

COMBINATION AIR RELEASE VALVE series NVC



VALVES



APPLICATION

Air valve for drinking water and neutral liquids up to 80°C

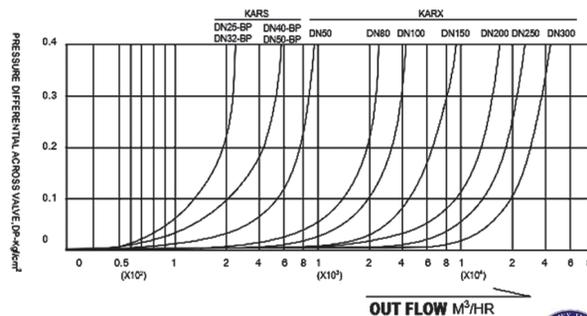
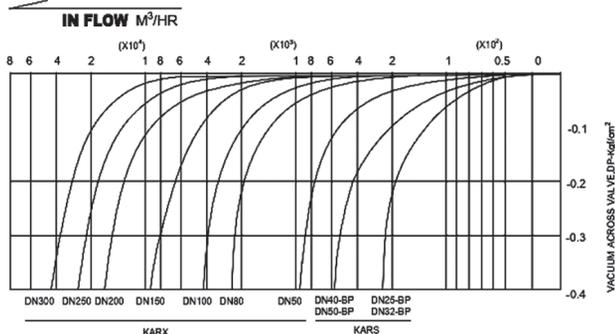
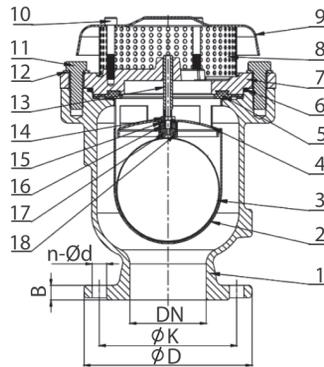
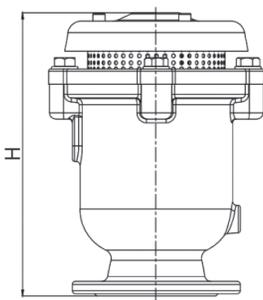
DESIGN FEATURES

- Non-slam anti-shock design
- Three functions:
 - Releases entrapped air in pressurized systems
 - Releases large amounts of air during pipeline filling
 - Admits large amounts of air during draining
- Screen for protection from insects
- Full bore
- Stainless steel float

TECHNICAL CHARACTERISTICS

- Hydrostatic tests according EN-12266-1, class A
- Designed to EN-1074/4 and AWWA C-512
- Flanges to EN-1092/2 or ANSI-150
- Flange drilling acc. PN10, PN16 and PN25 available under request.
- Color RAL5015
- Powder epoxy coating 250 µm thickness

| DN | Flange drilling | D | K | H | B | n-Ød | KG | BLUCAST ref. no. | No. | Item | Material |
|-----|-----------------|-----|-----|-----|------|--------|-------|------------------|-----|------------------|------------------------------------|
| 50 | PN10/16 | 165 | 125 | 305 | 19 | 4-Ø19 | 13.2 | NVC050 | 1 | Body | Ductile iron |
| 65 | PN10/16 | 185 | 145 | 305 | 19 | 4-Ø19 | 14.35 | NVC065 | 2 | Bushing | Stainless steel AISI 304 |
| 80 | PN10/16 | 200 | 160 | 330 | 19 | 8-Ø19 | 18.7 | NVC080 | 3 | Floating ball | Stainless steel AISI 304 |
| 100 | PN10/16 | 220 | 180 | 370 | 19 | 8-Ø19 | 24.55 | NVC100 | 4 | Disc | Stainless steel AISI 304 |
| 150 | PN10/16 | 285 | 240 | 450 | 19 | 8-Ø23 | 47.8 | NVC150 | 5 | Seal Ring | NBR |
| 200 | PN10 | 340 | 295 | 500 | 20 | 8-Ø23 | 82 | NVC200 | 6 | O ring | NBR |
| 250 | PN10 | 395 | 350 | 685 | 22 | 12-Ø23 | 160 | NVC250 | 7 | Bonnet | Ductile iron |
| 300 | PN10 | 445 | 400 | 780 | 24.5 | 12-Ø23 | 290 | NVC300 | 8 | Dustproof screen | Stainless steel AISI 304 |
| | | | | | | | | | 9 | Dust cover | Stainless steel AISI 304 |
| | | | | | | | | | 10 | Screw | Galvanized carbon steel or AISI304 |
| | | | | | | | | | 11 | Bolt | Stainless steel AISI 304 |
| | | | | | | | | | 12 | Flat Washer | Stainless steel AISI 304 |
| | | | | | | | | | 13 | Guide Rod | Brass |
| | | | | | | | | | 14 | Nut | Stainless steel AISI 304 |
| | | | | | | | | | 15 | O ring | NBR |
| | | | | | | | | | 16 | Lock Nut | Brass |
| | | | | | | | | | 17 | Sealing Plug | Silicon |
| | | | | | | | | | 18 | Sealing sleeve | Brass |



All illustrations, technical data, dimensions (in mm) and weights (all weights specified in kg) are non-binding and are subject to change

