

n = No. OF HOLES
 Øh = HOLE DIA. ON
 P.C.D. OFF CRS

PN-20

14	-	600	1295 ±3	780	36	725	20	31	
13	-	500	978 ±5	670	33	620	20	28	
12	-	450	978 ±5	615	31.5	565	20	28	
11	-	400	914 ±5	565	30	515	16	28	
10	-	350	787 ±4	505	29	460	16	23	
9	-	300	698 ±4	445	27.5	400	12	23	
8	-	250	622 ±4	395	26	350	12	23	
7	-	200	495 ±3	340	24.5	295	8	23	
6	-	150	356 ±3	285	23	240	8	23	
5	-	125	330 ±3	250	22.5	210	8	19	
4	-	100	292 ±2	220	22	180	8	19	
3	-	80	241 ±2	200	21	160	4	19	
2	-	65	216 ±2	185	16	145	4	19	
1	-	50	203 ±2	165	16	125	4	19	
-	Nos.	NB	A	ØD	T	ØC	n	Øh	
SL. No	QTY.	VALVE SIZE	FACE TO FACE	FLANGE DIMENSIONS					

REV	ZONE	APPVD BY	DATE	PARTICULARS
0	-	-	-	-

REFERENCE DRAWING

REVISION

MATERIALS OF CONSTRUCTION


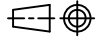
ITEM	DESCRIPTION	MATERIAL	SPECIFICATION
1	BODY	CAST CARBON STEEL	ASTM A216 Gr.WCB
2	COVER		
3	HINGE		
4	DISC		
5	BODY SEAT RING	STAINLESS STEEL	AISI-304
6	DISC FACING RING	STAINLESS STEEL	NICKEL WELD OVERLAY
7	HINGE PIN	STAINLESS STEEL	ASTM A276 TYPE-410
8	WASHER		
9	DISC LOCK NUT		
10	SPLIT PIN	STAINLESS STEEL	ASTM A276 TYPE-304
11	GASKET	RUBBER	IS:638, TYPE-B
12	BOLTS/ STUDS & NUTS	CARBON STEEL	IS:1367, CL- 4.6 & CL- 4.0
13	AIR RELEASE PLUG	CARBON STEEL	-
14	SIDE PLUG		
15	LIFTING EYE BOLT	CARBON STEEL	ASTM A105

HYDROSTATIC TEST PRESSURE FOR PN-20

BODY TEST PRESSURE :- 30 Kg./Cm²(g) WITH WATER DURATION 5 MIN.
 SEAT TEST PRESSURE :- 20 Kg./Cm²(g) WITH WATER DURATION 2 MIN.

- NOTES
- ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE STATED.
 - THE SWING CHECK TYPE (SINGLE-DOOR) NON RETURN VALVE AS PER IS:5312 (Part-I)
 - FLANGED ENDS SHALL BE FLAT FACED & DRILLED TO IS:1538 (Tab- 4 & 6), 50 & 65 NB FOR IS: 14846.
 - THE ARROW MARK SHALL BE CAST INTEGRALLY ON THE BODY TO INDICATE THE DIRECTION OF FLOW.
 - THE VALVES SHALL BE SUITABLE FOR MOUNTING ON HORIZONTAL PIPE LINE.
 - PAINTING :- 2 COATS OF RED OXIDE ZINC CHROMATE PRIMER & 2 COATS OF SYNTHETIC ENAMEL AS FINISH PAINT
 - MARKING : BRAND NAME / SIZE / RATING / HEAT NO. / SL. NO. & FLOW DIRECTION

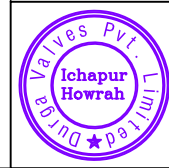
CLIENT'S REF.	PROJECT	-
	P.O. NO.	-
	CONTRACTOR	-
	PURCHASER	-

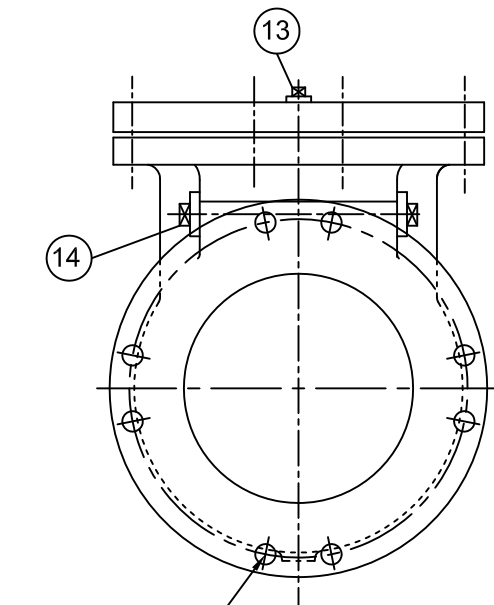
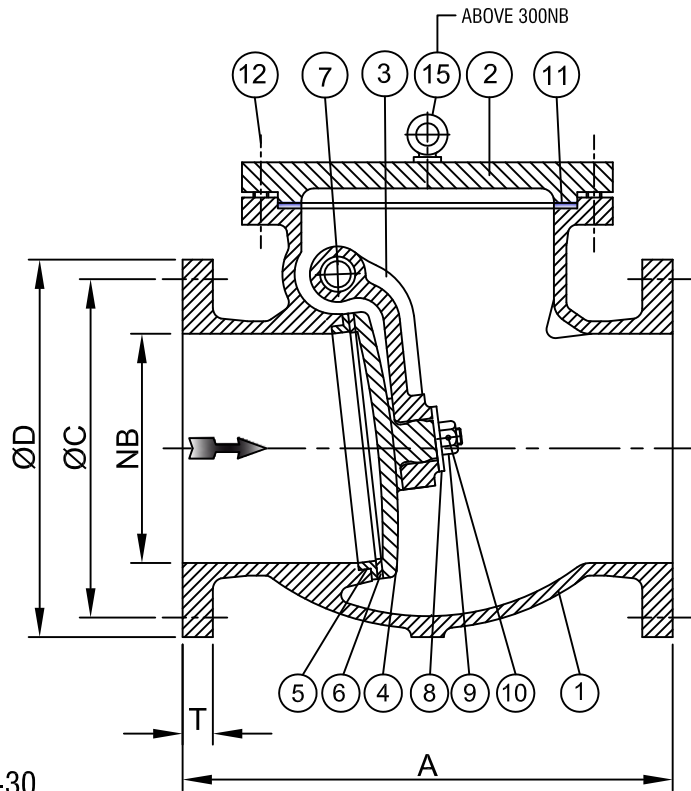
		2017	INITIAL	DATE
 DVPL DURGA VALVES PRIVATE LIMITED ICHAPUR ROAD, CANAL SIDE, HOWRAH-4 (W.B.)	DRAWN	-	-	
	CHECKED	-	-	
	APPROVED	-	-	
	-			SCALE : N.T.S. REF No.

