


PN 16/25

KAT-A 1943

Product characteristics and benefits

- With female thread for easy screwing onto the pipeline
- Single chamber air valve in compact design
- For discharge of small quantities of air
- For venting of small quantities of air
- Double function air valve
- Venting function:
 - Small orifice to release low quantities of air during operation under pressure
 - Small orifice to vent low quantities of air
- Outlet female threaded acc. to DIN ISO 228 G ¾", G 1", G 1 ¼"
- Minimum operation pressure: 0.5 bar
- For domestic water supply

Materials

- Body: Ductile iron EN-GJS-400-15 (GGG-40)
- Bonnet: Ductile iron EN-GJS-400-15 (GGG-40)
- Bonnet bolts: Stainless steel A2 (DIN EN ISO 3506)
- Float: Plastic polypropylene
- Sealing: NBR

Corrosion protection

- Internally and externally epoxy coated acc. to GSK guidelines

Versions

- Standard version as described
- With ball valve
- Flanged versions of sizes DN 25, 32, 40 & 50 on request

Field of application

- Chamber installation
- Installation in plants

Tests and approvals

- Final inspection test acc. to EN 12266

Without ball valve



With ball valve


Note

For proper installation and safe operation please follow the installation and operation instructions:
KAT-B 1943

Field of application

PN	Maximum operating pressure [bar]	Maximum operating temperature for neutral liquids [°C]
25	25	50
16	16	50

Pressure test acc. to EN 12266

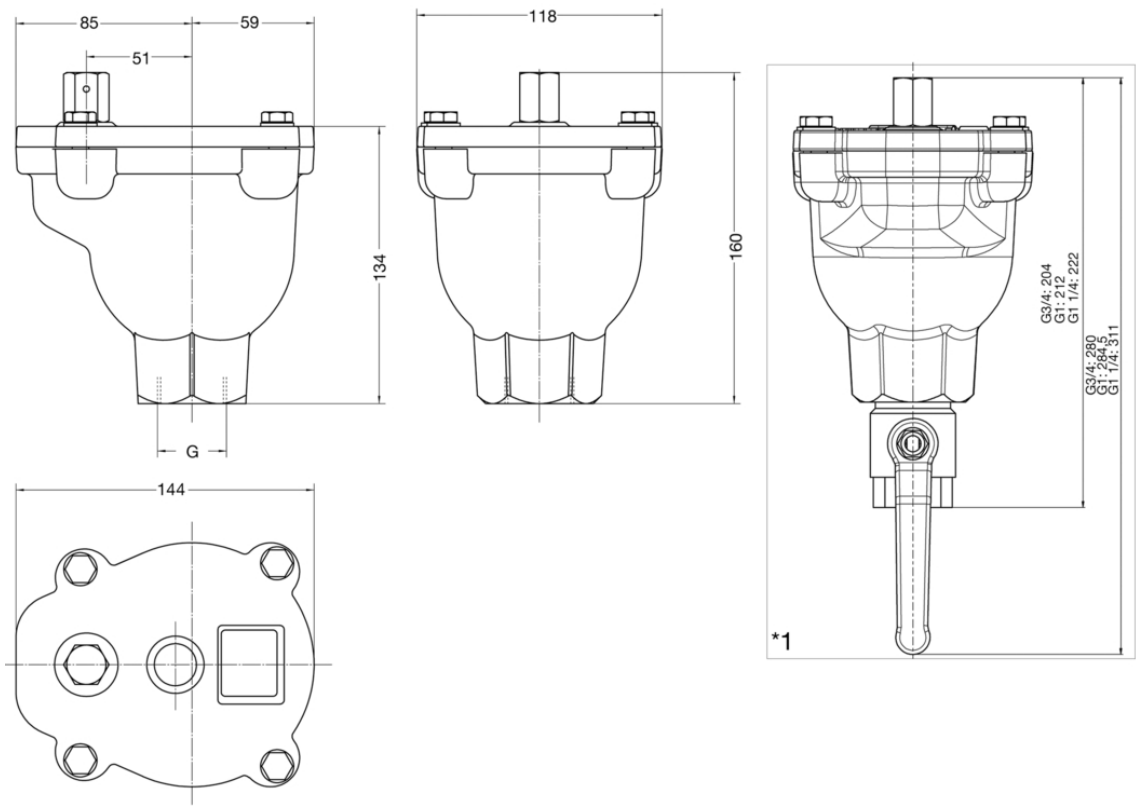
Test pressure body with water [bar]	Test pressure seat with water [bar]
37.5	37.5
21	21

