

The Series 701/50 is a double orifice air valve, suitable for use with potable and filtered water, to a maximum temperature of +70°C.

Features:

- Releases large volumes of air from pipelines up to 0.9 Bar.
- Discharge from the small orifice is 10 times greater than from conventional units.
- Lightweight design.
- Corrosion resistant construction.
- WRAS approved.

Options:

- Butterfly isolating valve.
- Isolating gate valve.
- Bevel gearbox.
- Test point.
- Cast iron small orifice.
- Non-slam facility.
- PN25 & PN40 versions.



DN 50



The designs, materials and specifications shown are subject to change without notice due to our continuing programme of product development.

TESTS

Hydraulic test.
Seat: 1.0 x PN high. 0.2 Bar. low. Body: 1.5 x PN.

APPLICABLE STANDARDS

Inlet flange to BS EN 1092-2: 1997. WRAS approved.

ORIFICE SIZES

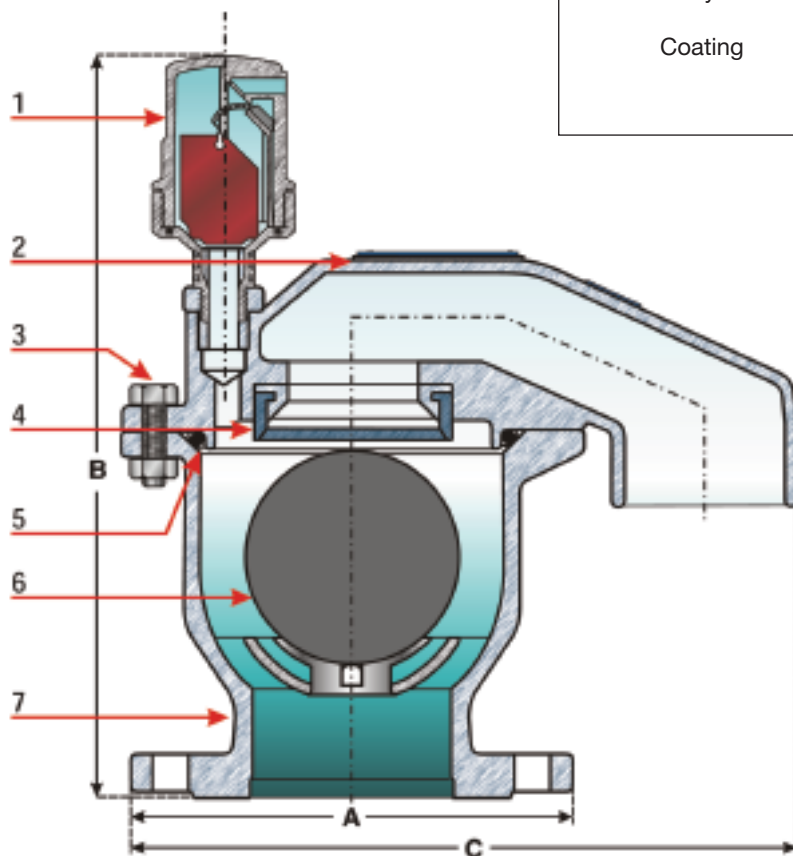
DN	Large	Small
2"	794 mm ²	14 mm ²
3"	1809 mm ²	14 mm ²
4"	3317 mm ²	14 mm ²
6"	17662 mm ²	14 mm ²
8"	31400 mm ²	14 mm ²

SERVICE CONDITIONS

Maximum Working Pressure: 16 Bar.
Temperature Range: -10°C to +70°C. Insulation essential for temperatures of 0°C and below.

MATERIALS OF CONSTRUCTION

No.	DESCRIPTION	MATERIAL
1	Small Orifice	See Series 701/10 datasheet.
2	Cover	Cast iron. GG-25, BS EN 1561 – GJL-HB-195.
3	Bolt Assembly	Steel zinc cobalt plated.
4	Nozzle (large)	EPDM on DZR bronze to BS 2874, CZ 132.
5	O Ring	EPDM.
6	Ball	Polycarbonate.
7	Body c/w Basket	Cast iron, BS EN 1561 GJL-HB-195.
	Coating	Electrostatically applied blue epoxy to WIS-4-52-01 Class B.



DIMENSIONS & WEIGHTS

Ref Nos.	Size	A mm	B mm	C mm	Weight kilos
701-050-50041003	2" (50mm)	165	330	167	9.4
701-058-50041023	2" + 80mm flange	200	346	173	12.4
701-080-50041003	3" (80mm)	200	358	286	18.4
701-100-50041003	4" (100mm)	220	382	336	27
701-150-50041003	6" (150mm)	285	550	553	76.6
701-200-50041003	8" (200mm)	340	554	553	117