TITLE:- CSDF SWING TYPE SINGLE DOOR NON RETURN VALVE

DRAWING No. : DVPL / CS-NRV / 9259

REV. 0





n = No. OF HOLES
 Øh = HOLE DIA. ON
 P.C.D. OFF CRS

PN-30

14	-	600	1295 ±3	780	36	725	20	31	
13	-	500	978 ±5	670	33	620	20	28	
12	-	450	978 ±5	615	31.5	565	20	28	
11	-	400	914 ±5	565	30	515	16	28	
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2	-	65	216 ±2	185	16	145	4	19	
1	-	50	203 ±2	165	16	125	4	19	
-	Nos.	NB	A	ØD	T	ØC	n	Øh	
SL. No	QTY.	VALVE SIZE	FACE TO FACE	FLANGE DIMENSIONS					

REV	ZONE	APPVD BY	DATE	PARTICULARS
0	-	-	-	-
REFERENCE DRAWING				
REVISION				

MATERIALS OF CONSTRUCTION

ITEM	DESCRIPTION	MATERIAL	SPECIFICATION
1	BODY	CAST CARBON STEEL	ASTM A216 Gr.WCB
2	COVER		
3	HINGE		
4	DISC		
5	BODY SEAT RING	STAINLESS STEEL	AISI-304
6	DISC FACING RING	STAINLESS STEEL	NICKEL WELD OVERLAY
7	HINGE PIN	STAINLESS STEEL	ASTM A276 TYPE-410
8	WASHER		
9	DISC LOCK NUT		
10	SPLIT PIN	STAINLESS STEEL	ASTM A276 TYPE-304
11	GASKET	RUBBER	IS:638, TYPE-B
12	BOLTS/ STUDS & NUTS	CARBON STEEL	IS:1367, CL- 4.6 & CL- 4.0
13	AIR RELEASE PLUG	CARBON STEEL	-
14	SIDE PLUG		
15	LIFTING EYE BOLT	CARBON STEEL	ASTM A105

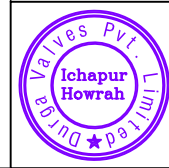
HYDROSTATIC TEST PRESSURE FOR PN-30

BODY TEST PRESSURE :- 45 Kg./Cm²(g) WITH WATER DURATION 5 MIN.
 SEAT TEST PRESSURE :- 30 Kg./Cm²(g) WITH WATER DURATION 2 MIN.

- NOTES
- ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE STATED.
 - THE SWING CHECK TYPE (SINGLE-DOOR) NON RETURN VALVE AS PER IS:5312 (Part-I)
 - FLANGED ENDS SHALL BE FLAT FACED & DRILLED TO IS:1538 (Tab- 4 & 6), 50 & 65 NB FOR IS: 14846.
 - THE ARROW MARK SHALL BE CAST INTEGRALLY ON THE BODY TO INDICATE THE DIRECTION OF FLOW.
 - THE VALVES SHALL BE SUITABLE FOR MOUNTING ON HORIZONTAL PIPE LINE.
 - PAINTING :- 2 COATS OF RED OXIDE ZINC CHROMATE PRIMER & 2 COATS OF SYNTHETIC ENAMEL AS FINISH PAINT
 - MARKING : BRAND NAME / SIZE / RATING / HEAT NO. / SL. NO. & FLOW DIRECTION

CLIENT'S REF.	PROJECT	-
	P.O. NO.	-
	CONTRACTOR	-
	PURCHASER	-

 DVPL DURGA VALVES PRIVATE LIMITED <small>ICHAPUR ROAD, CANAL SIDE, HOWRAH-4 (W.B.)</small>	2017	INITIAL	DATE
	DRAWN	-	-
	CHECKED	-	-
	APPROVED	-	-
	-		SCALE : N.T.S. REF No.



TITLE:- CSDF SWING TYPE SINGLE DOOR NON RETURN VALVE

DRAWING No. : DVPL / CS-NRV / 9261 REV. 0