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



Art. 700-707

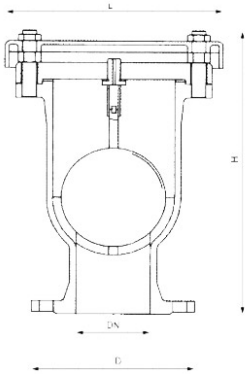
Flanges: UNI EN 1092-2 PN 10 / 16 / 25
Installation: at the high part of the pipeline
APPLICATIONS • Aqueducts • Irrigation plants
- Fig. 700: flanges PN 10 - 16
- Fig. 707: flanges PN 25
Epoxy paiting suitable for drinking water applications.

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

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