



Single ball automatic air valves flanged PN 10, 16, 25



Art. 700-707

Flanges: UNI EN 1092-2 PN 10 / 16 / 25

Installation: at the high part of the pipeline

APPLICATIONS • Aqueducts • Irrigation plants

- Fig. 700: flanges PN 10 - 16

- Fig. 707: flanges PN 25

Epoxy painting suitable for drinking water applications.

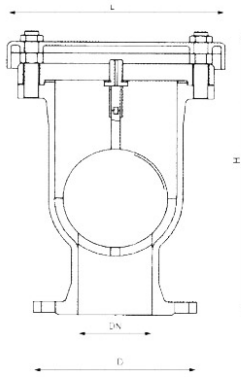
The single ball automatic air valves are used for applications related to troubles with air in the pipelines. Minimum pressure on seat: 0,3 bar.

The single ball automatic air valves have two functions: - Discharge large amount of air during filling operations - Let air in during piping emptying operations

Materials

body	ductile iron GGG400-50, EN-GJS-400/500
cover	ductile iron GGG400-50, EN-GJS-400/500
floating ball	ABS
gasket	EPDM
painting	epoxy

## Dimensions



DN	D mm.	L mm.	H mm.	Weight kg.
50	165	180	260	13
80	200	230	294	17
100	220	280	353	25
150	285	320	412	49
200	340	450	580	60

## Pressure

DN	Nominal pressure	Test pressure Mpa		Max working pressure Mpa
mm	BAR	body	seat	40°C
50-200	16	2,4	1,76	1,6
50-200	25	4,0	2,75	2,5

## DN of pipeline

## DN of air valve

< 200 mm	DN 50
200 mm - 250 mm	DN 80
300 mm - 500 mm	DN 100
600 mm - 900 mm	DN 150
1000 mm - 1200 mm	DN 200
> 1200 mm	DN 250 o 2 x DN 200

