# VAG BEV-E Automatic Air Valve
Single-chamber type

**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)
- Float: Plastic
- 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


With ball valve

## Note

For proper installation and safe operation please follow the installation and operation instructions:
“Installation and Operating Instructions for Valves”

## 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 |


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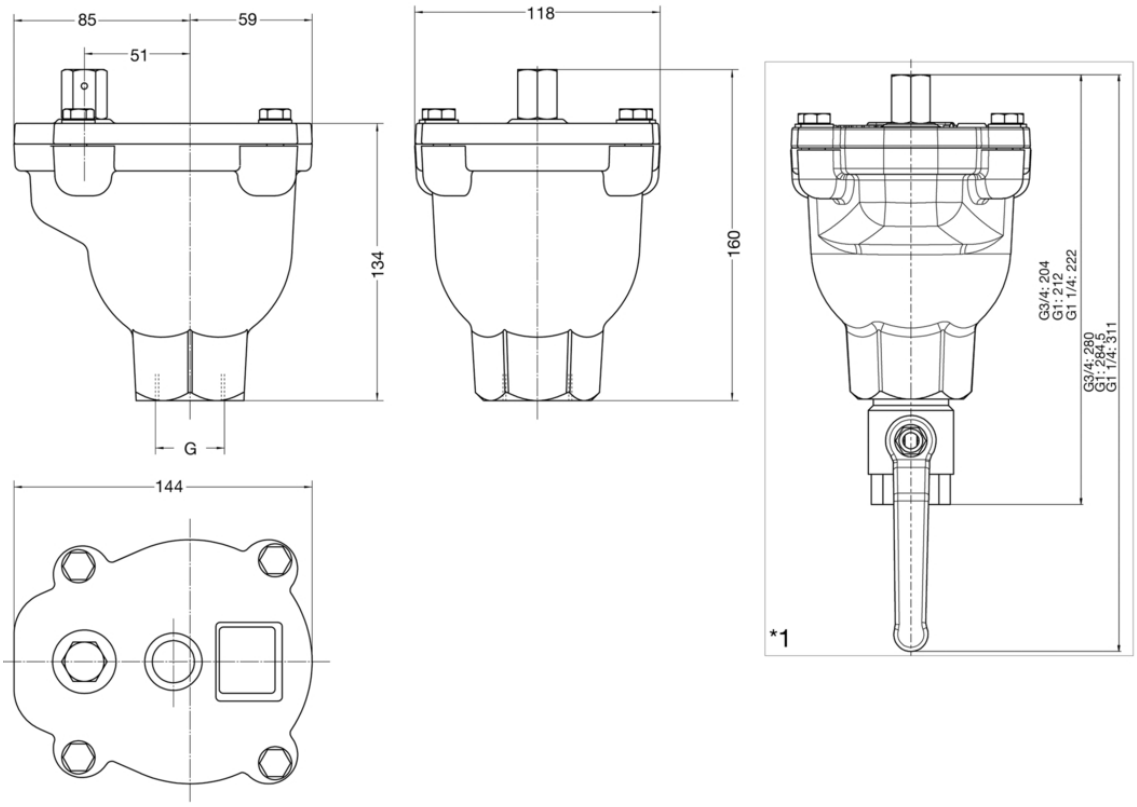
## Drawing




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

## Technical data

### PN 25

| G Screw [inch] connection | 1" | 1 1/4" | 3/4" |
|---|---|---|---|
| Weight without [kg] ball valve approx. | 4.5 | 4.5 | 4.5 |
| Volume without [$m^3$] ball valve approx. | 0.003 | 0.003 | 0.003 |

