



HIGH-PERFORMANCE
COMBINATION

"AEROKINETIC" DOUBLE ORIFICE KINETIC AIR VALVE

DESIGNED FOR AIR RELEASE, DISCHARGE & VACUUM



Model : 358 & 358A

In Brief

- ▶ **Small Orifice** : Automatically Release Small Pockets of Accumulated Air from Pipeline Operating Under Pressure
- ▶ **Main Orifice** : For Large Volume of Air Discharging during Pipeline Filling while Pressurizing & Air Admittance during Pipeline Draining while Depressurizing for Vacuum Prevention
- ▶ **Working Pressure** : 10/16 Bar
- ▶ **Shell Test Pressure** : 15/24 Bar
- ▶ **Seat Test Pressure** : 11/17.6 Bar
- ▶ **Minimum Operation Pressure** : 0.5 Bar
- ▶ **Coating** : Fusion Bonded Epoxy
- ▶ **Sealing** : EPDM

Standards

- ▶ **Test** : EN 12266-1
- ▶ **Flange** : EN 1092-2

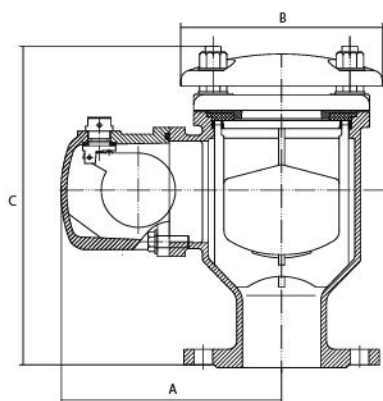
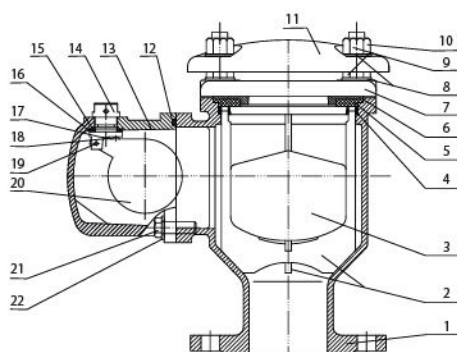
Features

- ▶ **Float Material** : ABS or Stainless-Steel
- ▶ **Unique Design** Prevents Premature Float Switching
- ▶ **Cylinder Shape Main Float Design** Minimises Float Movement

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Technical Table

Parts List & Materials



No.	Component	Material	Standard Ref.
1	Body	Ductile Iron	BS EN 1563
2	Float Guide	ABS	ISO 7245
3	*Float	ABS/Stainless Steel	ISO 7245 / EN 10088-3
4	Support	ABS	ISO 7245
5	Seat Ring	EPDM	BS EN 681
6	Seat Support	ABS	ISO 7245
7	Cover	Ductile Iron	BS EN 1563
8	Washer	Galvanized Carbon Steel	BS4190
9	Nut	Galvanized Carbon Steel	BS4190
10	Hexagon Bolt	Galvanized Carbon Steel	BS4190
11	Cowl	Ductile Iron	BS EN 1563
12	O'Ring	EPDM	BS EN 681
13	Side Body	Ductile Iron	BS EN 1563
14	Cap	Nylon	ISO 1874
15	Gasket	EPDM	BS EN 681
16	Bracket	ABS	ISO 7245
17	Adjusting Screw	Stainless Steel	EN ISO 15481
18	Gasket	EPDM	BS EN 681
19	Hinge Pin	Stainless Steel	EN ISO 1234
20	*Side Float	ABS/Stainless Steel	ISO 7245 / EN 10088-3
21	Hexagon Bolt	Galvanized Carbon Steel	BS4190
22	Washer	Galvanized Carbon Steel	BS4190

* Option for the Float Type

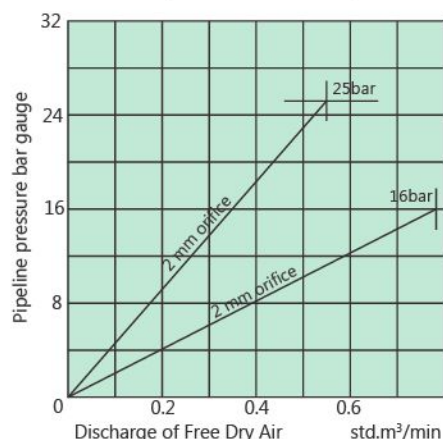
Specifications & Parameters Chart

DN (mm)	A (mm)	B (mm)	C (mm)	Width (mm)
50	232	206	329	206
65	232	206	329	206
80	232	206	329	206
100	238	280	413	280
150	238	280	413	280
200	238	280	413	280

Air Flow Performance Charts

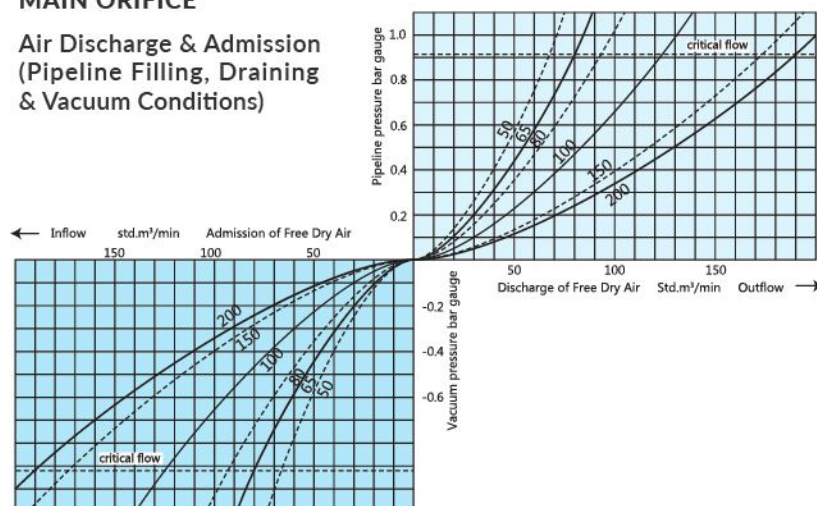
SMALL ORIFICE

Air Release (Pressurised Operation)



MAIN ORIFICE

Air Discharge & Admission
(Pipeline Filling, Draining
& Vacuum Conditions)



Note: Technical data provided in this brochure is indicative only and may be subject to change without prior notice.



LYE MANUFACTURING SDN.BHD. (197701001852 (32836-H))

Manufacturer of Valves, Hydrants, Joints, Fittings & Manhole Covers

Lot 1844, Jalan KPB 8, Kampung Baru Balakong, 43300 Kajang, Selangor Darul Ehsan, Malaysia.

FACTORY Tel: 603 - 8961 1623 Fax: 603 - 8961 1092 EMAIL: enquiry@lye.com.my

SALES Tel: 603 - 6140 3131(Hunting Line) Fax: 603 - 6140 5858

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