

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

### DESIGN DESCRIPTION:

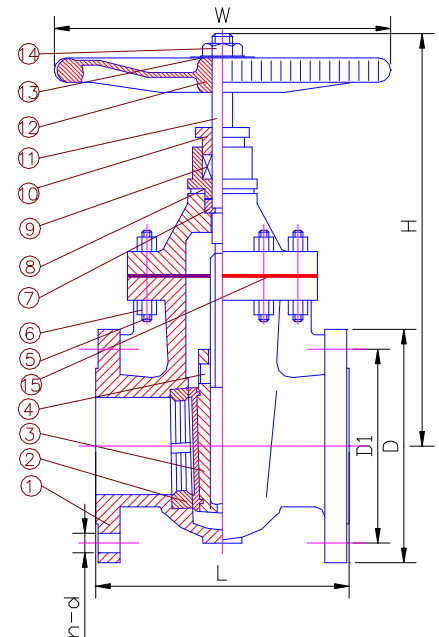
- Design: MSS SP-70;
- Manufacture: Factory STD;
- Face To Face: ANSI B16.10
- Flange: ANSI B16.1;
- Bolt Bonnet;
- Metal Seal;
- Material and Working Temp.:
  - ◆ Cast Iron and Ductile Iron: 0 °C-80 °C(32°F -176°F)
  - ◆ Brass/bronze Seal: 80 °C(176°F) Maximum
  - ◆ Stainless Steel Seal: 80 °C(176°F) 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
Class 125															
D	127	152	178	191	229	254	279	343	406	483	533	597	635	699	813
n	4	4	4	4	8	8	8	8	12	12	12	16	16	20	20
d	16	19	19	19	19	22	22	22	25	25	29	29	32	32	35
D1	98.5	120.5	139.5	152.5	190.5	216	241.5	298.5	362	432	476	539.5	578	635	749.5
Class 150															
D	127	152	178	191	229	254	279	343	406	483	533	597	635	699	813
n	4	4	4	4	8	8	8	8	12	12	12	16	16	20	20
d	16	19	19	19	19	22	22	22	25	25	29	29	32	32	35
D1	98.5	120.5	139.5	152.5	190.5	216	241.5	298.5	362	432	476	539.5	578	635	749.5

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