

FIG 761 & 762

Air Valve

This air valve is designed for use in water systems to automatically release accumulated air during regular operation. Air can enter a pipeline in a number of ways, through pump glands, leaking joints and is even contained in solution in the water itself. This air accumulates at the high points of the system, and unless the flow of water is fast enough to purge the line, large pockets of air form to seriously impede the flow, a condition known as “air binding”. By locating these air valves at specific points in the system, ventilation of these air pockets is achieved, increasing pumping efficiencies and flow capabilities of the pipeline.

Body	Cast Iron
Trim	Cast Iron
Size Range	DN25 – DN50
Pressure Range	
Max. Working Pressure	Water DN25 2100kPa @80oC DN50 1400 kPa @80oC
Hydrostatic Test Pressure	DN25 Body 3150 kPa Seat: 2100 kPa DN50 Body 2100 kPa Seat: 1400kpa
Connections	761: BSPF 762: AS2129 Table E
Options	Epoxy Coating

Dimensions (mm)

Size	A	C	D	E	G	Ball Dia	Wt Kg
25	160	124	115	25	13	51	10
50	172	134	150	50	19	76	11

Materials of Construction

ID	Part Description	Material
1	Body	Cast Iron
2	Cover	Cast Iron
3	Orifice Plug	D.R. Brass
4	Ball	Rubber-Cedar Core
5	Gasket	Rubber Insertion
6	Plug Disc	Brass

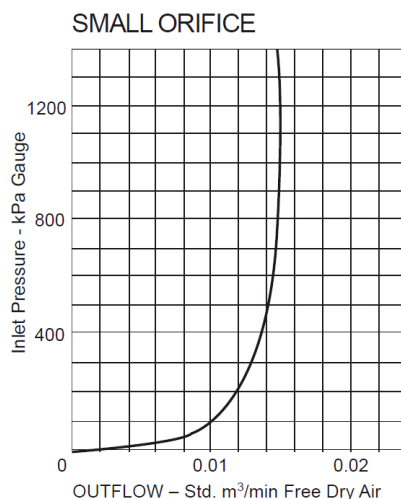


Fig 761



Fig 762

