

# CLASS 125 GATE VALVE

- Bolted Bonnet, Rising Stem, Solid Wedge Disc, Bronze Trim, Outside Screw and Yoke.
- Conforms to MSS SP-70, Flanged End and Drilling to ANSI B16.1
- Working Pressure: 125 PSI Steam to 450°F or 232°C  
200 PSI Non-Shock Cold Water, Oil or Gas to -20°F to 150°F or -29°C to 66°C
- Back Seat Stop

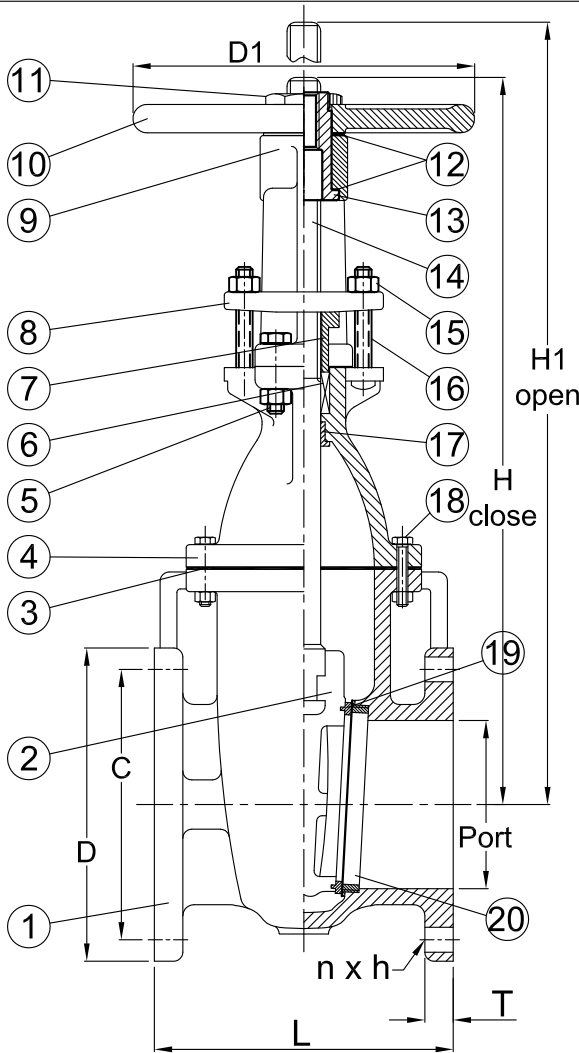
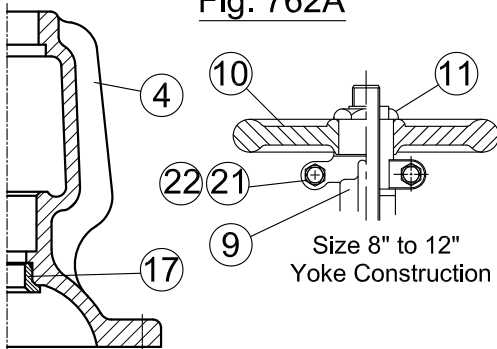


Fig: 762A



Sizes up to 3" inclusive made with yoke integral with bonnet, 4"~12" size made with separate yoke bolted to bonnet

## MATERIAL LIST

Item	No.	Part	Material	Specification	Qty	Remarks
1	01	Body	Cast Iron	ASTM A126-B	1	
2	03	Disc	Cast Iron	ASTM A126-B	1	
3	14	Gasket	Non-Asbestos		1	
4	02	Bonnet	Cast Iron	ASTM A126-B	1	
5	28H	Hex.Head Bolt	Steel	ASTM A307-A	1	
6	15	Packing	Graphite		3	4 on 6"~12"
7	07	Gland	Cast Bronze	ASTM B62	1	
8	06	Gland Flange	Ductile Iron	ASTM A536	1	
9	04	Yoke	Cast Iron	ASTM A126-B	1	4"~12"
10	05	Hand Wheel	Cast Iron	ASTM A126-B	1	
11	18	Wheel Nut	2"~8"	Steel	S45C	1
			10"12"	Ductile Iron	ASTM A536	1
12	21S	Washer	Brass	ASTM B16	2	2"~6"
13	09	Yoke Sleeve	Cast Bronze	ASTM B62	1	
14	12	Stem	Brass	ASTM B16	1	
15	27	Nut	Steel	ASTM A307-A	1Set	
16	28S	Square Head Bolt	Steel	ASTM A307-A	1Set	
17	09B	Bonnet Bush	Cast Bronze	ASTM B62	1	
18	28H	Hex.Head Bolt	Steel	ASTM A307-A	1Set	
19	08D	Disc Seat Ring	Cast Bronze	ASTM B62	2	
20	08B	Body Seat Ring	Cast Bronze	ASTM B62	2	
21	28H	Yoke Bolt	Steel	ASTM A307-A	2	8"~12"
22	27	Yoke Nut	Steel	ASTM A307-A	2	8"~12"

■ Body has five Tapping Bosses.

## Cv & Weinght

SIZE	2	2-1/2	3	4	5	6	8	10	12
Cv	240	390	560	1000	1600	2400	4500	7000	10500
Wt.(Lbs)	36	48	60	103	143	186	298	441	628

## Dimensions

Unit: inch

Size	Port	H1	H	L	C	D	D1	T	nxh
2"	2.0	14.72	12.48	7.0	4 <sup>3</sup> / <sub>4</sub>	6	7	5 <sup>8</sup> / <sub>16</sub>	4x3 <sup>3</sup> / <sub>4</sub>
2-1/2"	2.5	16.65	13.90	7.5	5 <sup>1</sup> / <sub>2</sub>	7	7	1 <sup>1</sup> / <sub>16</sub>	4x3 <sup>3</sup> / <sub>4</sub>
3"	3.0	18.86	15.59	8.0	6	7 <sup>1</sup> / <sub>2</sub>	8	3 <sup>3</sup> / <sub>4</sub>	4x3 <sup>3</sup> / <sub>4</sub>
4"	4.0	23.43	19.13	9.0	7 <sup>1</sup> / <sub>2</sub>	9	10	1 <sup>5</sup> / <sub>16</sub>	8x3 <sup>3</sup> / <sub>4</sub>
5"	5.0	27.72	22.42	10.0	8 <sup>1</sup> / <sub>2</sub>	10	12	1 <sup>5</sup> / <sub>16</sub>	8x7 <sup>7</sup> / <sub>8</sub>
6"	6.0	32.24	25.79	10.5	9 <sup>1</sup> / <sub>2</sub>	11	12	1	8x7 <sup>7</sup> / <sub>8</sub>
8"	8.0	39.45	30.98	11.5	11 <sup>3</sup> / <sub>4</sub>	13 <sup>1</sup> / <sub>2</sub>	14	1 <sup>1</sup> / <sub>8</sub>	8x7 <sup>7</sup> / <sub>8</sub>
10"	10.0	48.15	37.62	13.0	14 <sup>1</sup> / <sub>4</sub>	16	16	1 <sup>3</sup> / <sub>16</sub>	12x1
12"	12.0	56.06	43.48	14.0	17	19	18	1 <sup>1</sup> / <sub>4</sub>	12x1

■ Note: Design and materials are subject to change without notice.



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