

Figure 451A

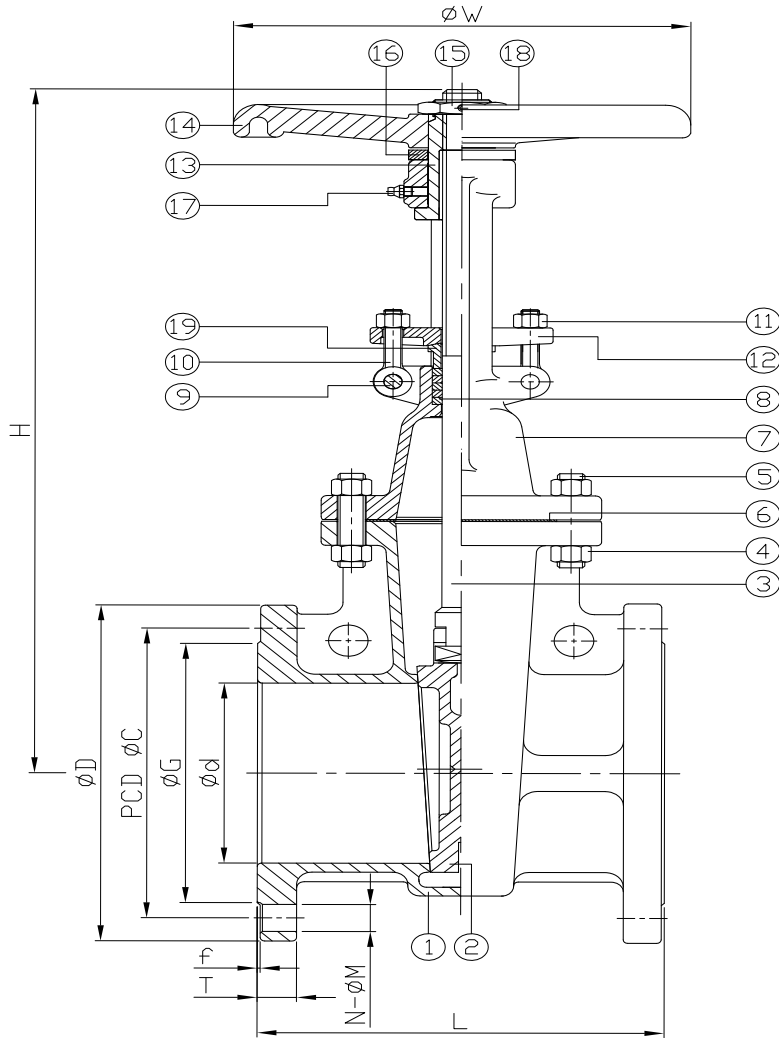
150# Stainless Steel OS&Y Gate Valve

Standard Materials

No.	Part Name	Material
1	Body	ASTM A351-CF8M
2	Disc	
3	Stem	ASTM A276-316
4	Nut	ASTM A194-8
5	Bolt	ASTM A193-B8
6	Body Seal	PTFE
7	Bonnet	ASTM A351-CF8M
8	Packing	PTFE
9	Hinge Pin	AISI 304
10	Eye Bolt	
11	Eye Nut	ASTM A194-8
12	Gland Flange	AISI 304
13	Stem Nut	BRONZE
14	Handle Wheel	ASTM A536 Gr.60-40-18
15	Handle Nut	AISI 304
16	Nut	
17	Nipple	
18	Socket Set Screws	
19	Gland	

NOTES:

CF8M Seat is Integral to Body
 Investment Cast Body up to 8"
 Design per API 603
 Pressure/Temperature Rating per ANSI B16.34
 Flange Dimensions per ANSI B16.5
 Face to Face Dimensions per ANSI B16.10
 Pressure Tested per API 598



Dimensions (inches) & Weights (lbs)

Size	2	2-1/2	3	4	6	8	10	12
d	2.01	2.52	3.15	4.02	5.98	7.99	10.00	12.01
L	7.01	7.48	7.99	9.02	10.51	11.50	12.99	14.02
H	11.89	12.44	14.72	17.36	21.18	28.50	43.98	52.56
W	7.87	7.87	9.84	9.84	11.81	13.78	15.75	17.72
Flange Dimensions	f	0.08	0.08	0.08	0.08	0.08	0.08	0.08
	D	5.91	7.09	7.48	9.06	11.02	13.58	15.94
	G	3.63	4.13	5.00	6.19	8.50	10.63	12.70
	C	4.75	5.50	6.00	7.50	9.50	11.75	14.25
	T	0.64	0.70	0.77	0.96	1.02	1.14	1.20
	N	4.00	4.00	4.00	8.00	8.00	8.00	12.00
	M	0.75	0.75	0.75	0.75	0.87	0.89	1.00
Wt. (lbs.)	29.3	35.7	48.5	83.8	127.9	191.8	317.5	469.6