



ANSI 125 Rising Stem Cast Iron Gate Valve (Metal Seal)

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Figure: Z4103
 Size : 2"-12"
 Design Standard : MSS SP-70
 Face to Face : ANSIB16.10
 Flange Drilling : ANSI B16;ANSI B16.5

Application

Working Temp: 100 °C
 Working Pressure: PN10 or PN16
 Suitable Media: Water,Steam,Oil,ect.
 Not recommended for Steam Service.

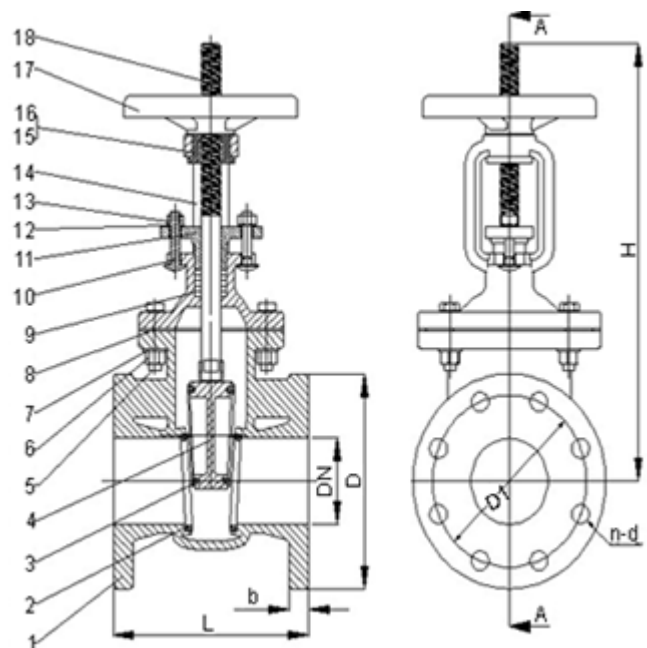
Cautio FREEZING WEATHER PRECAUTION - Subsequent to testing a piping system, gate valves should be left in an open position to allow complete drainage.

Specification

Bolted Bonnet; Outside Screw & Yoke
 Rising Stem; Solid Wedge
 Design Standard: MSS SP-70
 Face to Face: ANSI B16.10

Materials

No	Part Name	Materials	
1	Body	ASTM A126A(B)	GG20 GG25
2	Seat Ring	ASTM B36/B36M	Brass,Bronze
3	Wedge Ring	ASTM B36	Brass
4	Wedge	ASTM A126A(B)	GG20 GG25
5	Bolt	A216 WCB	GS-C25
6	Nut	A216 WCB	GS-C25
7	Washer	A216 WCB	GS-C25
8	Bonnet Gasket	Graphite	Graphite
9	Packing	Graphite	Graphite
10	Bolt	A216 WCB	GS-C25
11	Gland	ASTM A126A(B)	GG20 GG25
12	Washer	A216 WCB	GS-C25
13	Nut	A216 WCB	GS-C25
14	Bonnet	ASTM A126A(B)	GG20 GG25
15	Yoke Nut	ASTM B36	Brass
16	Nut	A216 WCB	GS-C25
17	Hand wheel	ASTM A126B	GG25
18	Stem	SS410	X10Cr13



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Dimensions(ANSI B16.1 Flange drilling)

DN	D	D1	L	H	b	n	d
2"	152	120.7	177.8	330	15.8	4	19
2.5"	178	139.7	190.5	385	17.5	4	19
3"	191	152.4	203.2	420	19	4	19
4"	229	190.5	228.6	500	23.9	8	19
5"	254	215.9	254	660	23.9	8	22
6"	279	241.3	266.7	740	25.4	8	22
8"	343	298.5	292.1	930	28.5	8	22
10"	406	362	330.2	1130	30.2	12	25
12"	483	431.8	355.6	1330	31.8	12	25