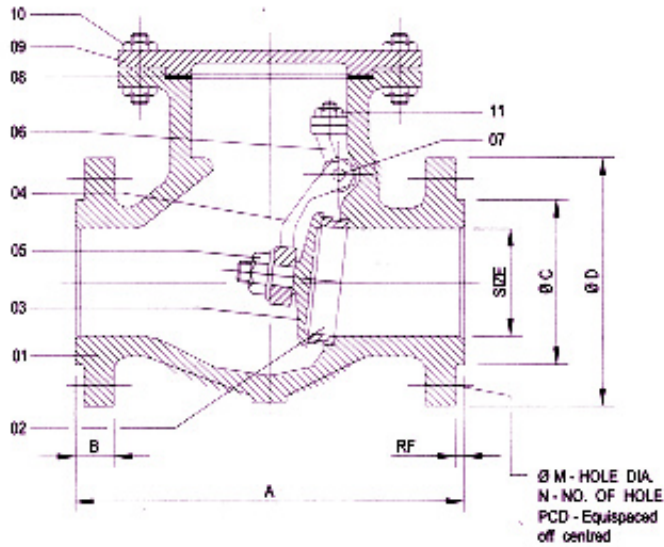


UNIMAC CHECK VALVES

Swing check Valve [Class 150 / 300 / 600]

Technical Data	
Manufacturing STD	: ANSI B 16.34 / BS 1868
Testing & Inspection STD	: API 598 / BS 5146
Face to Face	: As per ANSI B 16.10
Shell wall thickness	: ANSI B 16.34
End connections	: Flanged as per ANSI B 16.5



Class	RF
150	1.6 MM
300	1.6 MM
600	6.35 MM

No.	Description	Material	Qty.
01	Body	ASTM A 216 Gr. WCB/ ASTM A 351 CF8/CF8M	1
02	Seat Ring	Carbon Steel with 13% CR	1
03	Disc	ASTM A 216 Gr. WCB with 13 % CR	1
04	Hinge	ASTM A 216 Gr. WCB	1
05	Disc Nut	ASTM A 216 Gr. B7 ASTM A 216 Gr. 2H	1
06	Bracket	ASTM A 216 Gr. WCB	1
07	Hinge pin	S.S. AISI 410	1
08	Gasket	Compressed Asbestos Fibre	1
09	Cover	ASTM A 216 Gr. WCB	
10	Cover Stud & Nut	ASTM A 193 Gr. B7 ASTM A 194 Gr. 2H	--
11	Bracket Stud /Nut	ASTM A 216 Gr. WCB	1

Class - 150

Size	A	B	øC	øD	øM	N	PCD
40	166	17.5	73	127.0	16	4	98.5
50	202	19.0	92	152.0	19	4	120.5
65	217	22.3	105	178.0	19	4	140.0
80	242	24.0	127	190.5	19	4	152.4
100	293	24.0	157	229.0	19	8	190.5
150	357	25.0	216	279.0	22	8	241.0
200	494	28.5	270	343.0	22	8	298.0
250	623	30.0	324	406.0	25	12	362.0
300	698	32.0	381	483.0	25	12	432.0
350	788	35.0	413	533.0	29	12	476.2
400	863	36.5	470	597.0	29	16	539.8

Class - 300

Size	A	B	øC	øD	øM	N	PCD
40	242	20.5	73	155.5	22	4	114.0
50	268	22.0	92	165.0	19	4	127.0
65	291	25.0	105	190.5	22	8	149.0
80	318	28.5	127	209.5	22	8	168.0
100	357	32.0	157	254.0	22	8	200.0
150	445	36.5	216	317.5	22	12	270.0
200	532	41.0	270	381.0	25	12	330.0
250	621	47.5	324	444.5	29	16	387.0
300	710	51.0	381	521.0	32	16	451.0
350	839	54.0	413	584.0	32	20	514.0
400	864	57.0	470	648.0	35	20	571.0

Hydrostatic Test Pressure			Service Rating	
Class	Body	Seat	Pressure	Temp.
150	425 PSIG	300 PSIG	150 PSIG	500° F
300	1100 PSIG	750 PSIG	300 PSIG	850° F
600	2175 PSIG	1500 PSIG	600 PSIG	850° F

Air Test - Seat 80 PSIG ± PSIG

Suitable for Steam, Water, Oil

Class - 600

Size	A	B	øC	øD	øM	N	PCD
40	242	28.7	73	156.0	22	4	114.0
50	291	31.7	92	165.0	19	8	127.0
65	329	34.8	105	191.0	11	8	149.0
80	355	38.1	127	210.0	11	8	168.0
100	431	44.5	157	273.0	25	8	216.0
150	558	54.1	216	356.0	29	12	292.0
200	659	62.0	270	419.0	32	12	349.0
250	788	69.8	324	508.0	35	16	432.0
300	839	72.9	381	559.0	35	20	489.0

All dimension are in mm

Note : Due to constant up gradation, dimensions are subject to change by the manufacturer.