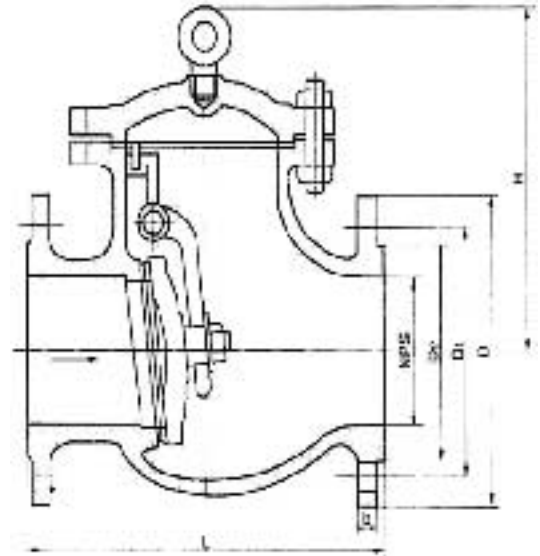


CAST STEEL SWING CHECK VALVES
150 Lb/300 Lb/600 Lb RAISED FACE FLANGED
SERIES : COP771F - 777F



INDUSTRY STANDARD

TYPE	DESIGN & MANUFACTURE	FACE TO FACE/ END TO END	FLANGE DIMENSION	PRESSURE TEMP. LATING	INSPECTION & TEST
Swing Check Valve	ANSI B16.34	ANSI B16.10	ANSI B16.15	ANSI B16.34	API 598

TEST SPECIFICATIONS

(Lb) NOMINAL PRESSURE		150 Lb	300 Lb	600 Lb
Shell Test	Psi	450	1125	2225
Water Seal Test	Psi	315	815	1630
Air Seal Test	Psi	60 ~ 100		

BILL OF MATERIAL

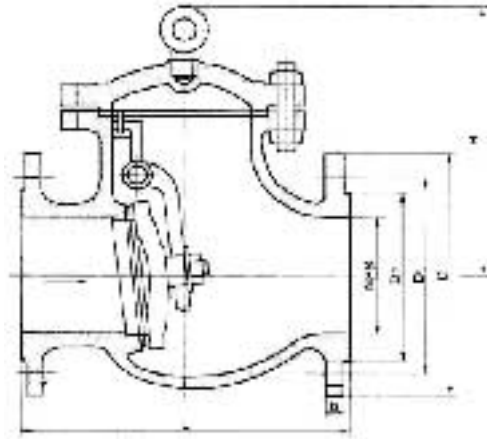
DESCRIPTION	MATERIAL	SUITABLE APPLICATION
Body	WCB	Water Steam Petroleum Products
Cap	WCB	
Seat Ring	Hard Faced	
Disc	13% CR Overlay	
Hinge	WCB	
Pins, Hinge	410SS	
Disc Washer	Steel	
Cap Screw	A307 Gr.B7	
Cap Gasket	SS Tanged Ref. Flex. Graphite	
Cap Studs	A193 Gr. B7	
Cap Nuts	A194 Gr. 2H	
I.D. Tags	SS	
I.D. Pins	Steel	

* Due to the continuous development of our products, design or construction may change without prior notice



CAST STEEL SWING CHECK VALVES

CLASS 150 Lb/300 Lb/600 Lb
SERIES : COP771F - 777F



DIMENSIONS

UNIT : INCHES

NPS (in)	DN (mm)	CLASS 150 Lb						WT (Lb)
		L	D	D1	D2	b	H	
2"	50	8	7	5	4	1	7	38
2.5"	65	9	7	6	5	1	7	51
3"	80	10	8	6	5	1	8	73
4"	100	12	9	8	7	1	9	97
6"	150	14	11	10	9	1	11	172
8"	200	20	14	12	11	2	12	302
10"	250	25	16	15	13	2	14	456
12"	300	28	19	17	15	2	16	614
14"	350	31	21	19	17	2	18	852
16"	400	34	24	22	19	2	20	982
18"	450	39	25	23	21	2	21	1367
20"	500	39	28	25	23	2	22	1694
24"	600	51	32	30	28	2	35	2134
CLASS 300 Lb								
2"	50	11	7	5	4	1	7	44
2.5"	65	12	8	6	5	1	8	53
3"	80	13	9	7	5	2	9	88
4"	100	14	10	8	7	2	10	113
6"	150	18	13	11	9	2	12	198
8"	200	21	15	13	11	2	13	385
10"	250	25	18	16	13	2	15	462
12"	300	28	21	18	15	2	17	630
14"	350	33	23	21	17	3	19	880
16"	400	34	26	23	19	3	21	1210
18"	450	39	28	25	21	3	23	1540
20"	500	40	31	27	23	3	24	1892
24"	600	53	36	32	28	3	34	4249
CLASS 600 Lb								
2"	50	12	7	5	4	1	8	75
2.5"	65	13	8	6	5	2	9	99
3"	80	14	9	7	5	2	10	139
4"	100	17	11	9	7	2	12	251
6"	150	22	14	12	9	2	13	456
8"	200	26	17	14	11	3	15	852
10"	250	31	20	17	13	3	18	1276
12"	300	33	22	20	15	3	23	1712
14"	350	35	24	21	17	3	25	2170
16"	400	39	27	24	19	3	27	3036

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