

CAST STEEL CHECK VALVE



MATERIALS OF CONSTRUCTIONS

SL. No.	DESCRIPTION	MATERIAL
1	BODY	WCB / LCB / CF8 / CF8M
2	BODY SEAT	SS 410 / 304 / 316
3	DISC	WCB / LCB / CF8 / CF8M
4	DISC SEAT FACING	13% Cr, OVERLAY ON WCB / CA-15 / CF8 / CF8M
5	HINGE PIN	SS 410 / 304 / 316 / 431
6	HINGE	WCB / LCB / CF8 / CF8M
7	WASHER	SS-410 / 304
8	DISC LOCK NUT	SS 410 / 304 / 316
9	LOCKING PIN / SPLIT PIN	SS-410 / 304
10	GASKET	RUBBER / SP.WOUND-SS-304-ASB / GRAF FILLER
11	COVER	WCB / LCB / CF8 / CF8M
12	STUDS & NUTS	ASTM A193, Gr B7 & A194, Gr.2H / SS-304
13	LIFTING EYE BOLTS	ASTM A105 / SS-304

DESIGN FEATURES

SIZE RANGE	50 MM TO 600 MM
PRESSURE RATING	CLASS-150#, CLASS-300#
DESIGN STANDARD	BS 1868
FLANGE ENDS	ASME B16.5
MATERIAL	WCB / LCB / CF8 / CF8M
TESTING STANDARD	API 598
ASSESSORIES	DASHPOT, BY-PASS, DRAIN PLUG

HYDROSTATIC TEST PRESSURE (Kg/Cm²)

RATING	BODY	SEAT
CLASS-150#	32	22
CLASS-300#	79	57

DIMENSION TABLE

SL. No.	SIZE	FACE TO FACE	FLANGE DIA	FLANGE THICKNESS	R.F. DIA	R.F. THIK	PCD	NO. OF HOLE	HOLE DIA
1	50 MM	203	150	19.5	92	2	120.7	4	19
2	65 MM	216	180	21.7	105	2	139.7	4	19
3	80 MM	241	190	24.3	127	2	152.4	4	19
4	100 MM	292	230	24.3	157	2	190.5	8	19
5	125 MM	330	255	24.3	186	2	215.9	8	22.2
6	150 MM	356	280	25.9	216	2	241.3	8	22.2
7	200 MM	495	345	29	270	2	298.5	8	22.2
8	250 MM	622	405	30.6	324	2	362	12	25.4
9	300 MM	698	485	32.2	381	2	431.8	12	25.4
10	350 MM	787	535	35.4	413	2	476.3	12	28.6
11	400 MM	864	595	37	470	2	539.8	16	28.6
12	450 MM	978	635	40.1	533	2	577.9	16	31.8
13	500 MM	978	700	43.3	584	2	635	20	31.8
14	600 MM	1295	815	48.1	692	2	749.3	20	35

ALL DIMENSIONS ARE IN MM.