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

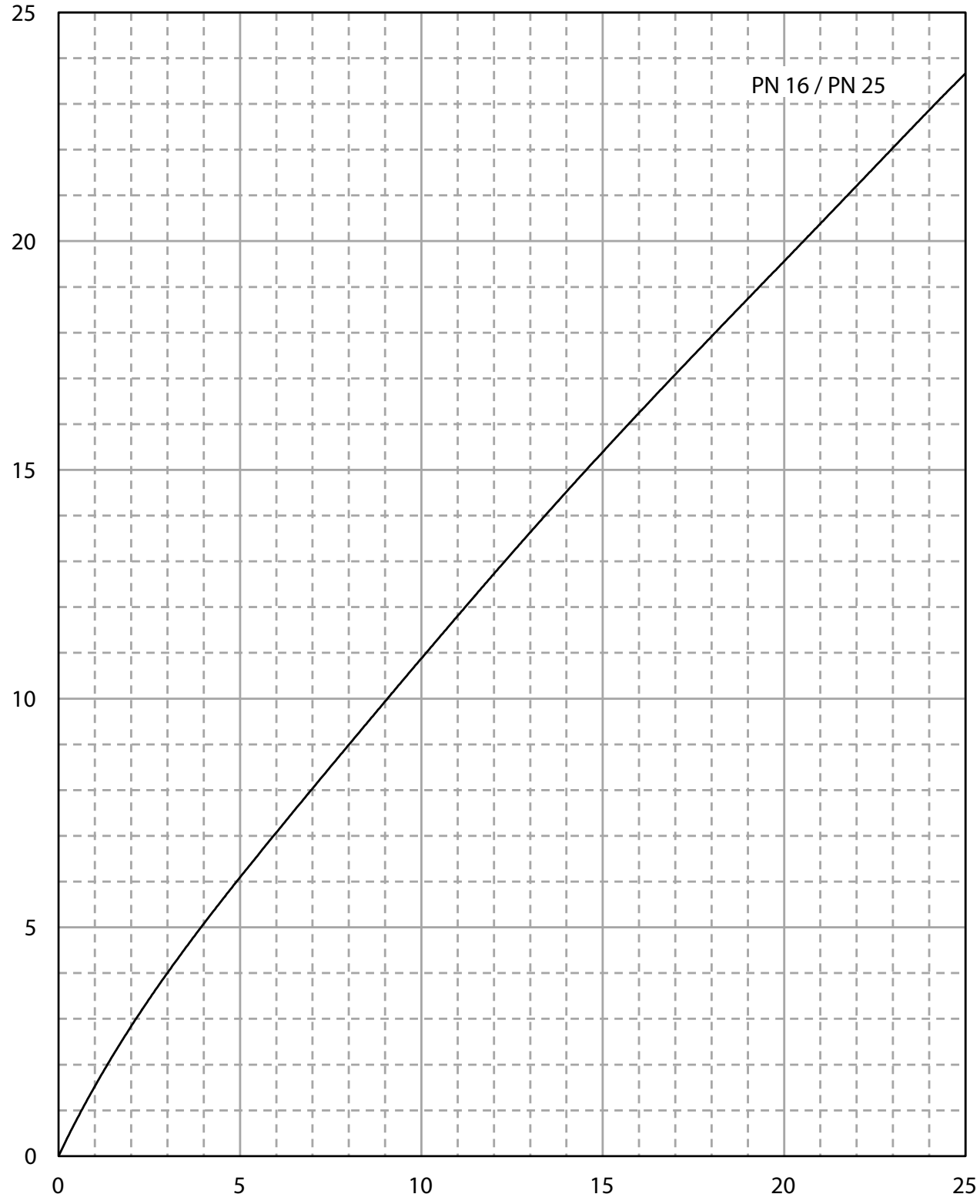
### PN 16

| G Screw [inch] connection | 1" | 1 1/4" | 3/4" |
|---|---|---|---|
| Weight without [kg] ball valve approx. | 4.5 | 4.5 | 4.5 |
| Volume without [$m^3$] ball valve approx. | 0.003 | 0.003 | 0.003 |

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

## Further information

### Rate of air release at full internal operating pressure




**x: Operating pressure p in pipeline [bar]**
**y: Air release rate Q [$m^3$/h]**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