

CLASS 125S 3% NICKEL IRON BODY GATE

- Outside Screw and Yoke, Bolted Bonnet, Rising Stem, Solid Wedge Disc
- 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

MATERIAL LIST

Item	No.	Part	Material	Specification
1	01	Body	Cast Iron Ni	3% Nickel
2	03	Disc	Cast Iron Ni	3% Nickel
3	14	Gasket	Non-Asbestos	
4	02	Bonnet	Cast Iron Ni	3% Nickel
5	28H	Hex.Head Bolt	Steel	ASTM A307-A
6	15	Packing	Non-Asbestos Packing	
7	07	Gland	Cast Iron	ASTM A126-B
8	06	Gland Flange	Ductile Iron	ASTM A536
9	04	Yoke	Cast Iron	ASTM A126-B
10	05	Hand Wheel	Cast Iron	ASTM A126-B
11	18	Wheel Nut	Ductile Iron	ASTM A536
12	11C	Sleeve Nut	Ductile Iron	ASTM A536
13	09	Yoke Sleeve	Cast Bronze	ASTM B62
14	12	Stem	Stainless Steel	ASTM A276-316
15	27	Nut	Steel	ASTM A307-A
16	28S	Square Head Bolt	Steel	ASTM A307-A
17	09B	Bonnet Bush	Stainless Steel	ASTM A351-CF8M
18	28H	Hex.Head Bolt	Steel	ASTM A307-A
19	08D	Disc Seat Ring	Stainless Steel	ASTM A351-CF8M
20	08B	Body Seat Ring	Stainless Steel	ASTM A351-CF8M

■ Body has five Tapping Bosses.

■ 2"~3" have Stainless Steel ASTM A351-CF8M Disc.

4"~12" have 3% Nickel Iron Disc with Stainless Steel Disc Face.

Nominal Size	Dimensions							Unit: inch		Net Wt. Lbs.
	H	J	L	C	D	D1	T	nxh		
2"	14.72	12.48	7.0	4 ³ / ₄	6	7	5 ⁵ / ₈	4x ³ / ₄		36
2-1/2"	16.65	13.90	7.5	5 ¹ / ₂	7	7	11 ¹ / ₁₆	4x ³ / ₄		48
3"	18.86	15.59	8.0	6	7 ¹ / ₂	8	3 ³ / ₄	4x ³ / ₄		60
4"	23.43	19.13	9.0	7 ¹ / ₂	9	10	15 ¹⁵ / ₁₆	8x ³ / ₄		103
5"	27.72	22.42	10.0	8 ¹ / ₂	10	12	15 ¹⁵ / ₁₆	8x ⁷ / ₈		143
6"	32.24	25.79	10.5	9 ¹ / ₂	11	12	1	8x ⁷ / ₈		186
8"	39.45	30.98	11.5	11 ³ / ₄	13 ¹ / ₂	14	1 ¹ / ₈	8x ⁷ / ₈		298
10"	48.15	37.62	13.0	14 ¹ / ₄	16	16	13 ¹³ / ₁₆	12x1		441
12"	56.06	43.48	14.0	17	19	18	1 ¹ / ₄	12x1		628

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

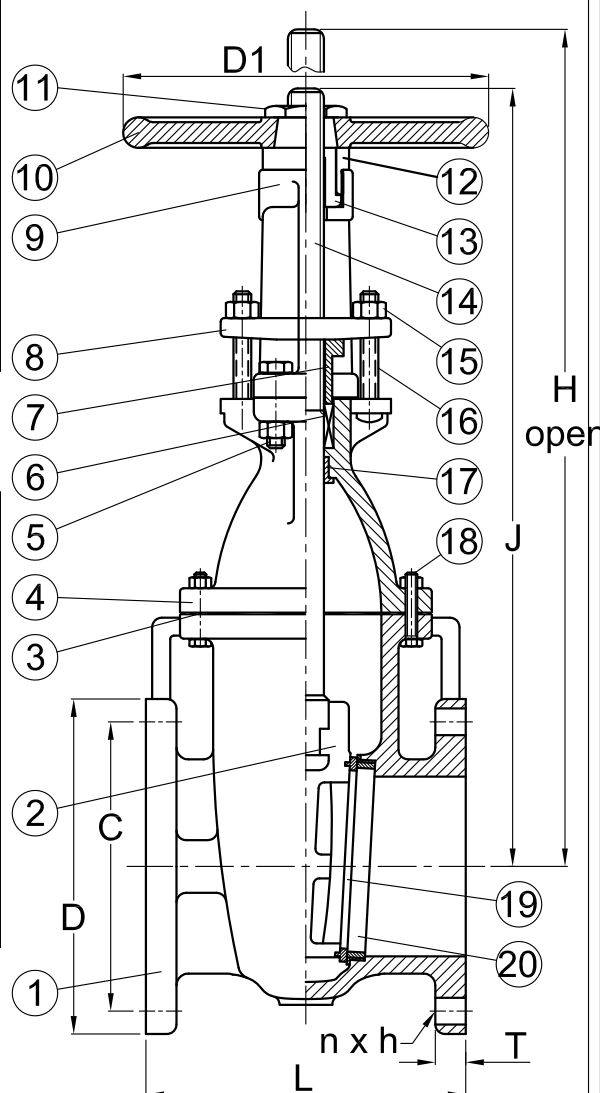


Fig: 762Ni



EVER METAL INDUSTRY CO.,LTD

CLASS 100S 3% NICKEL IRON BODY GATE

- Outside Screw and Yoke, Bolted Bonnet, Rising Stem, Solid Wedge Disc
- Conforms to MSS SP-70, Flanged End and Drilling to ANSI B16.1
- Working Pressure:
100 PSI Saturated Steam to 350° F or 177° C
150 PSI Non-Shock Cold Water, Oil or Gas to -20° F to 150° F or -29° C to 66° C

