

Technical Data:

Manufacturing STD	: AWWA ISO 13095 BS EN 593
Testing & Inspection	: AWWA
Face to Face	: As Per ANSI B16.10 AWWA DIN3202 ISO5752
Shell Wall Thickness	: ANSI B16.34
End Connections	: Flanged As Per ANSI B16.5

Applications:

- Flow Control
- Sealing
- Bi- Directional Service
- Rising Stem Design
- Low Maintenance
- Quick Operation

Material Specifications:

Part No.	Parts	Materials
1	Body	ASTM A536 (Ductile Iron)
2	Bonnet	ASTM A536 (Ductile Iron)
3	Wedge	AISI 304/ AISI 316/ 13% Cr. SS
4	Seat Ring	AISI 304/ AISI 316/ 13% Cr. SS
5	Stem	Carbon Steel
6	Gland	Carbon Steel
7	Yoke Sleeve	Al. Bronze/ NI-Resist
8	Back Seat Bush	AISI 410
9	Gasket	Spiral Wound Metallic Gasket
10	Gland Packing	Metallic Wire Reinforced Graphited Asbestos
11	Bonnet Stud & Nut	ASTM A193 Gr. B7 ASTM A193 Gr. 2H
12	Eye Bolt & Nut	ASTM A193 Gr. B7 ASTM A193 Gr. 2H
13	Hand Wheel	ASTM A536 (Ductile Iron)
14	Hand Wheel Nut	Carbon Steel

Suitable for

Steam	Water	Oil	Air	Gases
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Note: It may varies in usage, please consult a Technical Engineer for appropriate materials.

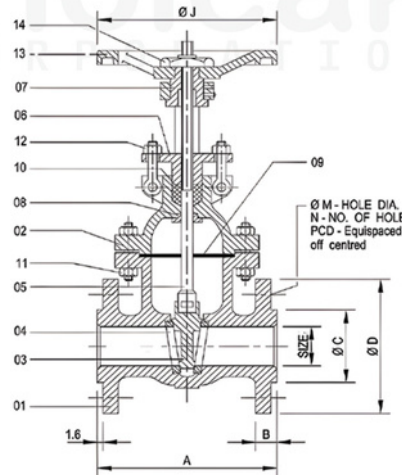
Primary Service Rating & Test Pressure

Class	Working Pressure	Temperature	Hyd. Test Pressure	
			Body	Seat
150	150 PSIG	500°F	425 PSIG	300 PSIG
300	300 PSIG	600°F	1100 PSIG	800 PSIG

Air Test- 80 PSIG ±10 PSIG

Dimensions:

DN	L	ANSI 150			
		D	DI	n-D	
50	178	150	120.5	4-19	
80	190	180	139.5	4-19	
85	203	190	152.5	4-19	
100	229	230	190.5	8-19	
125	254	255	216	8-22	
150	267	280	241.5	8-22	
200	292	345	298.5	8-22	
250	330	405	362	12-25	
300	356	485	432	12-25	
350	361	535	478	12-29	
400	406	595	540	16-29	
450	432	635	578	16-32	
500	457	700	635	20-32	
600	508	815	749.5	20-35	
700	610	925	863.5	28-35	
800	660	1060	978	28-41	
900	711	1170	1066	32-41	
1000	813	1290	1200	36-41	
1200	-	1510	1422.5	40-41	



Sizes		Class 150								Class 300							
in	mm	A	B	ØC	ØD	ØM	N	PCD	ØJ	A	B	ØC	ØD	ØM	N	PCD	ØJ
1"	25	127	11	51	108	16	4	79.2	123	-	-	-	-	-	-	-	-
1-1/2"	40	165.1	14.2	73	127	16	4	98.5	152	190.5	20.5	73	155.4	22	4	114.3	152
2"	50	177.8	15.7	92	152	19	4	120.6	203	215.9	22	92	165	19	8	127	203
2-1/2"	65	190.5	17.5	105	178	19	4	139.7	203	241.3	25	105	190.5	22	8	149.3	203
3"	80	203.2	19	127	190.5	19	4	152.4	254	282.5	28.5	127	209.5	22	8	167.1	254
4"	100	228.6	24	157	229	19	8	190.5	305	304.8	32	157	254	22	8	200.1	305
5"	125	254	24	186	254	22	8	215.9	305	381	35	186	279.4	22	8	243.9	356
6"	150	266.7	25	216	279	22	8	241.3	356	403.2	36.5	216	317.5	22	12	267.7	356
8"	200	292.1	28.5	270	343	22	8	298.4	356	419.1	41	270	381	25	12	330.2	406
10"	250	330.2	30	324	406	25	12	362	406	457.2	48	324	444.5	29	16	387.3	457
12"	300	355.6	32	381	483	25	12	431.8	457	501.6	51	381	520.7	32	16	450.8	508
14"	350	381	35	413	534	28	12	476.2	508	762	54	413	584.2	32	20	514.3	508
16"	400	406.4	36.5	470	597	28	16	539.7	508	838.2	57	470	647.7	32	20	571.5	508