

Øh = Hole Dia
n = Nos. of Hole

40	150	110	16	18	4	230	330	63.5	76	
50	165	125	18	18	4	254	375	76	98	
65	185	145	18	18	4	260	444	98	98	
90	200	160	21	19	4	260	444	98	98	
100	220	160	22	19	8	330	527	127	127	
150	285	240	23	23	8	490	654	203	127	
200	340	295	24.5	23	8	590	805	254	139	
ØNB	ØD	ØK	T	Øh	n	A	B	ØE	ØF	QTY.
VALVE SIZE	O.D.	P.C.D.	THICK	HOLE DIA	NO. HOLE	HEIGHT (Max)	WIDTH (Max)	FLOAT DIA	FLOAT DIA	NOS. OF VALVE
DETAILS OF FLANGED										

DOC. NO.	REV	ZONE	APPVD BY	DATE	PARTICULARS
	0	-	P.ROY	-	ISSUED FOR APPROVAL
REVISION					

MATERIALS OF CONSTRUCTION

S. No.	DESCRIPTION	MATERIAL	SPECIFICATION
1.	BODY	Cast Iron	IS : 210 GR. FG-200
2.	HIGH PRESSURE COVER		
3.	LOW PRESSURE COVER		
4.	COWL		
5.	JOINT SUPPORT RING	Leaded Tin Bronze	IS : 318 GR. LTB-2
6.	GUIDE BUSH		
7.	H.P. ORIFICE		
8.	H.P. ORIFICE PLUG	Soft Rubber Coated Seasoned Timber	
9.	BALL FOR H.P. CHAMBER		
10.	BALL FOR L.P. CHAMBER	Hard Vulcanite Coated Seasoned Timber	
11.	L.P. SEAT RING	Natural Rubber	IS : 11855
12.	GASKET	Rubber	IS : 638 Type-B
13.	BOLTS & NUTS	CARBON STEEL	IS :1367 Class-4 & 4

HYDROSTATIC TEST PRESSURE :-

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

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

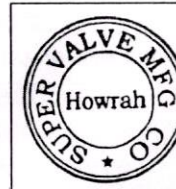
(APPROVAL STAMP)

- NOTES
- ALL DIMENSION ARE IN MM. UNLESS OTHERWISE STATED.
 - AIR RELEASE VALVE AS PER G&K CAT. Fig. H7
 - FLANGED ENDS SHALL BE FLAT FACED & DRILLED TO IS:6392/71 (Table-17) FOR UP TO 65mm dia, AND 80mm & ABOVE SIZES ARE AS PER IS:1535 (Table-4&6)
 - ALL VALVES SHALL BE PAINTED WITH ONE COAT OF RED OXIDE PRIMER & FINALLY TWO COATS OF BLACK JAPAN PAINTS CONFORMING TO TYPE-B OF IS:341/73.
 - MARKING:- BRAND NAME/ SIZE/ PN-RATING & HEAT NO.

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

	2018	INITIAL	DATE
DRAWN		H.ROY	03.07.2025
CHECKED		S.DAS	03.07.2025
APPROVED		P.HAZRA	03.07.2025
		JOB No.	SCALE : N.T.S.

SUPER



TITLE:- CAST IRON DOUBLE ACTING AIR
RELEASE VALVE

DRAWING NO.: SVMC/AV/09/25-26

REV. 0