



India's Most Admired Brand



**Controlling
Fluids is our
Expertise**



Rev: JUN 2025



Air Valves

www.kartarvalves.com

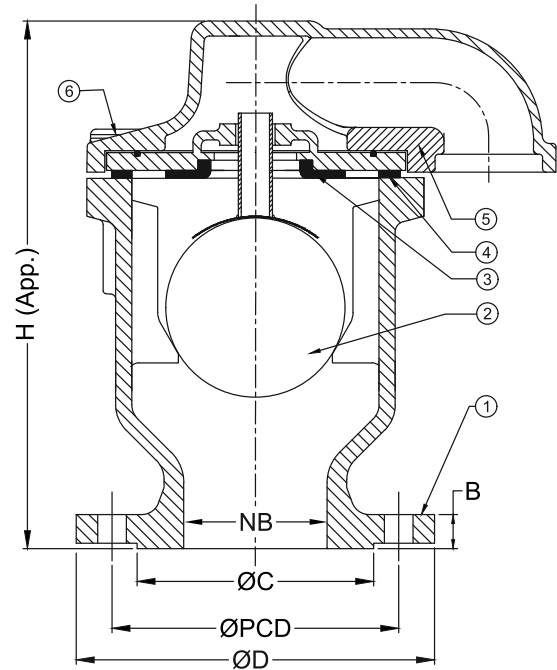
SINCE
1972

Air Valves

Single Chamber - Double Orifice - Triple Function



Air Valve with Elbow



Dimensional Table

Size	ØD	ØC	Ø PCD	Hole Dia	No. of Hole	B	H (App.)	Suitable for Main Size
40 mm	150	84	110	19	4	19	240	upto 100mm
50 mm	165	99	125	19	4	19	260	125mm-200mm
80 mm	200	132	160	19	4	19	320	225mm-350mm
100 mm	220	156	180	19	8	19	360	400mm-500mm
150 mm	285	211	240	23	8	19	440	600mm-900mm
200 mm	340	266	295	23	8	20	470	1000mm-1200mm

Hydrostatic Test Pressure

PN- Rating	Seat	Body	Working Temperature
PN-16	16 bar	24 bar	70°C
PN-20	20 bar	30 bar	70°C

1 bar = 0.1 MPa = 14.3 Psi = 1.019 kg/cm²

Bill of Material

Part No.	Part Name	Material	Specifications
1	Body	Ductile Iron	IS:1865 SG 450/10
2	Float	Stainless Steel	AISI SS 304
3	Seat Face	Rubber	IS:638
4	Gasket	Rubber	IS:638
5	Cover	Ductile Iron	IS:1865 SG 450/10
6	Bolts	Carbon Steel	IS:1363
7	Strainers	Stainless Steel	AISI SS 304

Other Available options



Air Valve with Strainer



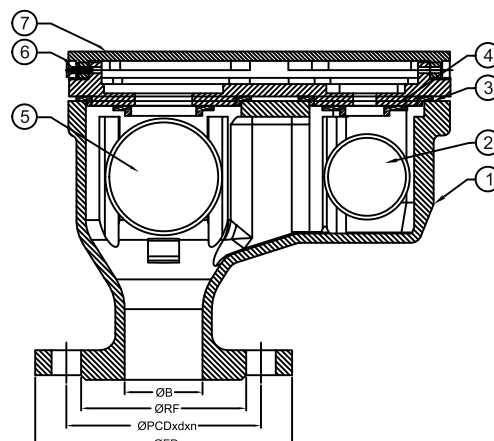
Air Valve with Resilient Gate Valve



Air Valve with Butterfly Valve

Air Valves

Ductile Iron Tamper Proof Triple Action
Double Orifice - Kinetic Air Valve (DK Design)



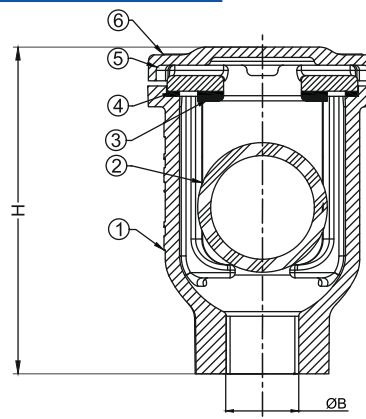
Dimensional Table

Sr. No.	ØB	ØRF	Ø PCDxDN	Ø FD	Suitable for Main Size
1	40	84	110x19x4	150	upto 100mm
2	50	99	125x19x4	165	125mm-200mm
3	80	132	160x19x4	200	225mm-350mm
4	100	156	180x19x8	220	400mm-500mm

Bill of Material

Part No.	Part Name	Material	Specifications
1	Body	Ductile Iron	IS:1865 SG 450/10
2	Float H.P	Stainless Steel/Rubber	S.S 304 / IS: 638
3	Gasket	Rubber	IS: 638
4	Moulding Plate	Ductile Iron	IS:1865 SG 450/10
5	Float L.P	Stainless Steel/Rubber	S.S 304 / IS: 638
6	Bolts	Carbon Steel	IS: 1363
7	Top Cover	Ductile Iron	IS:1865 SG 450/10

Screwed Single Chamber Compact Air Valve



Dimensional Table

Size	ØB	H (App.)	Suitable for Main Size
15 mm	½" BSP	130	upto 50mm
20 mm	¾" BSP	130	upto 50mm
25 mm	1" BSP	130	65mm-100mm
32 mm	1½" BSP	155	65mm-100mm
40 mm	1½" BSP	155	65mm-100mm
50 mm	2" BSP	155	125mm-200mm

Bill of Material

Part No.	Part Name	Material	Specifications
1	Body	Ductile Iron	IS:1865 SG 450/10
2	Float	Timber with Rubber Coat	IS:638
3	Seat Face	Rubber	IS:638
4	Gasket	Rubber	IS:638
5	Cover	Ductile Iron	IS:1865 SG 450/10
6	Bolts	Carbon Steel	IS:1363

Other Models Available on Request



Cast Iron Double Orifice Kinetic
Air Release Valve



Cast Iron Double Orifice
Air Release Valve



Cast Iron Single Orifice
Air Release Valve



Cast Iron Double Orifice Kinetic
Air Release Valve
with Isolation Sluice Valve with Bevel Gear



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KARTAR VALVES PVT. LTD.

(FORMERLY JUNEJA METAL WORKS)

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