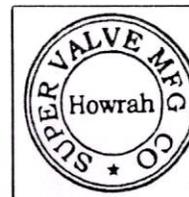


n = No. OF HOLES  
 Øh = HOLE DIA ON  
 P.C.D. OFF CRS

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
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-II
13	BOLTS & NUTS	CARBON STEEL	IS:1367 QI-4 6 & 4 0
14	SCREW ADJUSTING VALVE	MFR'S STD.	-

TEST PRESSURE :- 10 Kg./Cm<sup>2</sup>(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	-

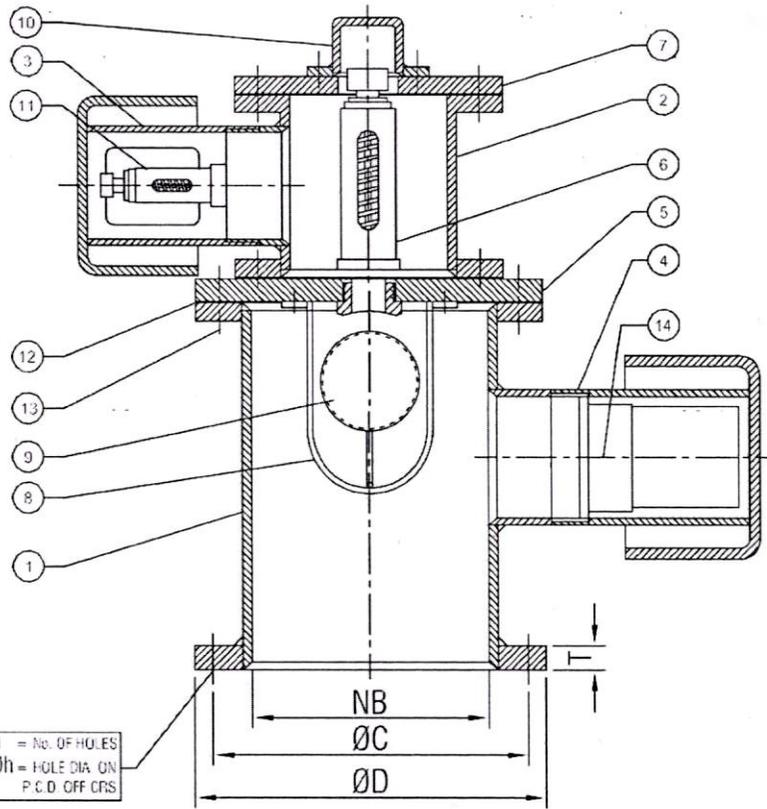
**SUPER**

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

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

DRAWING NO.: SVMC/AV/10/2025-2026

REV. 0



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-U
13	BOLTS & NUTS	CARBON STEEL	IS:1367 Gr-4 B & 4.0
14	SCREW ADJUSTING VALVE	MFR'S STD.	-

TEST PRESSURE :- 15 Kg./Cm<sup>2</sup>(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	DATE
P.O. NO.	-	-
CONTRACTOR	-	-
PURCHASER	-	-

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

**SUPER**

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

DRAWING NO.: SVMC/AV/11/2025-2026

REV. 0