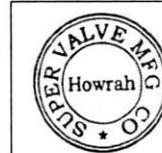


PN-1.6

2	100	220	22	180	8	19
	80	200	21	160	4	19
	50	165	16	125	4	19
-	NB	ØD	T	ØC	n	Øh
SL. No.	VALVE SIZE	FLANGE DIMENSIONS				

0	-	P.Roy	11.02.19	ISSUED FOR APPROVAL
REV	ZONE	APPVD BY	DATE	PARTICULARS
REFERANCE DRAWING		REVISION		



MATERIALS OF CONSTRUCTION

SL. No.	DESCRIPTION	MATERIAL	SPECIFICATION
1.	BODY (ARV)	CAST IRON	IS:210 Gr. FG-200
2.	COVER	MILD STEEL	IS:2062 Gr.E 250BR
3.	LARGE ORIFICE FLOAT	STAINLESS STEEL	ASTM A276 TYPE-304
4.	LOW PRESSURE SEAT RING	RUBBER	Neoprene
5.	JOINT SUPPORT RING	CAST IRON	IS:210 Gr. FG-200
6.	SOCKET HEAD BOLTS	CARBON STEEL	IS:1367 CL-4.6 & 4.0
7.	NIPPLE		
8.	BODY (AUTOMATIC VALVE)	CAST IRON	IS:210 Gr. FG-200
9.	COVER		
10.	SMALL ORIFICE FLOAT	STAINLESS STEEL	ASTM A276 TYPE-304
11.	SMALL ORIFICE PLUG	STAINLESS STEEL	ASTM A276 TYPE-304
12.	GASKET (Joint Ring)	RUBBER	Neoprene
13.	SOCKET HEAD BOLTS	CARBON STEEL	IS:1367 CL-4.6 & 4.0
14.	SMALL ORIFICE FLOAT GUIDE	P.V.C.	-
15.	COWL	MILD STEEL	IS:2062 Gr.E 250BR

HYDROSTATIC TEST PRESSURE FOR PN-1.6

BODY TEST PRESSURE :- 24 Kg. / Cm²(g) WITH WATER DURATION 5 MIN.
SEAT TEST PRESSURE :- 16 Kg. / Cm²(g) WITH WATER DURATION 2 MIN.

(APPROVAL STAMP)

NOTES

1. ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE STATED.
2. KINETIC AIR RELEASE VALVE GENERALLY CONFORM TO AWWA C512.
3. FLANGED ENDS SHALL BE FLAT FACED & DRILLED TO IS:14846 & IS:1538 (TABLE-4 & 6) AND IS:14846 TABLE -3A FOR 50NB.
4. PAINTING:- ALL VALVES SHALL BE PAINTED WITH BLACK BITUMINOUS PAINT.
5. MARKING:- BRAND NAME / SIZE / RATING / HEAT NO. & SL. NO.

CLIENT'S REF.

PROJECT	-
P.O. No.	-
CONTRACTOR	-
PURCHASER	-

SUPER

	2019	INITIAL	DATE
DRAWN	S.PAL		03.07.2025
CHECKED	S.DAS		03.07.2025
APPROVED	P.HAZRA		03.07.2025
	JOB No.		SCALE : N.T.S.
	J-386		

TITLE:- CAST IRON HIGH PERFORMANCE TAMPER PROOF AIR RELEASE VALVE AS PER AWWA-C512

DRAWING NO.: SVMC/AV/06/25-26

REV. 0