AIR VALVE SINGLE

Product Code: SIR-15/AV-S

Confirming to High quality & Long life

DIMENSIONS IN MM

DN Size	B (min)	C SQ. (min)	Suitable For Main
15	196	118	UPTO 100
25	255	158	UPTO 100
40	290	158	UPTO 100

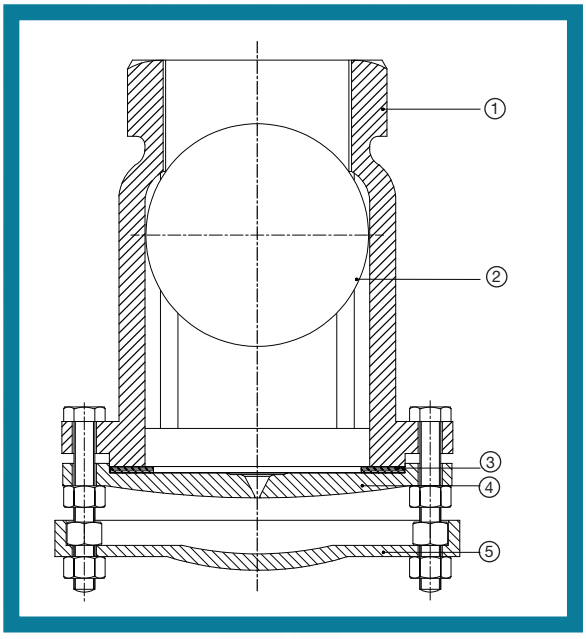
Dimensions are subject to change in course of product develope

DESCRIPTION

Cast Iron Single Air Valves are designed to deal with air relese problems using hydro-dynamic principles.

HYDROSTATIC TEST PRESSURE

Availability	Size Range	Manufacturing and Pressure Rating	Hydrostatic Test Pressure Body
Standard Supply	15 to 40 mm	G & K Type	10 Kg./cm^2



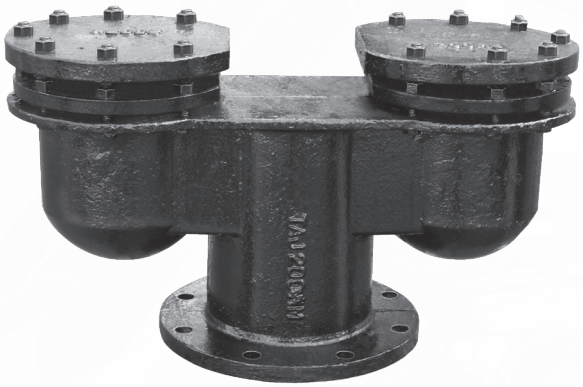
MATERIALS

S.No.	Name of Parts	Material
1.	Body	C.I/D.I
2.	Float	Timber core with Rubber coating
3.	Seal	Nitrile/EPDM
4.	Cover	C.I/D.I
5.	Cowl	C.I/D.I
6.	Bolts & Nuts	C.S

AIR VALVE DOUBLE

Product Code: SIR-16/AV-D

Confirming to High quality & Long life



DIMENSIONS IN MM

DN Size	A (min)	B (min)	C (min)	Suitable For Main
40	442	210	224	UP TO 100
50	442	210	264	125 TO 200
80	504	236	287	225 TO 350
100	634	280	356	400 TO 500
150	862	430	476	600 TO 900
200	988	506	580	1000 TO 1200

Dimensions are subject to change in course of product develope

DESCRIPTION

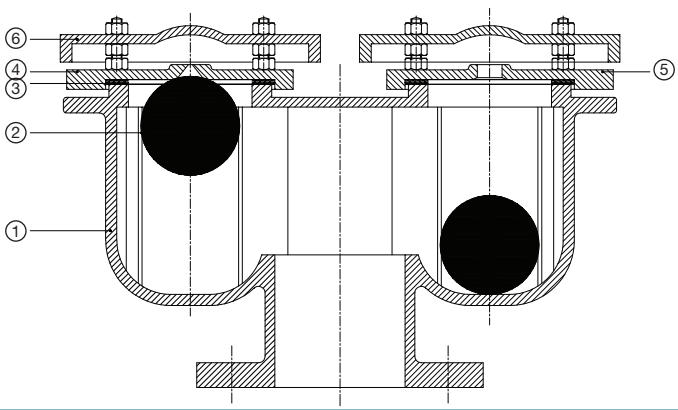
Cast iron Double Action Air Valves are designed to deal with air release problems using hydro-dynamic principles

HYDROSTATIC TEST PRESSURE

Availability	Size Range	Manufacturing and Pressure Rating	Hydrostatic Test Pressure Body
Standard Supply	40 to 200 mm	G & K Type	10 Kg./cm^2

MATERIALS

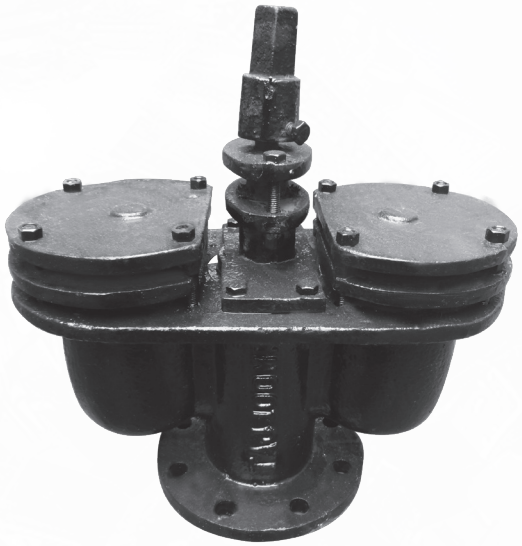
S.No.	Name of Parts	Material
1.	Body	C.I/D.I
2.	Float	Timber core with Rubber coating
3.	Seal	Nitrile/EPDM
4.	Cover (Small orifice)	C.I/D.I
5.	Cover (Small orifice)	C.I/D.I
6.	Cowl	C.I/D.I
7.	Bolts & Nuts	C.S



