



BS5163 Rising Stem Cast Iron Gate Valve (Metal Seal)

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Figure: Z41032
 Size : 2"-12"
 Design Standard : BS5163
 Face to Face : BS5163
 Flange Drilling : BS4504 PN16

Application

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

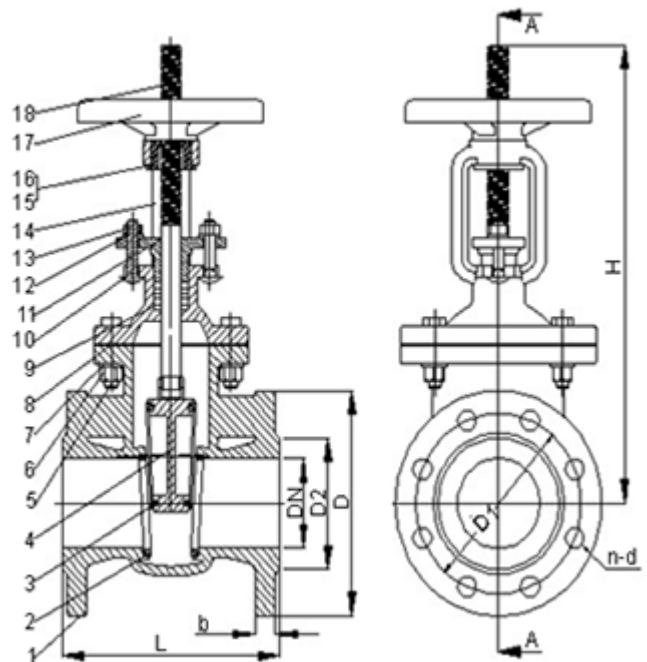
Caution FREEZING WEATHER PRECAUTION - Subsequent to testing a piping system, gate valves should be left in an open position to allow complete drainage.

Specification

Bolted Bonnet; Outside Screw & Yoke
 Rising Stem; Solid Wedge
 Design Standard: BS5163
 Face to Face: BS5163

Materials

No	Part Name	Materials	
1	Body	ASTM A126A(B)	GG20 GG25
2	Seat Ring	ASTM B36/B62, SS410	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(BS4504 PN16 Flange drilling)

DN	D	D1	D2	L	H	b	n	d
50	165	125	99	178	330	17	4	19
65	185	145	118	190	385	17	4	19
80	200	160	132	203	420	19	8	19
100	220	180	156	229	500	21	8	19
125	250	210	184	254	660	23	8	19
150	285	240	211	267	740	23	8	23
200	340	295	266	292	930	27	12	23
250	405	355	319	330	1130	29	12	28
300	460	410	370	356	1330	29	12	28