

# Non-Return Valve

PN 10/16, EN 1074 part 3

Face-to-face length EN 558-1 basic series 48

Epoxy finish for water

Resilient-seated non-return valve for fast and complete shut-off of the backflow in pipelines, flanges as per EN 1092-2, inside and outside epoxy blue RAL 5005 according to GSK, bonnet bolts A2, EPDM gaskets as per DVGW W 270.

Delivery without ventilation device, bonnet nut can be exchanged for ventilation device required back pressure for tightness: 0.5 bar

## Material

- Body, bonnet and disc - EN-GJS-400-15 (JS 1030)
- Disc gasket – EPDM-vulcanised all around
- Bonnet nut - brass CW 614 N
- Cover screws: A2
- Shaft – 1.4301

All materials in contact with potable water correspond to the German UBA guidelines.

## Surface Protection

- inside and outside epoxy blue RAL 5005 according to the GSK guidelines, 300 µm

**Field of application:** Water up to +60 °C

| Nominal Diameter DN | Nominal pressure PN | Test pressure in bar (water) |                |                    |
|---------------------|---------------------|------------------------------|----------------|--------------------|
|                     |                     | Body                         | Seat           |                    |
|                     |                     |                              | flow direction | backflow direction |
| 40–300              | 16                  | 24                           | 17,6           | 0,5                |
| 200–300             | 10                  | 15                           | 11             | 0,5                |

| Item no. | DN  | Operating pressure max. |
|----------|-----|-------------------------|
| 310915   | 40  | 16                      |
| 310916   | 50  | 16                      |
| 310917   | 65  | 16                      |
| 304287   | 80  | 16                      |
| 304286   | 100 | 16                      |
| 310918   | 125 | 16                      |
| 304288   | 150 | 16                      |
| 310919   | 200 | 10                      |
| 310920   | 200 | 16                      |
| 310921   | 250 | 10                      |
| 310922   | 250 | 16                      |
| 310923   | 300 | 10                      |
| 310924   | 300 | 16                      |

## Ventilation device brass, CW 614 N

| Item no. | DN        |
|----------|-----------|
|          | 40 – 100  |
|          | 125 – 300 |

situation 04.20

Subject to modification and error

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