

400CSF Cast Steel Flanged Gate Valve • Spec Sheet



FEATURES & BENEFITS

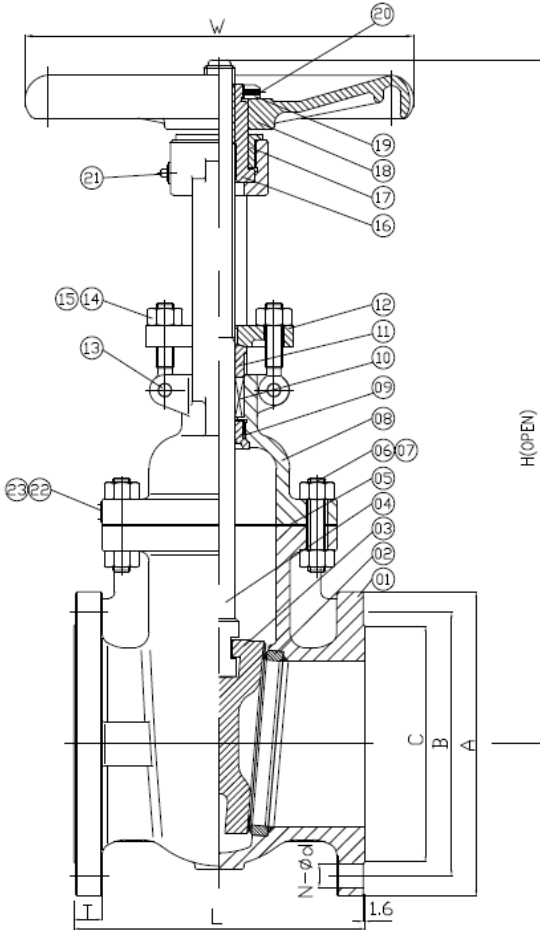
- Cast Steel Flanged Gate Valve
- 150lb. Flanged Connection
- Outside Screw & Yoke
- ASTM A216 WCB
- NACE MR0175
- API 600
- Maximum Pressure 285 PSI
- Maximum Temperature 1000°F
- Max Steam Pressure Rating 193 PSIG @ 385°F
- Sizes 2" – 12"

MATERIAL SPECIFICATIONS

No.	Part	Material
1	Body	ASTM A216 WCB
2	Seat	A105+STL #6
3	Wedge	ASTM A216 WCB+13Cr
4	Stem	ASTM A182 F6a
5	Gasket	304+Flexible Graphite
6	Bonnet Bolt	ASTM A193 B7
7	Nut	ASTM A194 2H
8	Bonnet	ASTM A216 WCB
9	Back Seat	ASTM A276 410
10	Packing	Flexible Graphite
11	Gland	ASTM A276 410
12	Gland Flange	ASTM A216 WCB
13	Pin	CS
14	Eyebolt	ASTM A193 B7
15	Nut	ASTM A194 2H
16	Stem Nut	ASTM A536 FCD45
17	Clamp Nut	ASTM A29 1025
18	Handwheel	ASTM A47 32510
19	Lock Nut	ASTM A29 1035
20	Screw	ASTM A29 1035
21	Lubricating Cap	Component Part
22	Rivet	SS
23	Name Plate	SS

DIMENSIONS

Part #	Size	A	B	C	T	F	L	H	W	n-Ød
400CSF08	2"	5.99	4.75	3.62	0.63	0.06	7.01	15.88	7.88	4 - 3/4
400CSF09	2-1/2"	7.01	5.50	4.14	0.69	0.06	7.49	17.10	7.88	4 - 3/4
400CSF10	3"	7.49	6.01	5.00	0.75	0.06	8.00	19.11	9.85	4 - 3/4
400CSF11	4"	9.02	7.51	6.19	0.95	0.06	9.02	23.13	9.85	8 - 3/4
400CSF13	6"	10.99	9.52	8.51	1.02	0.06	10.52	30.22	11.03	8 - 3/4
400CSF14	8"	13.51	11.76	10.64	1.14	0.06	11.50	37.63	13.79	8 - 7/8
400CSF15	10"	16.00	14.26	12.77	1.22	0.06	13.00	45.31	15.76	12 - 1
400CSF16	12"	19.03	17.02	15.01	1.26	0.06	14.03	54.69	17.73	12 - 1



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