



# Figure # 415

Iron NRS Flanged Gate Valve

### Product Features

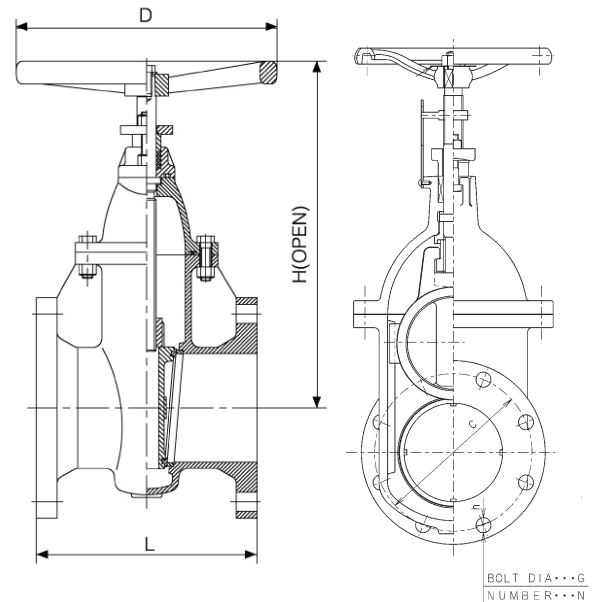
- 125# WSP / 200# WOG
- Cast Iron Body
- Flanged Ends per ANSI B16.5
- IBBM, Solid Disc
- Non-Rising Stem (NRS)
- MSS-SP-70



Working Pressure and Temperature  
 Working Pressure: Class125  
 Temperature: 14°F - 248°F

### Materials & Specifications

Item	Description	Material	Specification
1	Body	Ductile Iron	A536
2	Body Trim	Bronze	B62 C83600
3	Wedge Trim	Bronze	B62 C83600
4	Wedge	Ductile Iron	A536
5	Wedge Nut	Bronze	B62 C83600
6	Stem	Brass	B16 C36000
		Stainless Steel	AISI 420
7	Bonnet	Ductile Iron	A536
8	Gasket	Graphite	Non-asbestos
9	Gland	Ductile Iron	A536
10	Stuffing Box	Ductile Iron	A536
11	Packing	Graphite	Non-asbestos
12	Handwheel	Ductile Iron	A536



### Dimensions, Weights (inches-lbs.) & Valve Data

Size	2	2-1/2	3	4	5	6	8	10	12
c	4.75	5.50	6.00	7.50	8.50	9.50	11.75	14.25	17.00
h	0.75	0.75	0.75	0.75	0.88	0.88	0.88	1.00	1.00
L	7.12	7.60	8.12	9.16	10.16	10.68	11.68	13.20	14.24
H	15.00	17.40	18.20	22.24	26.00	30.40	39.88	47.88	55.80
D	7.60	7.60	7.60	10.00	12.20	12.20	14.24	16.20	18.28
N=Qty	4	4	4	8	8	8	8	12	12
G	5/8	5/8	5/8	5/8	3/4	3/4	3/4	7/8	7/8
Cv	216	345	495	610	1370	1920	3600	5680	8290
Wt.	35.2	29.6	48.8	61.6	107.8	114.4	176.0	319.0	391.6