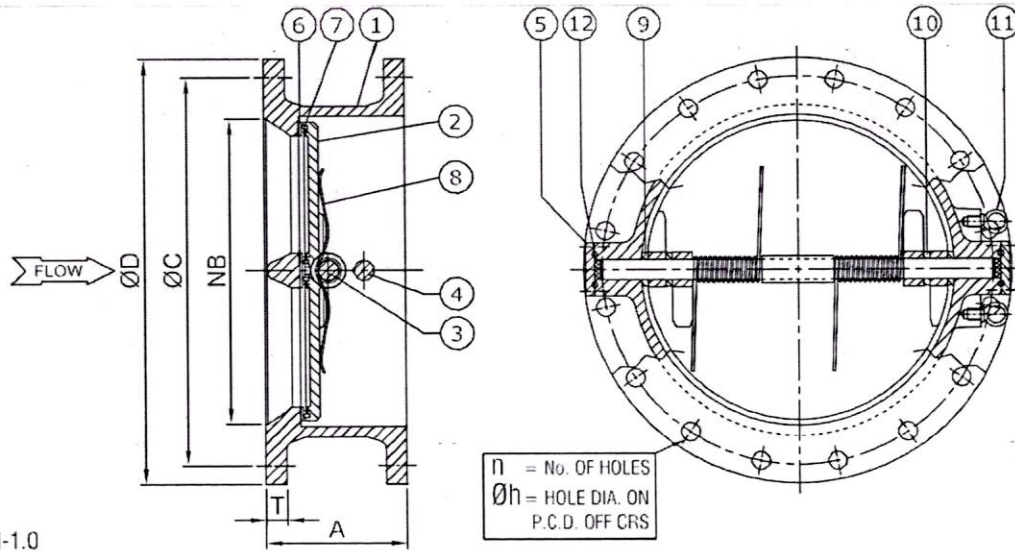
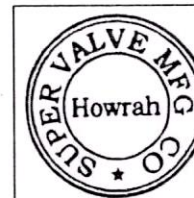




-	-	1200	524 ±5	1455	53	1380	32	40
-	-	1100	440 ±5	1340	50	1270	32	37
-	-	1000	432 ±5	1230	47	1160	28	37
-	-	900	368 ±4	1115	44	1050	28	34
-	-	800	356 ±4	1015	41.5	950	24	34
-	-	750	305 ±4	960	40	900	24	31
-	-	700	305 ±4	895	38.5	840	24	31
-	-	600	222 ±3	780	36	725	20	31
-	-	500	213 ±3	670	33	620	20	28
-	-	450	203 ±3	615	31.5	565	20	28
-	-	400	191 ±3	565	30	515	16	28
-	-	350	184 ±3	505	29	460	16	23
-	-	300	181 ±3	445	27.5	400	12	23
-	-	250	140 ±2	395	26	350	12	23
-	-	200	127 ±2	340	24.5	295	8	23
-	-	150	95 ±2	285	23	240	8	23
-	-	125	83 ±2	250	22.5	210	8	19
-	-	100	67 ±2	220	22	180	8	19
-	-	80	67 ±2	200	21	160	4	19
-	Nos.	NB	A	ØD	T	ØC	n	Øh
SL. No.	Qty.	VALVE SIZE	FACE TO FACE	FLANGE DIMENSIONS				

0	-	-	-	-	-	ISSUED FOR APPROVAL
REV	ZONE	APPVD BY	DATE	PARTICULARS		
REFERENCE DRAWING						REVISION



MATERIALS OF CONSTRUCTION			
SL.No.	DESCRIPTION	MATERIAL	SPECIFICATION
1	BODY	CAST IRON	IS:210 Gr. FG 200
2	DISC / PLATE		
3	HINGE PIN	STAINLESS STEEL	AISI-410
4	STOP PIN		
5	PLUG (UP TO 500NB)	CARBON STEEL	GALVANIZED
	END PLATE (ABOVE 500NB)	MILD STEEL	IS:2062 Gr. A
6	BODY SEAT	STAINLESS STEEL	ASTM A351 CF8 / AISI-304
7	DISC / PLATE SEAL	NITRILE RUBBER	SHORE HARDNESS 65 ±5
8	SPRING	STAINLESS STEEL	AISI-304
9	BODY LUG BEARING	L.T BRONZE	IS:318, LTB-2
10	DISC LUG BEARING		
11	LIFTING HOOK (300NB & ABOVE)	CARBON STEEL	FORGED QUALITY
12	O-RING (ABOVE 500NB)	NITRILE RUBBER	SHORE HARDNESS 65 ±5

HYDROSTATIC TEST PRESSURE FOR PN-1.0

BODY TEST PRESSURE :- 15 Kg./Sq.Cm.(g) WITH WATER DURATION 5 MIN.
 SEAT TEST PRESSURE :- 10 Kg./Sq.Cm.(g) WITH WATER DURATION 2 MIN.

(APPROVAL STAMP)

NOTES	1. ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE STATED.		
	2. THE DUAL DISC TYPE FLANGED ENDS CHECK VALVES DESIGN AS PER API-594 & INSPECTION STD. API-598.		
	3. FLANGED ENDS SHALL BE FLAT FACED & DRILLED TO IS:1538 (Table-4 & 6).		
	4. VALVES MUST BE INSTALLED WITH THE DISC HINGE PIN IN THE VERTICAL POSITION.		
CLIENT'S REF.	5. DISC FULLY OPEN (85 deg.) UNDER NORMAL FLOW.		
	6. THE ARROW MARK SHALL BE CAST INTEGRALLY ON THE BODY TO INDICATE THE DIRECTION OF FLOW.		
	7. PAINTING:- ALL VALVES SHALL BE PAINTED WITH BLACK BITUMINOUS PAINT.		
	8. MARKING:- BRAND NAME / SIZE / RATING / HEAT NO. & SL. NO.		
PROJECT	-		
P.O No	-		
CONTRACTOR	-		
PURCHASER	-		

SUPER	2018	INITIAL	DATE
	DRAWN	S.PAL	02.07.2025
	CHECKED	S.DAS	02.07.2025
	APPROVED	P.HAZRA	02.07.2025
		JOB No.	SCALE : N.T.S.
		ENQ-222	

TITLE: CIDF DUAL PLATE CHECK VALVE.

DRAWING NO.: SVMC/CV/22/2025-2026 REV. 0