

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

**DESIGN DESCRIPTION:**

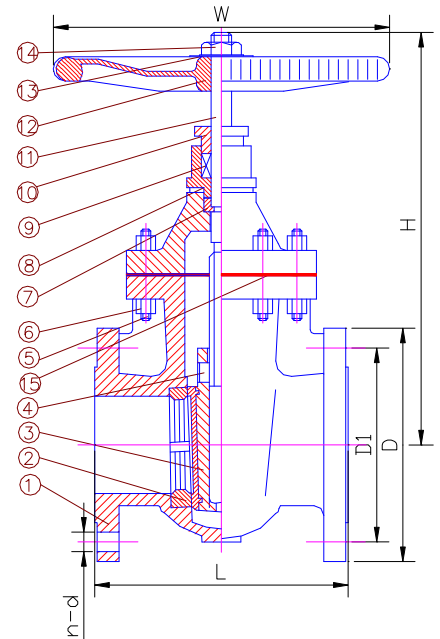
- Design: BS5150;
- Manufacture: Factory STD;
- Face To Face: BS5150
- Flange: BS4504, BS10/16 D/E;
- Bolt Bonnet;
- Metal Seal;
- Material and Working Temp.:
  - ◆ Cast Iron and Ductile Iron: 0 °C-80 °C(32 °F -176 °F)
  - ◆ Brass/bronze Seal: 80 °C(176 °F) Maximum
  - ◆ Stainless Steel Seal: 80 °C(176 °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
Size	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"
L	165	178	190	203	229	254	267	292	330	356
H	279	286	327	356	394	438	486	657	727	826
PN10										
D	150	165	185	200	220	250	285	340	395	445
n	4	4	4	4	8	8	8	8	12	12
d	18	18	18	18	18	18	22	22	22	22
D1	110	125	145	160	180	210	240	295	350	400
PN16										
D	150	165	185	200	220	250	285	340	405	460
n	4	4	4	8	8	8	8	12	12	12
d	18	18	18	18	18	18	22	22	26	26
D1	110	125	145	160	180	210	240	295	355	410

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