



# BS5150 Non-Rising Stem Cast Iron Gate Valve (Metal Seal)

## BS5150 Non-Rising Stem Cast Iron Gate Valve(Metal Seal)



Figure: Z45033

Size : 2"-12"

Design Standard : BS5150

Face to Face : BS5150 PN16

Flange Drilling : BS4504

### Specification

Design Standard: BS5150

Face to Face: BS5150 PN16

Testing Conform to BS6755

### Application

Working Temp: 100 °C

Working Pressure: PN10 or PN16

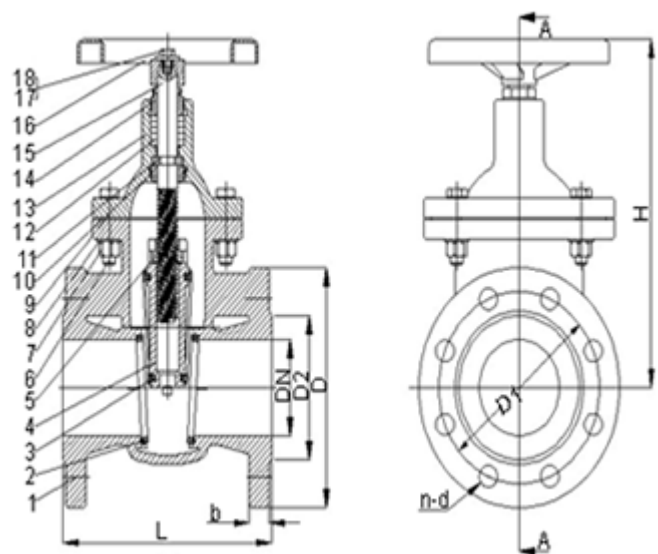
Suitable Media: Water, Steam, Oil

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.

### 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	Wedge Nut	ASTM B36	Brass
6	Bolt	A216 WCB	GS-C25
7	Nut	A216 WCB	GS-C25
8	Washer	A216 WCB	GS-C25
9	Bonnet Gasket	Graphite	Graphite
10	Nut	A216 WCB	A216 WCB
11	Trust Collar	ASTM B36	Brass
12	Packing	Graphite	Graphite
13	Bonnet	ASTM A126A(B)	GG20 GG25
14	Gland	ASTM A126A(B)	GG25
15	Stem	SS410	X10Cr13
16	Hand wheel	ASTM A126B	GG25
17	Washer	A216 WCB	GS-C25
18	Bolt	A216 WCB	GS-C25





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**Dimensions(BS4504 PN16 Flange drilling)**

DN	D	D1	L	H	b	n	d
50	165	125	178	250	17	4	19
65	185	145	190	265	17	4	19
80	200	160	203	300	19	8	19
100	220	180	229	350	21	8	19
125	250	210	254	410	23	8	19
150	285	240	267	450	23	8	23
200	340	295	292	550	27	12	23
250	405	355	330	650	29	12	28
300	460	410	356	710	29	12	28