

AIR RELEASE VALVE

GUNMETAL, 25 mm



Air Release valves are fitted on the topmost points of Dry Risers, their main purpose being to release the air when water is pumped into the Riser. A floating ball arrangement inside the valve housing allows air to be released, but blocks the outlet when water reaches the valve, allowing pressure to build up in the Riser.

Brief Description : AAAG Air Release Valve, made of Gunmetal, 25 mm size MBSP threaded Inlet. The valve housing shall incorporate suitable arrangement (with ball) to release air from the riser when being filled with water, but close the opening when water reaches the valve.

1.0 GENERAL DATA

1.1	Make	AAAG
1.2	Model	Air Release Valve
1.3	Inlet	25 mm size Male BSP Threads
1.4	Outlet	Air Release arrangement
1.5	Material of Construction	Gunmetal
1.6	Reference	SBJ Drawing (See below)

2.0 MATERIAL OF CONSTRUCTION

2.1	Body	Gunmetal, IS: 318 LTB-2
2.2	Air Vent	Gunmetal, IS: 318 LTB-2
2.3	Top Cap	Gunmetal, IS: 318 LTB-2
2.4	Ball	Rubber coated Cork

3.0 TESTING AND QUALITY CONTROL

3.1	Dimensional check	See drawing below
3.2	Hydrostatic Pressure Test	21 Kgf/cm ² for 2.5 minutes
3.3	Documentation	Internal inspection report, supplier's certificates, approved laboratory test certificates

4.0 OPERATIONAL/ TECHNICAL DATA

4.1	Working pressure	7 kgf/cm ²
4.2	Weight (approx.)	4.5 Kgs. (approx)

5.0 FINISH

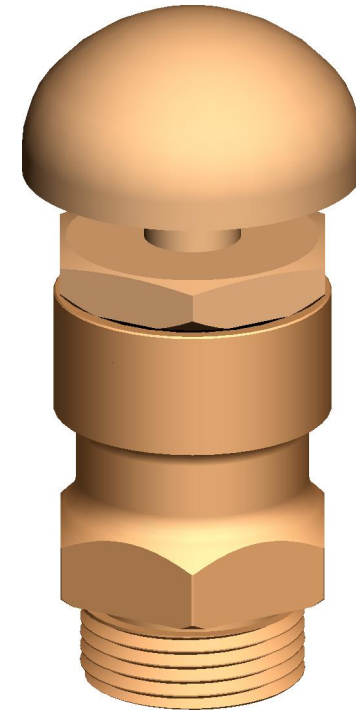
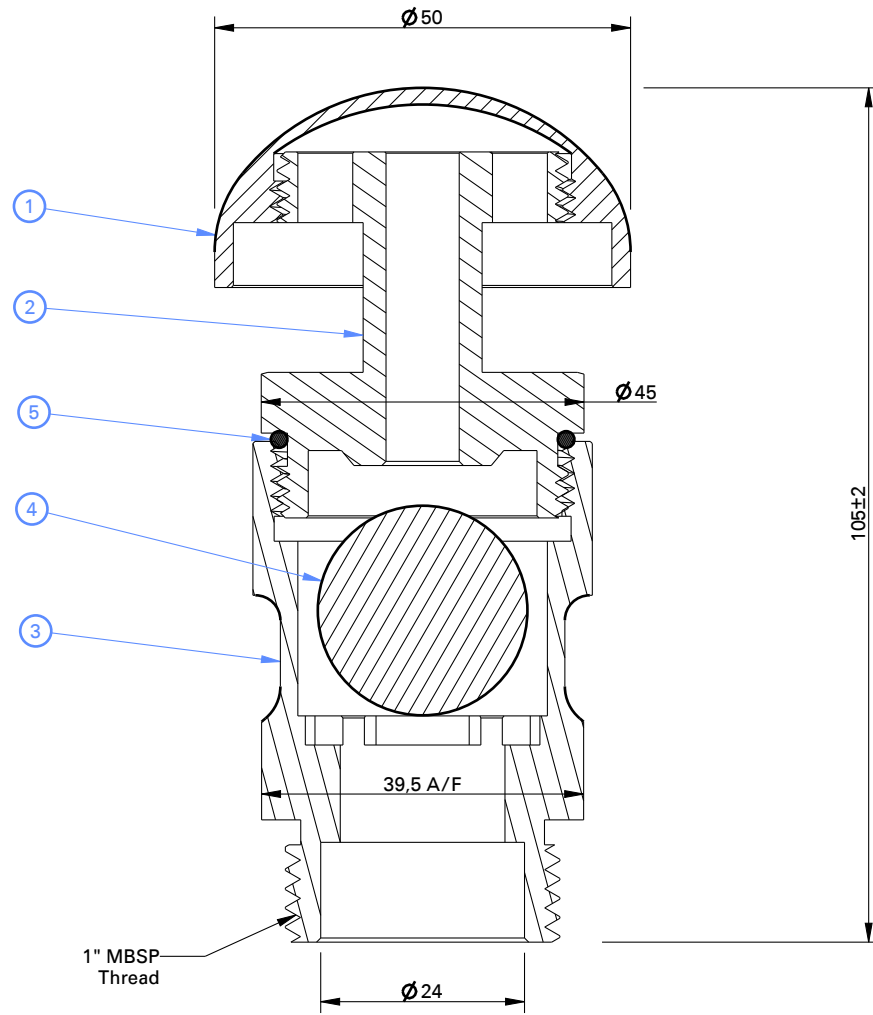
5.1	Body	Polished
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6.0 APPROVALS & MARKING

6.1	Approvals	--
6.2	Marking	AAAG/ Year of Mfg./SI No

7.0 WARRANTY

7.1	Warranty & Guarantee	12 Months from the date of supply
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NOTES :

Hydrotest Pressure : 15 KGF/CM2

1	TOP	GM IS: 318 LTB-2
2	AIR VENT BODY	GM IS: 318 LTB-2
3	BODY	GM IS: 318 LTB-2
4	BALL	RUBBER COATED
5	O' RING	RUBBER
NO	DESCRIPTION	MATERIAL

PART LIST



Shah Bhogilal Jethalal & Bros.

AHMEDABAD

TITLE :

Air Release Valve, 25 mm Size, Gunmetal

SCALE	DRAWING NO:	SHEET	REV.
N.T.S	G152-25BJ	1 OF 1	0