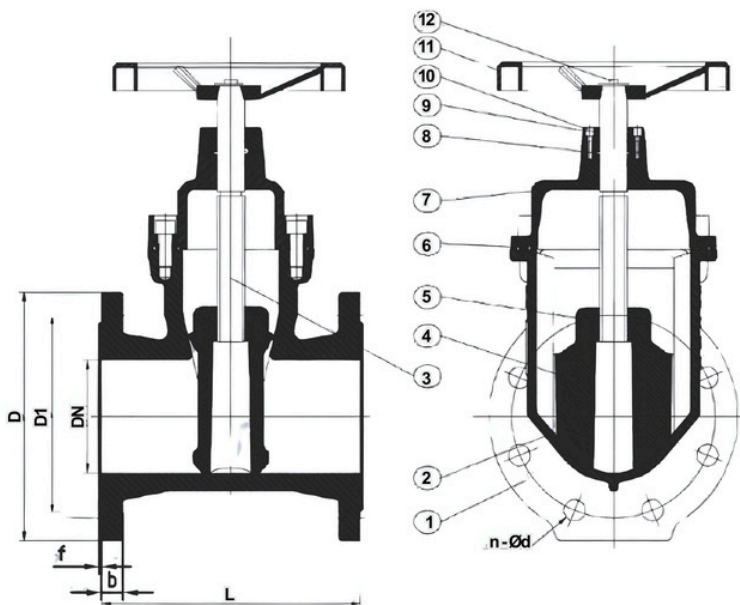


TECHNICAL DATA :

Manufacturing STD : API 609 Category A / AWWA / IS: 13095 / BS EN 593
Testing & Inspection STD : API 598 / AWWA
Face to Face : As Per ANSI B16.10 / API609 / AWWA / DIN3202 / ISO5752
Shell Wall Thickness : ANSI B16.34
End Connections : Flanged As Per ANSI B16.5

APPLICATION :

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



ITEM	PART NAME	MATERIAL
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	A2-70
10	O-ring	EPDM
11	HAND WHEEL	Ductile Iron
12	Stem Nut	A2-70

SUITABLE FOR				
STEAM	WATER	OIL	AIR	GASES
●	●	●	●	●

Note: It varies on usage, please consult a Technical Engineer for appropriate materials.

DN	L	ANSI 150		
		D	D1	N-d
DN50	178	150	120	4-19
DN65	190	180	140	4-19
DN80	203	190	150	4-19
DN100	229	230	175	8-19
DN125	254	255	210	8-23
DN150	267	280	240	8-23
DN200	292	345	290	12-23
DN250	330	405	355	12-25
DN300	356	485	400	16-25
DN350	381	535	445	16-25
DN400	406	595	510	16-27
DN450	432	635	565	20-27
DN500	457	700	620	20-27
DN600	508	815	730	24-33
DN700	610	925	840	24-33
DN800	860	1060	950	28-33
DN900	711	1170	1050	28-33
DN1000	813	1290	1160	28-39

MEASUREMENTS IS IN MILLIMETER

PRIMARY SERVICE RATING & TEST PRESSURE				
CLASS	WORKING PRESSURE	TEMP.	HYD. TEST PRESS.	
			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



SIZE	L					PN16			PN10			JIS 10K			ANSI 150				b	f
in	DN	F4	F5	BS5163	D	D1	n-Ød	D	D1	n-Ød	D	D1	n-Ød	D	D1	n-Ød	L			
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	20-32	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	24-34	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	