

AIR VALVE

TECHNICAL PASSPORT

CARBON STEEL AIR SONIC PURGEUR VALVE

PSO5246

APPLICATION

The air valve sonic is intended to be used on water pipes to ensure the evacuation of air under a controlled flow rate during filling of the pipe, thus helping to limit the water hammer at the end of the draining procedure.

Fluid : clear water.

GENERAL CHARACTERISTICS

Range : from DN 50 to DN250.
Steel body containing polyethylene float.
RAL 5005 epoxy coating.
PN10/16 flange mounting.

CONSTRUCTION

Pos.	Description	Material
1	Body	Carbon steel
2	Float	Polyethylene
3	Nozzle	Stainless steel 304
4	Gasket	EPDM
5	Orifice	Brass

DIMENSIONS

	DN		C / L	D
	mm	inch		
	50	2"	650/950	1"
	80	3"	650/950	1"
	100	4"	750/1000	1"
	150	6"	810/1160	1"
	200	8"	810/1160	1"
	250	10"	830/1160	1"

WORKING CONDITIONS

Maximum working pressure : 16 bar
Maximum working temperature: 80°C

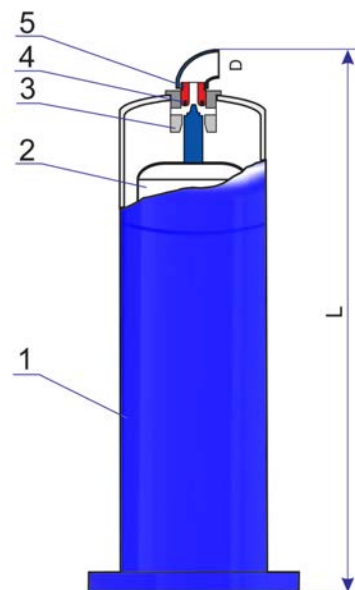
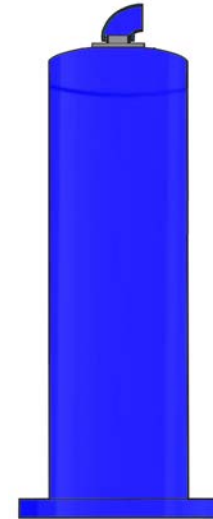


TABLE OF DETERMINATION

DN PIPE	PN10 Orifice mm	PN16 Orifice mm
50 - 150	50C / 4	50C / 4
150 - 200	80C / 4	80C / 4
200 - 300	80C / 5	80C / 5
300 - 400	100C / 6	100C / 6
400 - 500	150C / 7	150C / 7
500 - 700	150C / 8	150C / 8
700 - 900	150C / 12	150C / 10
900 - 1200	200C / 16	200C / 14
1200 +	250C / 18	200L / 16