

BOLTED BONNET GATE VALVES

Gate valves serve as the ON-OFF application valves. As a standard gate valve serves as a bidirectional valve which assists flow in either direction. With the help of wedging action it serves an effective sealing against the flow. The Valve during full open condition forms a through conduit without any obstruction, this helps in smooth flow and less pressure drop.

Standard compliance

Design compliance : API 600 & ASME B16.34

Face to Face : ASME B16.10

End Flange : ASME B16.5

Testing : API 598

Trims : 1,5,8,12,16 & Other combinations as per Customer requirements

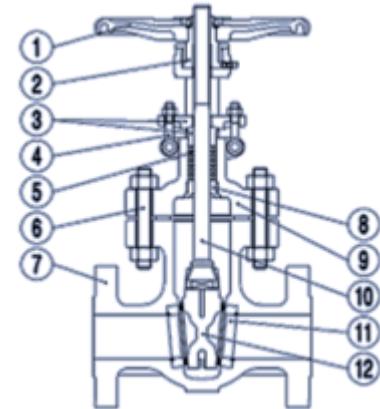


Size ranges

Size (NPS)	Class		
	150	300	600
2	✓	✓	✓
3	✓	✓	✓
4	✓	✓	✓
6	✓	✓	✓
8	✓	✓	✓
10	✓	✓	✓
12	✓	✓	✓
14	✓	✓	✗
16	✓	✓	✗
18	✓	✓	✗
20	✓	✓	✗
24	✓	✓	✗

Dimensions

Size (NPS)	End to End (mm)		
	150	300	600
2	178	216	292
3	203	282	356
4	229	305	432
6	267	403	559
8	292	419	660
10	330	457	787
12	356	502	838
14	381	762	✗
16	406	838	✗
18	432	914	✗
20	457	991	✗
24	508	1143	✗



Item No	Description
1	Hand wheel
2	Yoke sleeve
3	Gland Flange
4	Gland Bolt
5	Packing
6	Bonnet Bolt
7	Body
8	Bonnet bust
9	Bonnet
10	Stem
11	Seat Ring
12	Wedge

BOLTED BONNET GLOBE VALVES

Globe valves serve as the control application valves. As a standard globe valve serves as a unidirectional valve. The globe valves shall be used in all regulation applications to control the flow. These valves are used in frequently operating condition

Standard compliance

Design compliance : BS 1873& ASME B16.34

Face to Face : ASME B16.10

End Flange : ASME B16.5

Testing : API 598

Trims : 1,5,8,12,16 & other combinations as per Customer requirements

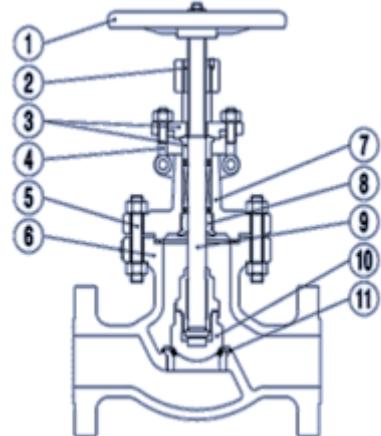


Size ranges

Size (NPS)	Class		
	150	300	600
2	✓	✓	✓
3	✓	✓	✓
4	✓	✓	✓
6	✓	✓	✓
8	✓	✓	✓
10	✓	✓	✓
12	✓	✓	✓

Dimensions

Size (NPS)	End to End (mm)		
	150	300	600
2	203	267	292
3	241	318	356
4	292	356	432
6	406	444	559
8	495	559	660
10	622	622	787
12	698	711	838



Item No	Description
1	Hand wheel
2	Yoke sleeve
3	Gland Flange
4	Gland Bolt
5	Bonnet Bolt
6	Body
7	Bonnet bust
8	Bonnet
9	Stem
10	Disc
11	Seat Ring

BOLTED COVER CHECK VALVES

Check valve is commonly referred as the non-return valve. The disk opens with the help of flow and pressure and seals against the gravity. The flow shall be horizontal normally and if installed vertically the flow shall be towards upward direction.

Standard compliance

Design compliance: BS 1868& ASME B16.34

Face to Face : ASME B16.10

End Flange : ASME B16.5

Testing : API 598

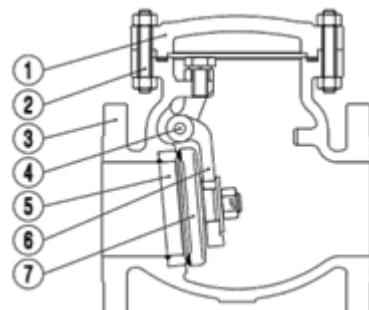
Trims : 1, 5, 8, 12, 16 & other specifications

Size ranges

Size (NPS)	Class		
	150	300	600
2	✓	✓	✓
3	✓	✓	✓
4	✓	✓	✓
6	✓	✓	✓
8	✓	✓	✓
10	✓	✓	✓
12	✓	✓	✓
14	✓	✓	✗
16	✓	✓	✗
18	✓	✓	✗
20	✓	✓	✗
24	✓	✓	✗

Dimensions

Size (NPS)	End to End (mm)		
	150	300	600
2	203	267	292
3	241	318	356
4	292	356	432
6	356	444	559
8	495	533	660
10	622	622	787
12	698	711	838
14	787	838	✗
16	914	864	✗
18	978	978	✗
20	978	1016	✗
24	1295	1044	✗



Item No	Description
1	Cover
2	Bolt
3	Body
4	Hinge Pin
5	seat Ring
6	Hinge
7	Disc

S & S TECHNOLOGIES

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