

9	-	300	445	27.5	400	12	23
8	-	250	395	26	350	12	23
7	-	200	340	24.5	295	8	23
6	-	150	285	23	240	8	23
5	-	125	250	22.5	210	8	19
4	-	100	220	22	180	8	19
3	-	80	200	21	160	4	19
2	-	65	185	16	145	4	19
1	-	50	165	16	125	4	19
-	Nos.	NB	ØD	T	ØC	n	Øh
SL. No	QTY.	VALVE SIZE	FLANGE DIMENSIONS				

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

MATERIALS OF CONSTRUCTION

SL. No.	DESCRIPTION	MATERIAL	SPECIFICATION
1	MAIN BODY	MILD STEEL	IS : 2062 Gr.E 250 BR
2	TOP HOUSING		
3	OUTLET HOUSING		
4	INLET HOUSING		
5	CENTRAL PLATE		
6	SCREW ADJUSTING VALVE	MFR'S STD.	-
7	TOP HOUSING COVER	MILD STEEL	IS : 2062 Gr.E 250 BR
8	CAGE	MILD STEEL	IS : 2062 Gr.E 250 BR
9	BALL / FLOAT	WOOD (RUBBER COATED)	
10	CAP	MILD STEEL	IS : 2062 Gr.E 250 BR
11	SCREW ADJUSTING VALVE	MFR'S STD.	-
12	GASKET	RUBBER	IS : 638 Type-B
13	BOLTS & NUTS	CARBON STEEL	IS:1367 Cl-4,6 & 4.0
14	SCREW ADJUSTING VALVE	MFR'S STD.	-

TEST PRESSURE :- 10 Kg./Cm²(g)

NOTES

- ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE STATED.
- DESIGN AS PER MFG. STD.
- FLANGED ENDS SHALL BE FLAT FACED & DRILLED TO IS:1538 (Table-4 & 6) , 50 & 65 NB FOR IS: 14846.
- ALL VALVES SHALL BE PAINTED WITH BLACK BITUMINOUS PAINT.
- MARKING:- BRAND NAME / SIZE / PN-RATING / HEAT NO. / SL. NO.

CLIENT'S REF.

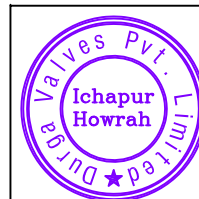
PROJECT	-
P.O. NO.	-
CONTRACTOR	-
PURCHASER	-

	2017	INITIAL	DATE
DRAWN	-	-	-
CHECKED	-	-	-
APPROVED	-	-	-
SCALE : N.T.S.			
REF No.			

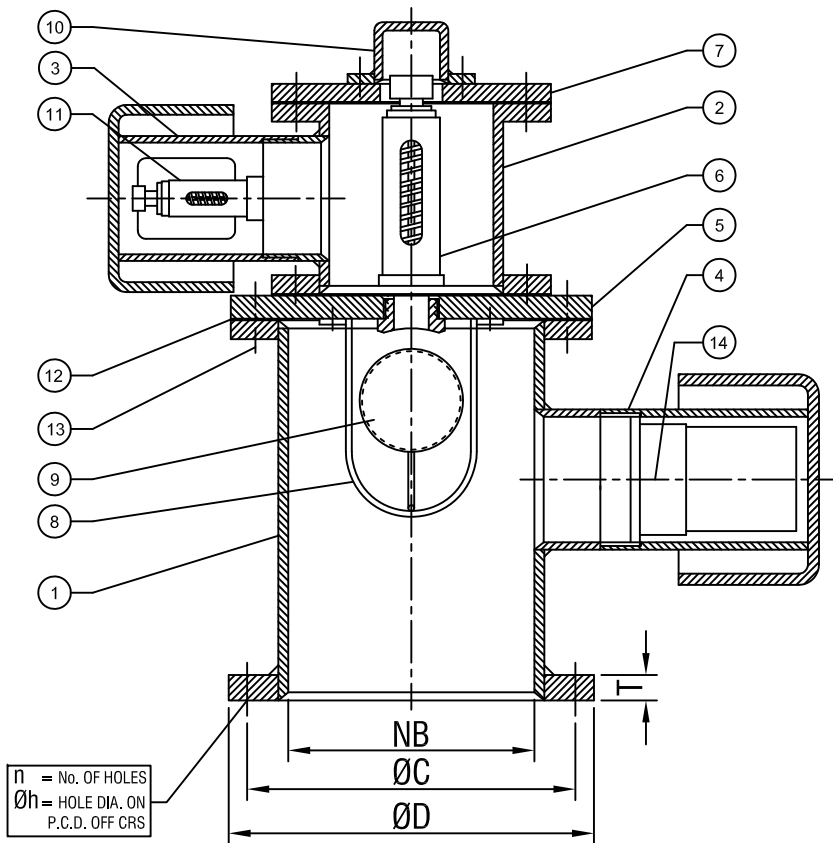
TITLE:- M.S. FLANGE END AIR CUSHION VALVE.

