

**CAST IRON OR DUCTILE IRON
NON-RISING STEM GATE VALVE BOLTED BONNET**

DESIGN DESCRIPTION:

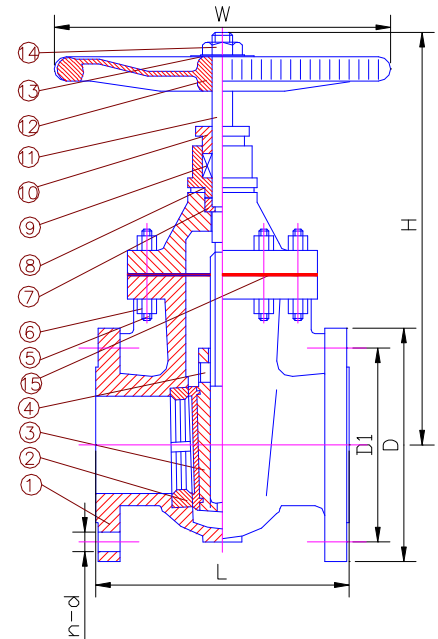
- Design: BS5163;
- Manufacture: Factory STD;
- Face To Face: BS5163
- Flange: BS4504, BS10/16 D/E;
- Bolt Bonnet;
- Metal Seal;
- Material and Working Temp.:
 - ◆ Cast Iron and Ductile Iron: 0 °C-80 °C(32 °F -176 °F)
 - ◆ Brass/bronze Seal: 80 °C(176 °F) Maximum
 - ◆ Stainless Steel Seal: 80 °C(176 °F) Maximum



PARTS AND MATERIAL:

NO.	PARTS NAME	MATERIALS
1	BODY	ASTM A126-B/A536, DIN GG25/GGG40
2	SEAT	BRONZE/BRONZE/STAINLESS STEEL
3	DISC FACE	BRONZE/BRONZE/STAINLESS STEEL
4	BONNET BOLT	CAST STEEL
5	BONNET	ASTM A126-B/A536, DIN GG25/GGG40
6	BONNET BOLT NUT	CAST STEEL
7	O-RING	EPDM
8	PACKING BOX	ASTM A126-B/A536, DIN GG25/GGG40
9	STEM PACKING	SOFT IRON
10	GLAND	ASTM A126-B/A536, DIN GG25/GGG40
11	STEM	2CR13/BRASS
12	HAND WHEEL	CAST IRON OR DUCTILE IRON
13	NAME PLATE	ALUMINUM
14	WHEEL NUT	CAST STEEL
15	GASKET	EPDM

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.



DIMENSIONS LIST(UNIT:MM):

DN	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600
Size	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	15"	20"	24"
L	165	178	190	203	229	254	267	292	330	356	381	406	432	457	508
H	285	302	322	380	420	475	490	645	750	870	940	1060	1180	1300	1420
PN10															
D	150	165	185	200	220	250	285	340	395	445	505	565	615	670	780
n	4	4	4	4	8	8	8	8	12	12	16	16	20	20	20
d	18	18	18	18	18	18	22	22	22	22	22	26	26	26	30
D1	110	125	145	160	180	210	240	295	350	400	460	515	565	620	725
PN16															
D	150	165	185	200	220	250	285	340	405	460	520	580	640	715	840
n	4	4	4	8	8	8	8	12	12	12	16	16	20	20	20
d	18	18	18	18	18	18	22	22	26	26	26	30	30	33	36
D1	110	125	145	160	180	210	240	295	355	410	470	525	585	650	770

✧ We hereby reserve the rights of any alternative dimension that would help to improve our valve's quality and working efficiency.