AIR VALVE ISOLATING

Product Code: SIR-17/AV-I

With Screw Down Type Isolating Valve



DIMENSIONS IN MM

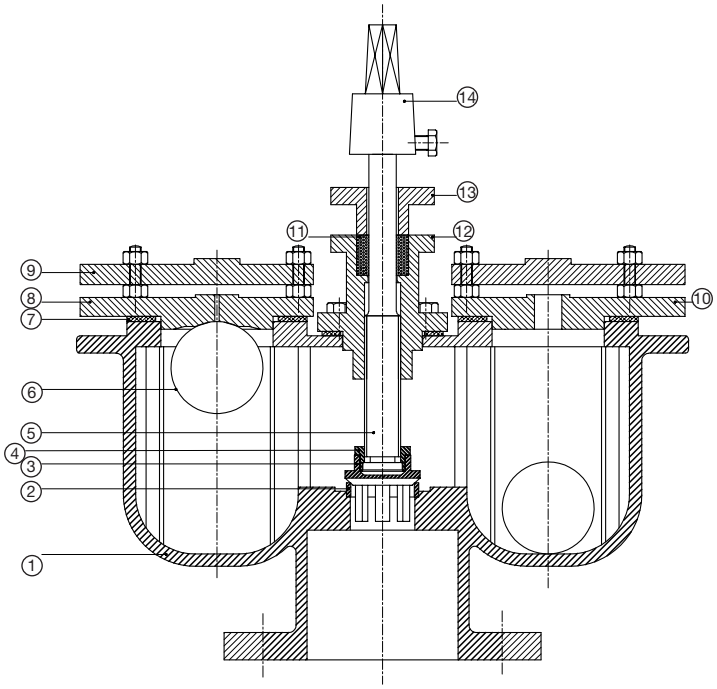
DN Size	A (min)	B (min)	C (min)	Suitable For Main
40	442	210	371	UP to 100
50	442	210	407	125 to 200
80	504	236	431	225 to 350
100	634	280	501	400 to 500
150	862	430	620	600 to 900
200	988	506	735	1000 to 1200

DESCRIPTION

Double Air Valve IS 14845:2000 combined with screw-down isolating valve. The small orifice releases air at the working pressure, the large orifice provides for the inlet and outlet of large quantities of air at atmost pressure during pipe emptying and fitting respectively. The isolating valve permits inspection of the valve without shutting water off main.

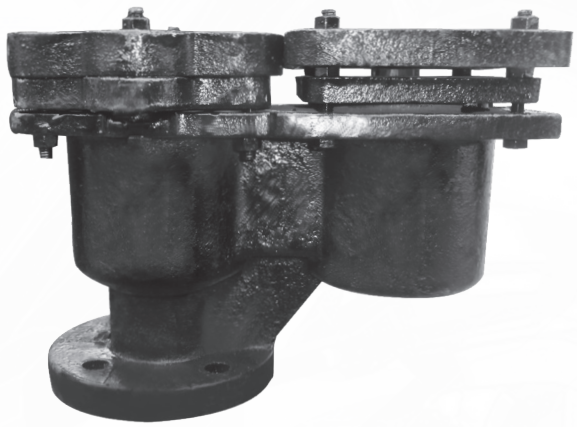
MATERIALS

S.No.	Name of Parts	Material
1.	Body	C.I/D.I
2.	Seat	Brass
3.	Disc	Brass
4.	Check Nut	Brass
5.	Stem	S.S-304
6.	Float	Timber core with Rubber coating
7.	Seal	Nitrile/EPDM
8.	Cover (Small orifice)	C.I/D.I
9.	Cowl	C.I/D.I
10.	Cover (Large orifice)	C.I/D.I
11.	Gland Flange	Graphited Asbestos
12.	Stem Guide Cover	C.I/D.I
13.	Gland Flange	C.I/D.I
14.	Cap	C.I/D.I
15.	Bolts & Nuts	C.S



AIR VALVE KINETIC

Product Code: SIR-18/AV-K



DIMENSIONS IN MM

DN Size	A (min)	B (min)	C (min)	Suitable For Main
40	260	196	324	UP to 100
50	280	211	352	125 to 200
80	305	236	373	225 to 350
100	360	280	424	400 to 500
150	487	450	674	600 to 900
200	700	506	739	1000 to 1200

DESCRIPTION

Kinetic Air Valves as per IS 14845:2000 with or without isolating sluice valves are designed for particularly difficult air release problems. By the application of hydrodynamic principles a novel feature has been introduced through which the large orifice always remains open irrespective of the velocity of air discharged and is closed positively as soon as water rises in the valve.

A Kinetic type Air Valves is capable of exhausting a greater volume of air than a conventional air valve because it is specifically designed not to blow shut and therefore can be operated at higher differential pressures.

MATERIALS

S.No.	Name of Parts	Material
1.	Body	C.I/D.I
2.	Float	Timber core with Rubber coating
3.	Seal	Nitrile/EPDM
4.	Cover (Small orifice)	C.I/D.I
5.	Cover (Small orifice)	C.I/D.I
6.	Cowl	C.I/D.I
7.	Bolts & Nuts	C.S