VAG BEV-E Automatic Air Valve
Single-chamber type



Water

Drawing



*1: Ball valve as an option (not included in standard version)

Technical data

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G Screw connection	[inch]	1"	1 1/4"	3/4"
Weight without ball valve approx.	[kg]	4.5	4.5	4.5
Volume without ball valve approx.	[m³]	0.003	0.003	0.003

Flanged versions of sizes DN 25, 32, 40 & 50 on request

PN 25

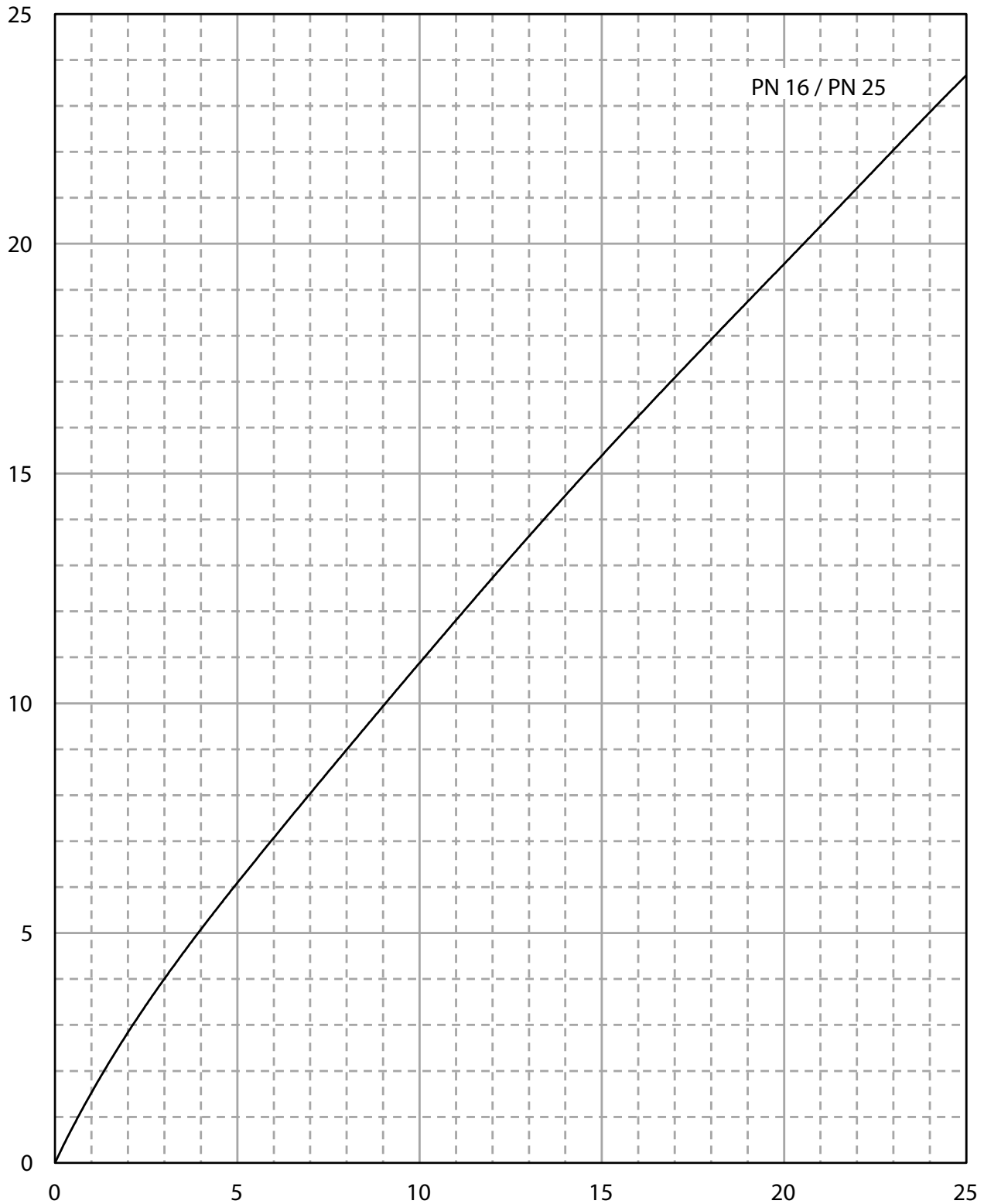
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Further information

Rate of air release at full internal operating pressure



x: Operating pressure p in pipeline [bar]
y: Air release rate Q [m³/h]