

Figure 451A

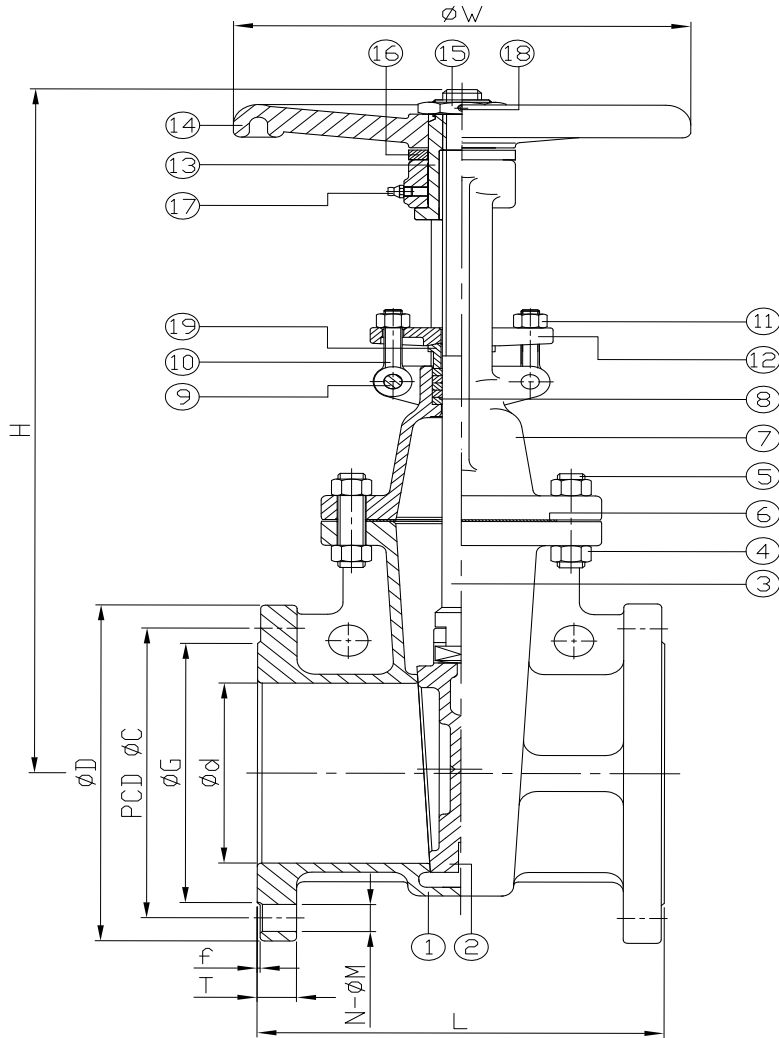
# 150# Stainless Steel OS&Y Gate Valve

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