DRAWING No. : DVPL / MS-ACV / 9255

REV. 0



DVPL
DURGA VALVES PRIVATE LIMITED
 ICHAPUR ROAD, CANAL SIDE, HOWRAH-4 (W.B.)



9	-	300	445	27.5	400	12	23	
8	-	250	395	26	350	12	23	
7	-	200	340	24.5	295	8	23	
6	-	150	285	23	240	8	23	
5	-	125	250	22.5	210	8	19	
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3	-	80	200	21	160	4	19	
2	-	65	185	16	145	4	19	
1	-	50	165	16	125	4	19	
-	Nos.	NB	ØD	T	ØC	n	Øh	
SL. No	QTY.	VALVE SIZE	FLANGE DIMENSIONS					

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



MATERIALS OF CONSTRUCTION

SL. No.	DESCRIPTION	MATERIAL	SPECIFICATION
1	MAIN BODY	MILD STEEL	IS : 2062 Gr.E 250 BR
2	TOP HOUSING		
3	OUTLET HOUSING		
4	INLET HOUSING		
5	CENTRAL PLATE		
6	SCREW ADJUSTING VALVE	MFR'S STD.	-
7	TOP HOUSING COVER	MILD STEEL	IS : 2062 Gr.E 250 BR
8	CAGE	MILD STEEL	IS : 2062 Gr.E 250 BR
9	BALL / FLOAT	WOOD (RUBBER COATED)	
10	CAP	MILD STEEL	IS : 2062 Gr.E 250 BR
11	SCREW ADJUSTING VALVE	MFR'S STD.	-
12	GASKET	RUBBER	IS : 638 Type-B
13	BOLTS & NUTS	CARBON STEEL	IS:1367 Cl-4,6 & 4.0
14	SCREW ADJUSTING VALVE	MFR'S STD.	-

TEST PRESSURE :- 15 Kg./Cm²(g)

NOTES

1. ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE STATED.
2. DESIGN AS PER MFG. STD.
3. FLANGED ENDS SHALL BE FLAT FACED & DRILLED TO IS:1538 (Table-4 & 6) , 50 & 65 NB FOR IS: 14846.
4. ALL VALVES SHALL BE PAINTED WITH BLACK BITUMINOUS PAINT.
5. MARKING:- BRAND NAME / SIZE / PN-RATING / HEAT NO. / SL. NO.

CLIENT'S REF.

PROJECT	-
P.O. NO.	-
CONTRACTOR	-
PURCHASER	-

	2017	INITIAL	DATE
DRAWN	-	-	-
CHECKED	-	-	-
APPROVED	-	-	-
SCALE	-	-	N.T.S.
REF No.	-	-	-

TITLE:- M.S. FLANGE END AIR CUSHION VALVE.

DRAWING No. : DVPL / MS-ACV / 9256 REV. 0