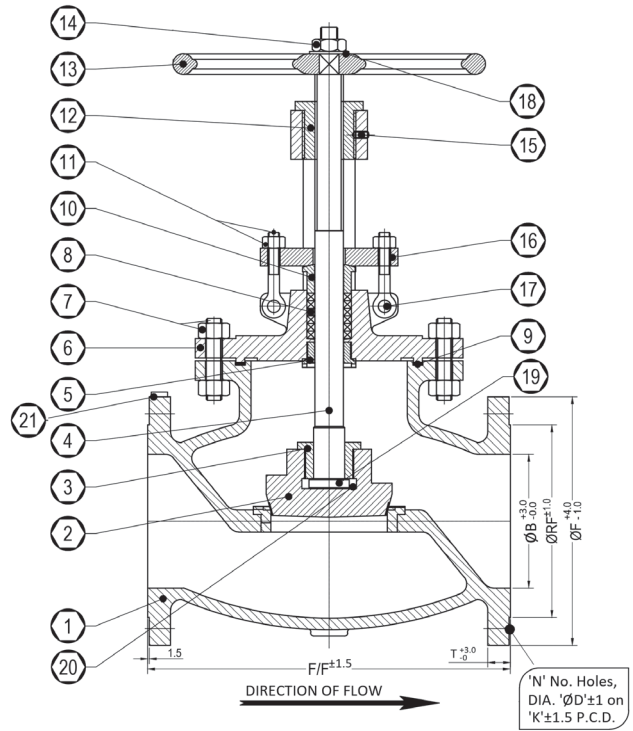
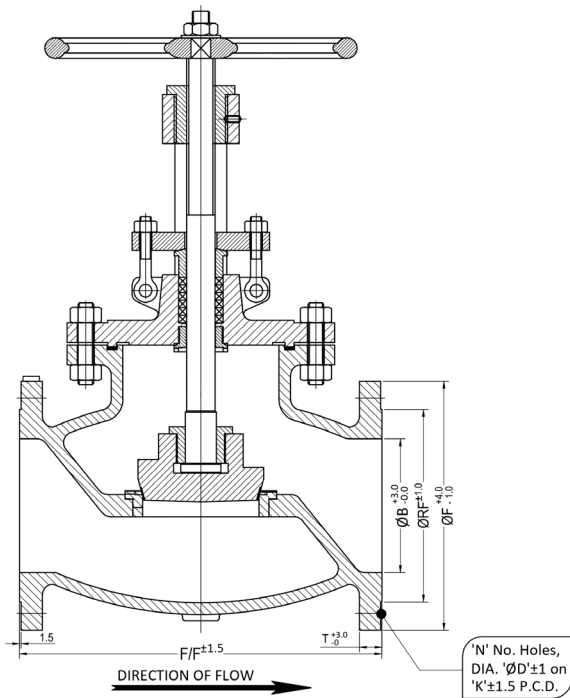


FIGURE 4615
API 603 WALL GLOBE VALVES



STAINLESS STEEL, BOLTED BONNET, ASME CLASS 150



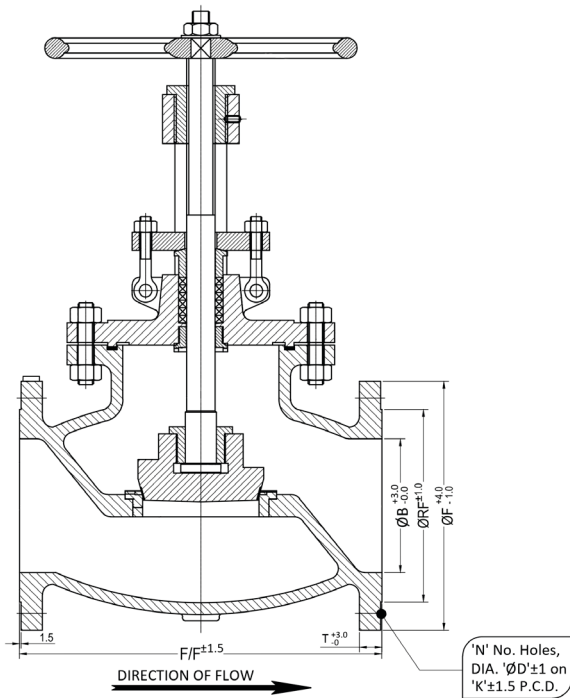
DIMENSIONS (IN.)

Size	F/F	ØB	ØF	T	ØRF	N	ØD	K
1/2	4.25	0.50	3.50	0.37	1.38	4	0.63	2.38
3/4	4.61	0.75	3.90	0.40	1.69	4	0.63	2.75
1	5.00	1.00	4.25	0.44	2.00	4	0.63	3.12
1-1/2	6.50	1.50	5.00	0.56	2.87	4	0.63	3.88
2	8.00	2.00	6.00	0.62	3.62	4	0.75	4.75
2-1/2	8.50	2.50	7.00	0.68	4.12	4	0.75	5.50
3	9.50	3.00	7.50	0.75	5.00	4	0.75	6.00
4	11.50	4.00	9.00	0.94	6.19	8	0.75	7.50
6	16.00	6.00	11.00	0.99	8.50	8	0.88	9.50
8	19.50	8.00	13.50	1.12	10.62	8	0.88	11.75
10	24.50	10.00	16.00	1.18	12.75	12	1.00	14.25
12	27.50	12.00	19.00	1.25	15.00	12	1.00	17.00

FIGURE 4630
API 603 WALL GLOBE VALVES



STAINLESS STEEL, BOLTED BONNET, ASME CLASS 300



DIMENSIONS (IN.)

Size	F/F	ØB	ØF	T	ØRF	N	ØD	K
1/2	6.00	0.50	3.75	0.56	1.38	4	0.63	2.62
3/4	7.00	0.75	4.60	0.62	1.69	4	0.75	3.25
1	8.00	1.00	4.88	0.68	2.00	4	0.75	3.50
1-1/2	9.00	1.50	6.10	0.81	2.87	4	0.88	4.50
2	10.50	2.00	6.50	0.87	3.62	8	0.75	5.00
2-1/2	11.50	2.50	7.50	1.00	4.12	8	0.88	5.88
3	12.50	3.00	8.25	1.12	5.00	8	0.88	6.62
4	14.00	4.00	10.00	1.25	6.19	8	0.88	7.88
6	17.50	6.00	12.50	1.44	8.50	12	0.88	10.62
8	22.00	8.00	15.00	1.62	10.62	12	1.00	13.00
10	24.50	10.00	17.50	1.87	12.75	16	1.13	15.25
12	28.00	12.00	20.50	2.00	15.00	16	1.25	17.75