

Figure 452A

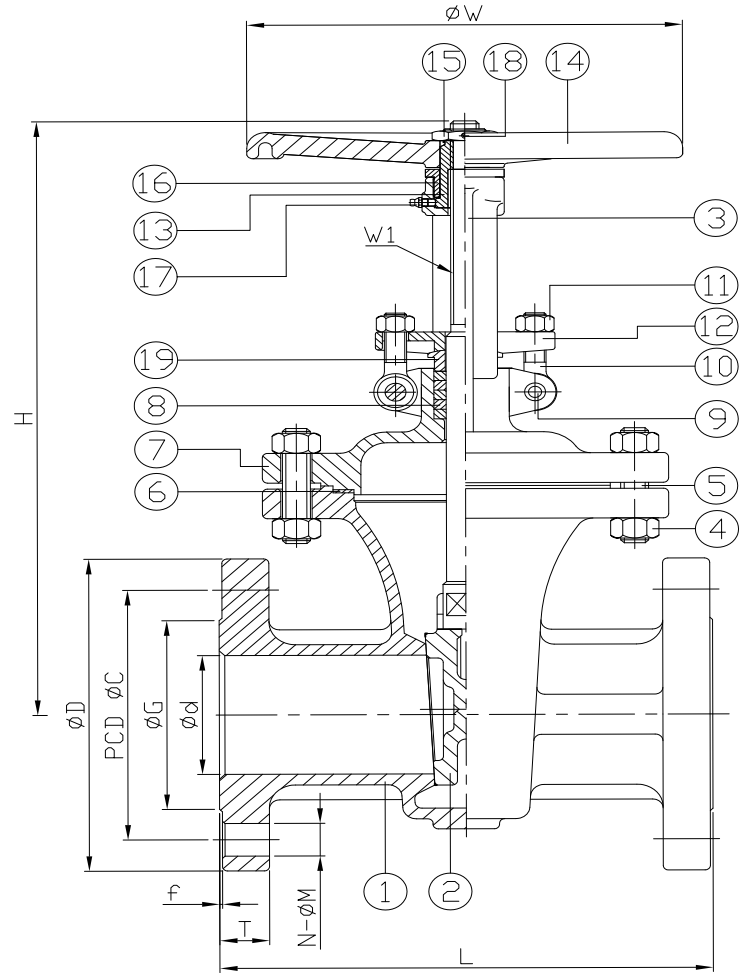
300# Stainless Steel OS&Y Gate Valve

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	BRASS
14	Handle Wheel	ASTM A536 Gr.60-40-18
15	Handle Nut	AISI 304
16	Gland Nut	
17	Nipple	
18	Socket Set Screws	
19	Gland Ring	

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
d	2.01	2.52	3.15	4.02	5.98	7.99
L	8.50	9.49	11.14	12.01	15.87	16.50
H	12.72	14.57	15.98	19.25	24.76	30.71
W	9.84	9.84	11.81	11.81	15.75	17.72
Flange Dimensions	f	0.08	0.08	0.08	0.08	0.08
	D	6.50	7.48	8.27	10.04	12.60
	G	3.63	4.13	5.00	6.19	8.50
	C	5.00	5.87	6.63	7.87	14.56
	T	0.89	1.02	1.14	1.27	1.46
	N	8.00	8.00	8.00	8.00	12.00
	M	0.75	0.88	0.88	0.88	0.88
Wt. (lbs.)	46.1	56.0	84.9	142.4	253.5	377.0