MATERIAL LIST

Item	No.	Part	Material	Specification
1	01	Body	Cast Iron Ni	3% Nickel
2	03	Disc	Cast Iron Ni	3% Nickel
3	14	Gasket	Non-Asbestos	
4	02	Bonnet	Cast Iron Ni	3% Nickel
5	28H	Hex.Head Bolt	Steel	ASTM A307-A
6	15	Packing	Non-Asbestos Packing	
7	07	Gland	Ductile Iron	ASTM A536
8	06	Gland Flange	Ductile Iron	ASTM A536
9	04	Yoke	Cast Iron	ASTM A126-B
10	05	Hand Wheel	Cast Iron	ASTM A126-B
11	18	Wheel Nut	Ductile Iron	ASTM A536
12	09	Yoke Sleeve	Cast Bronze	ASTM B62
13	12	Stem	Stainless Steel	ASTM A276-316
14	27	Nut	Steel	ASTM A307-A
15	28S	Square Head Bolt	Steel	ASTM A307-A
16	09B	Bonnet Bush	Stainless Steel	ASTM A351-CF8M
17	28H	Hex.Head Bolt	Steel	ASTM A307-A
18	08D	Disc Seat Ring	Stainless Steel	ASTM A351-CF8M
19	08B	Body Seat Ring	Stainless Steel	ASTM A351-CF8M

■ Body has five Tapping Bosses.

Nominal	Dimensions								Unit: inch	Net Wt.
Size	H	J	L	C	D	D1	T	nxh		Lbs.
14"	62.45	47.76	15	18 ³ / ₄	21	20	1 ³ / ₈	12x1 ¹ / ₈		880
16"	71.06	54.30	16	21 ¹ / ₄	23 ¹ / ₂	22	1 ⁷ / ₁₆	16x1 ¹ / ₈		1166
18"	79.00	60.17	17	22 ³ / ₄	25	24	1 ⁹ / ₁₆	16x1 ¹ / ₄		1467
20"	87.11	66.19	18	25	27 ¹ / ₂	24	1 ¹¹ / ₁₆	20x1 ¹ / ₄		1824
24"	100.5	75.72	20	29 ¹ / ₂	32	30	1 ⁷ / ₈	20x1 ³ / ₈		2618

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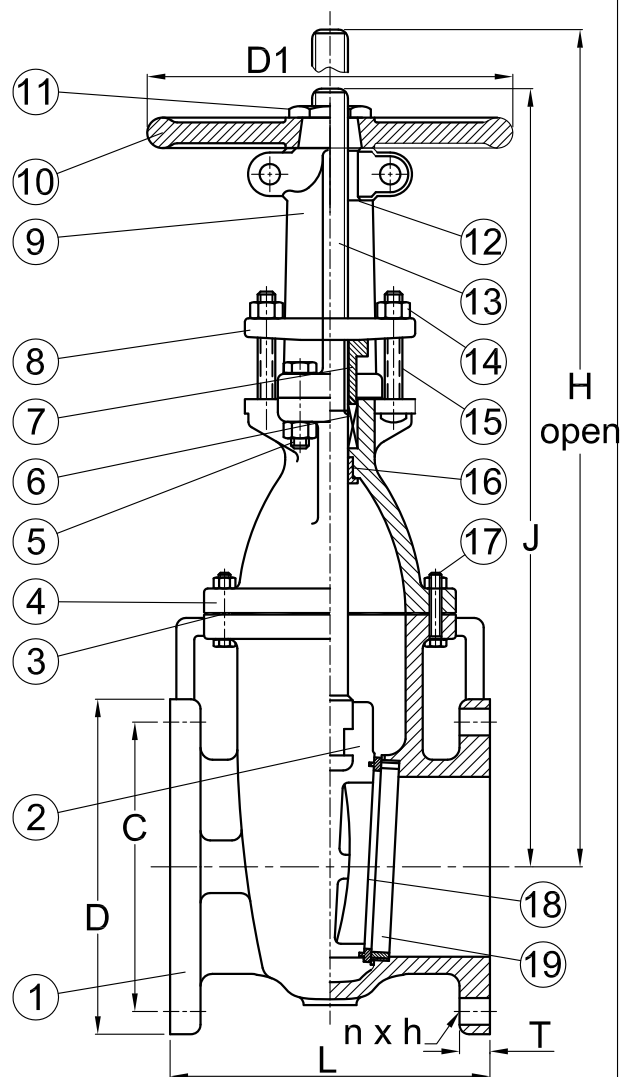
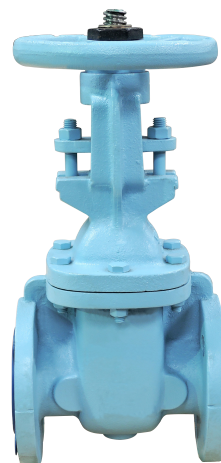


Fig: 762Ni



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