

# Glenfield

Water engineers to the world

## Series 851/50 (1248) PN 16, Dual Orifice, Sewage Air Relief Valve

Use
For sewage, raw water, brine and sludge to max. 70°C

Tests
Hydraulic tests: Seat: 1.1 x PN                      Body: 1.5 x PN

Optional Extras
Isolating Gate Valve                      Vented non return valve (surge alleviation) Piped outlet connections Inflow Check Valve

Applicable Standards
Inlet flange to BS EN1092-2:PN16

Materials of Construction	
Description	Material
Body	Ductile Iron BS EN 1563 Gr 500/7
Cover (chamber)	Ductile Iron BS EN 1563 Gr 500/7
Air Valve Body	Ductile Iron BS EN 1563 Gr 500/7
Air Valve Cowl	Ductile Iron BS EN 1563 Gr 500/7
Air Valve Cover (small orifice)	Ductile Iron BS EN 1563 Gr 500/7
Top Float	ABS Plastic
Float Guides	ABS Plastic
Seal	EPDM WBS Listed
Ball Float	Polycarbonate
Lever	Polypropylene
Float Elevator	Stainless Steel BS EN 10088 Gr. 1.4401
Fasteners	Stainless Steel BS EN 10088 Gr. 1.4401
Coating	Internal and external, electrostatically applied blue epoxy to WIS 4-52-01 Class B



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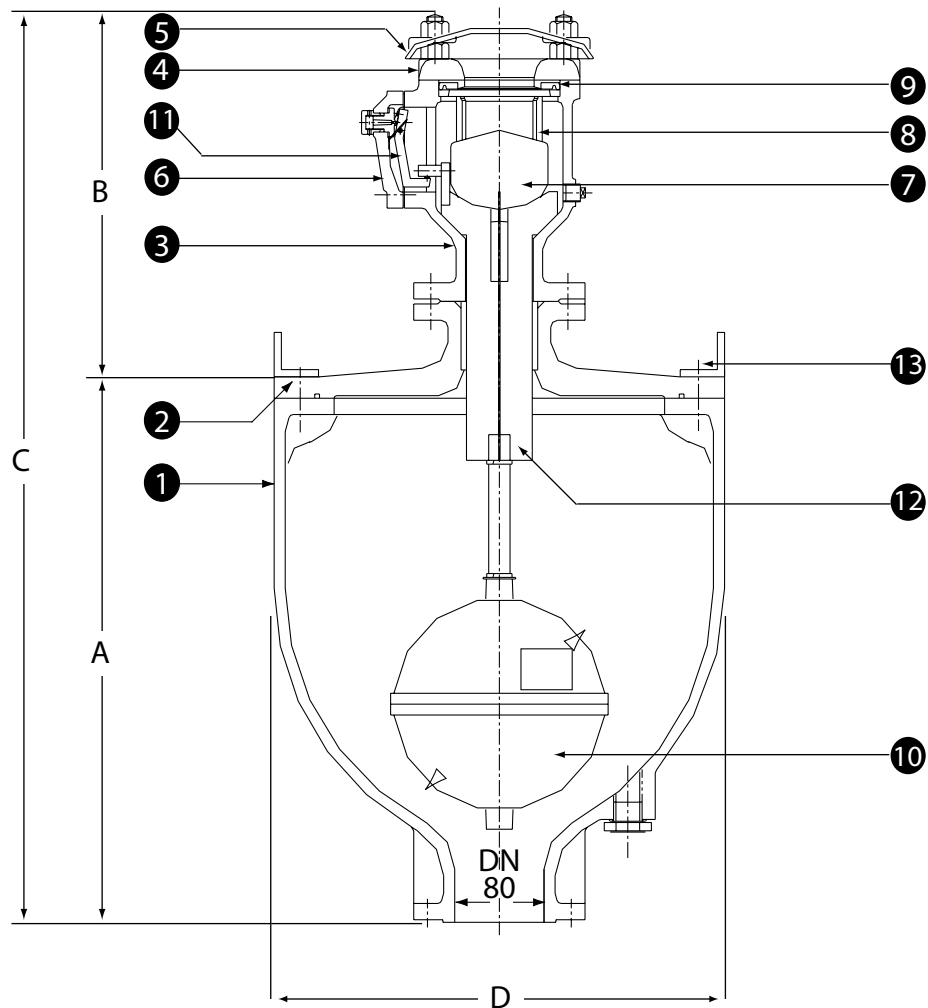


# SPECIFICATIONS

## Series 851/50 (1248) PN 16, Dual Orifice, Sewage Air Relief Valve

### Component List

- |                                    |                    |
|------------------------------------|--------------------|
| 1. Body                            | 8. Float Guides    |
| 2. Cover (Chamber)                 | 9. Seal            |
| 3. Air Valve Body                  | 10. Ball Float     |
| 4. Air Valve Cover                 | 11. Lever          |
| 5. Air Valve Cowl                  | 12. Float Elevator |
| 6. Air Valve Cover (Small Orifice) | 13. Fasteners      |
| 7. Top Float                       |                    |



### Dimensions (mm)

Ref. No.	DN	A	B	C	D	Approx Weight (kg)
851-080-50122000	80	635	415	1050	526	250