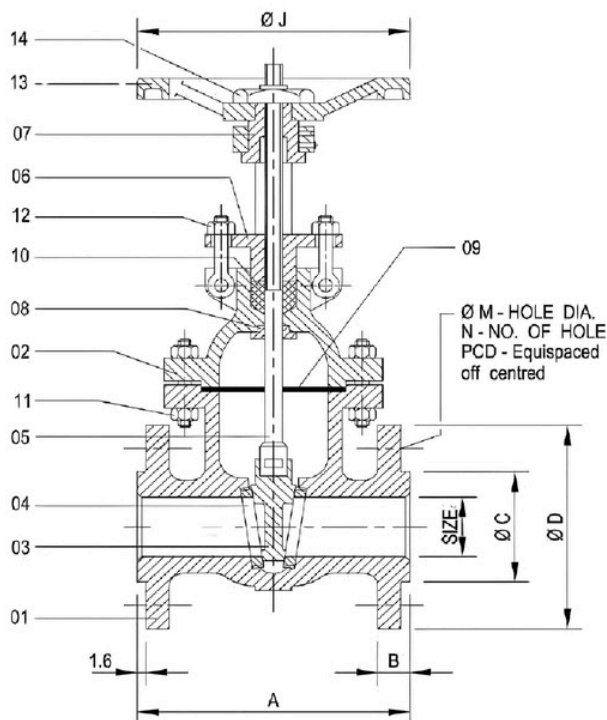


TECHNICAL DATA :

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 /
 Shell Wall Thickness : ISO5752
 End Connections : ANSI B16.34
 Flanged As Per ANSI B16.5

APPLICATION :

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



NO.	DESCRIPTION	MATERIAL
1	BODY	A546 (Ductile Iron)
2	BONNET	A546 (Ductile Iron)
3	WEDGE	AISI 304 / AISI 316 / 13% CR. S. S.
4	SEAT RING	AISI 304 / AISI 316 / 13% CR. S. S.
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 METALIC GASKET
10	GLAND PACKING	METALIC WIRE REINFORCED GRAPHITED ASBESTOS
11	BONNET STUD & NUT	ASTM A 193 Gr. B7 ASTM A 193 Gr. 2H
12	EYE BOLT & NUT	ASTM A 193 Gr. B7 ASTM A 193 Gr. 2H
13	HAND WHEEL	Ductile Iron
14	HAND WHEEL NUT	CARBON STEEL

DN	L	ANSI 150		
		D	D1	n-D
DN50	178	150	120.5	4-19
DN85	190	180	139.5	4-19
DN80	203	190	152.5	4-19
DN100	229	230	190.5	8-19
DN125	254	255	216	8-22
DN150	267	280	241.5	8-22
DN200	292	345	298.5	8-22
DN250	330	405	362	12-25
DN300	356	485	432	12-25
DN350	361	535	478	12-29
DN400	406	595	540	16-29
DN450	432	635	578	16-32
DN500	457	700	635	20-32
DN600	508	815	749.5	20-35
DN700	610	925	863.5	28-35
DN800	660	1060	978	28-41
DN900	711	1170	1066	32-41
DN1000	813	1290	1200	36-41
DN1200	-	1510	1422.5	40-41

MEASUREMENT IS IN MILLIMETER

SUITABLE FOR				
STEAM	WATER	OIL	AIR	GASES
•	•	•	•	•

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

PRIMARY SERVICE RATING & TEST PRESSURE				
CLASS	WORKING PRESSURE	TEMP.	HYD. TEST PRESS.	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		CLASS - 150							
IN.	M.M.	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
2"	50	177.8	15.7	92	152	19	4	120.6	203
2 1/2"	65	190.5	17.5	105	178	19	4	139.7	203
3"	80	203.2	19	127	190.5	19	4	152.4	254
4"	100	228.6	24	157	229	19	8	190.5	305
5"	125	254	24	186	254	22	8	215.9	305
6"	150	266.7	25	216	279	22	8	241.3	356
8"	200	292.1	28.5	270	343	22	8	298.4	356
10"	250	330.2	30	324	406	25	12	362	406
12"	300	355.6	32	381	483	25	12	431.8	457
14"	350	381	35	413	534	28	12	476.2	508
16"	400	406.4	36.5	470	597	28	16	539.7	508

SIZE		CLASS - 300							
IN.	M.M.	A	B	øC	øD	øM	N	PCD	øJ
1 1/2"	40	190.5	20.5	73	155.4	22	4	114.3	152
2"	50	215.9	22	92	165	19	8	127	203
2 1/2"	65	241.3	25	105	190.5	22	8	149.3	203
3"	80	282.5	28.5	127	209.5	22	8	167.1	254
4"	100	304.8	32	157	254	22	8	200.1	305
5"	125	381	35	186	279.4	22	8	234.9	356
6"	150	403.2	36.5	216	317.5	22	12	269.7	356
8"	200	419.1	41	270	381	25	12	330.2	406
10"	250	457.2	48	324	444.5	29	16	387.3	457
12"	300	501.6	51	381	520.7	32	16	450.8	508
14"	350	762	54	413	584.2	32	20	514.3	508
16"	400	838.2	57	470	647.7	32	20	571.5	508