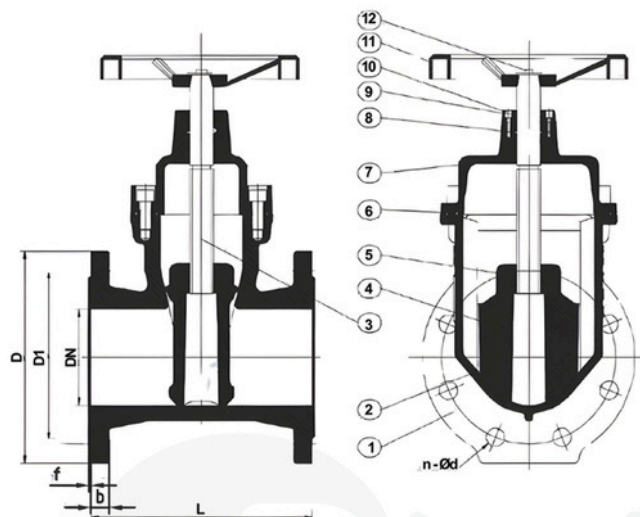


Technical Data:

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
- Non-Rising Stem Design
- Low Maintenance
- Quick Operation

**Material Specifications:**

Part No.	Part Name	Materials
1	Body	Ductile Iron
2	Seat	EPDM
3	Shaft	SS416
4	Wedge	Ductile Iron
5	Wedge Nut	Brass
6	Bonnet Gasket	EPDM
7	Bonnet	Ductile Iron
8	Sealing Ring	EPDM
9	Socket Head Screw	A20-70
10	O-Ring	EPDM
11	Hand Wheel	Ductile Iron
12	Stem Nut	A2-70

Suitable for				
Steam	Water	Oil	Air	Gases
•	•	•	•	•

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:

Sizes		L			PN16			PN10			JIS 10K			ANSI 150					
Inches	DN	F4	F5	BS5163	D	DI	n-Ød	D	DI	n-Ød	D	DI	n-Ød	D	DI	n-Ød	L	b	f
2	50	150	250	178	165	125	4-19	165	125	4-19	155	120	4-19	150	120.5	4-19	178	19	3
2.5	65	170	270	190	185	145	4-19	185	145	4-19	175	140	4-19	180	139.5	4-19	190	19	3
3	80	180	280	203	200	160	8-19	200	160	8-19	185	150	4-19	190	152.5	4-19	203	19	3
4	100	190	300	229	220	180	8-19	220	180	8-19	210	175	8-19	230	190.5	8-19	229	19	3
5	125	200	325	254	250	210	8-19	250	210	8-19	250	210	8-23	255	216	8-22	254	19	3
6	150	210	350	267	285	240	8-23	285	240	8-23	280	240	8-23	280	241.5	8-22	267	19	3
8	200	230	400	292	340	295	12-23	340	295	8-23	330	290	12-23	345	298.5	8-22	292	20	3
10	250	250	450	330	405	355	12-28	395	350	12-23	400	355	12-25	405	362	12-25	330	22	3
12	300	270	500	356	460	410	12-28	445	400	12-23	445	400	16-25	485	432	12-25	356	24.5	4
14	350	290	550	381	520	470	16-28	505	460	16-23	490	445	16-25	535	476	12-29	381	26.5	4
16	400	310	600	406	580	525	16-31	565	515	16-28	560	510	16-27	595	540	16-29	406	28	4
18	450	330	650	432	640	585	20-31	615	565	20-28	620	565	20-27	635	578	16-32	432	30	4
20	500	350	700	457	715	650	20-34	670	620	20-28	675	620	20-27	700	635	20-23	457	31.5	4
24	600	390	800	508	840	770	24-37	780	725	20-31	795	730	24-33	815	749.5	20-35	508	36	5
28	700	430	900	610	910	840	24-37	895	840	24-31	905	840	24-33	925	863.5	28-35	610	39.5	5
32	800	470	1000	660	1025	950	24-41	1015	950	28-34	1020	950	28-33	1060	978	28-41	660	43	5
36	900	510	1100	711	1125	1050	28-41	1115	1050	28-34	1120	1050	28-33	1170	1086	32-41	711	46.5	5
40	1000	550	1200	813	1255	1170	28-44	1230	1160	28-37	1235	1160	28-39	1290	1200	36-41	813	50	5
48	1200	630	-	-	1485	1390	32-50	1455	1380	32-41	1465	1380	32-39	1510	1422.5	40-41	-	57	5