

## Iron OS&Y Flanged Gate Valve

### Feature

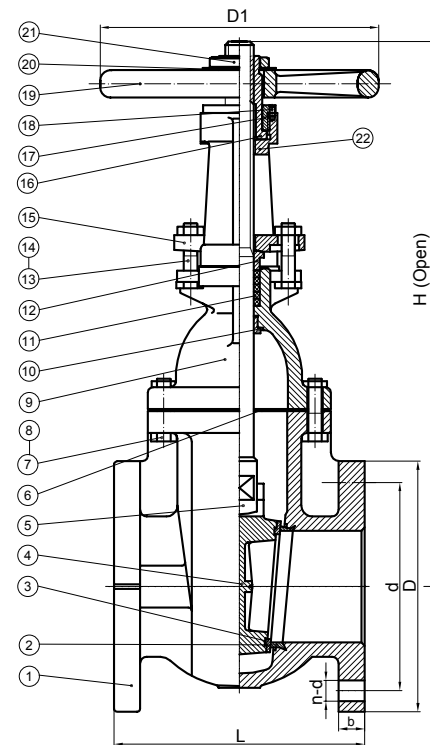
125# WSP / 200# WOG  
 Cast Iron Body  
 Flanged Ends per ANSI B16.10  
 IBBM, Solid Disc  
 Outside Screw & Yoke (OS&Y)  
 MSS-SP-70

Working Pressure and Temperature  
 Working Pressure: Class125  
 Temperature: 14°F - 390°F



### Material

	Part	Material	Specification
1	Body	Cast Iron	A126-B
2	Seat ring	Bronze / SS	
3	Disc ring	Bronze / SS	
4	Disc	Cast Iron	A126-B
5	Stem	Brass / SS	
6	Gasket	Graphite	
7	Bonnet bolt	Steel	A307-B
8	Bonnet nut	Steel	A307-B
9	Bonnet	Cast Iron	A126-B
10	Bushing	Brass	B584
11	Packing	Graphite	
12	Gland packing	Brass	B584
13	Gland bolt	Steel	A307-B
14	Gland nut	Steel	A307-B
15	Gland	Ductile Iron	A536
16	Yoke bushing	Bronze	B62
17	Yoke bushing nut	Cast Iron	A126-B
18	Screw	Steel	A307-B
19	Handwheel	Cast Iron	A126-B
20	ID plate	Aluminum	
21	Handwheel nut	Ductile Iron	A536
22	Yoke	Cast Iron	A126-B



### Dimension

Size	L	d	D	b	n-d	D1	H	Weight <sup>1</sup>	Cv
	[in]	[in]	[in]	[in]	[in]	[in]	[in]	[lb]	
2"	7.01	4.76	5.98	0.63	4 - 5/8	7.01	14.96	35.36	216
2-½"	7.50	5.51	7.01	0.69	4 - 5/8	7.01	16.93	39.78	345
3"	8.00	6.00	7.48	0.75	4 - 5/8	7.87	19.09	50.83	495
4"	9.00	7.50	9.00	0.93	8 - 5/8	10.00	24.21	72.93	610
5"	10.00	8.50	10.00	0.94	8 - 3/4	11.81	27.56	97.24	1370
6"	10.50	9.50	11.00	1.00	8 - 3/4	11.81	32.87	137.02	1920
8"	11.50	11.75	13.50	1.13	8 - 3/4	13.70	39.76	223.21	3600
10"	12.99	14.25	15.98	1.19	12 - 7/8	15.75	48.03	364.65	5680
12"	14.02	17.01	19.02	1.25	12 - 7/8	17.99	56.50	510.51	8290