

## Merkmale / Features

- |                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>D</b></p> <ul style="list-style-type: none"> <li>• Rückschlagventil mit Flanschanschluss</li> <li>• Baulänge nach EN 558-1, Reihe 1</li> <li>• Flanschanschluss PN16-PN40 nach EN 1092-1, Form B1</li> <li>• Temperatur: -10°C bis +400°C</li> <li>• Selbsttätig, bei Druck des Mediums - Federbelastet</li> <li>• PED 2014/68/EU, Annex III, Modul H</li> <li>• Design nach EN 14341</li> <li>• Geprüft gemäß EN 12266</li> </ul> | <p><b>E</b></p> <ul style="list-style-type: none"> <li>• Lift check valve with flange connection</li> <li>• Face to face acc. to EN 558-1, Series 1</li> <li>• Flanged ends PN16-PN40 acc. to EN 1092-1, Form B1</li> <li>• Temperature: -10°C to +400°C</li> <li>• Self-acting by pressure of medium - Spring loaded</li> <li>• PED 2014/68/EU, Annex III, Module H</li> <li>• Design acc. to EN 14341</li> <li>• Testing acc. to EN 12266</li> </ul> |
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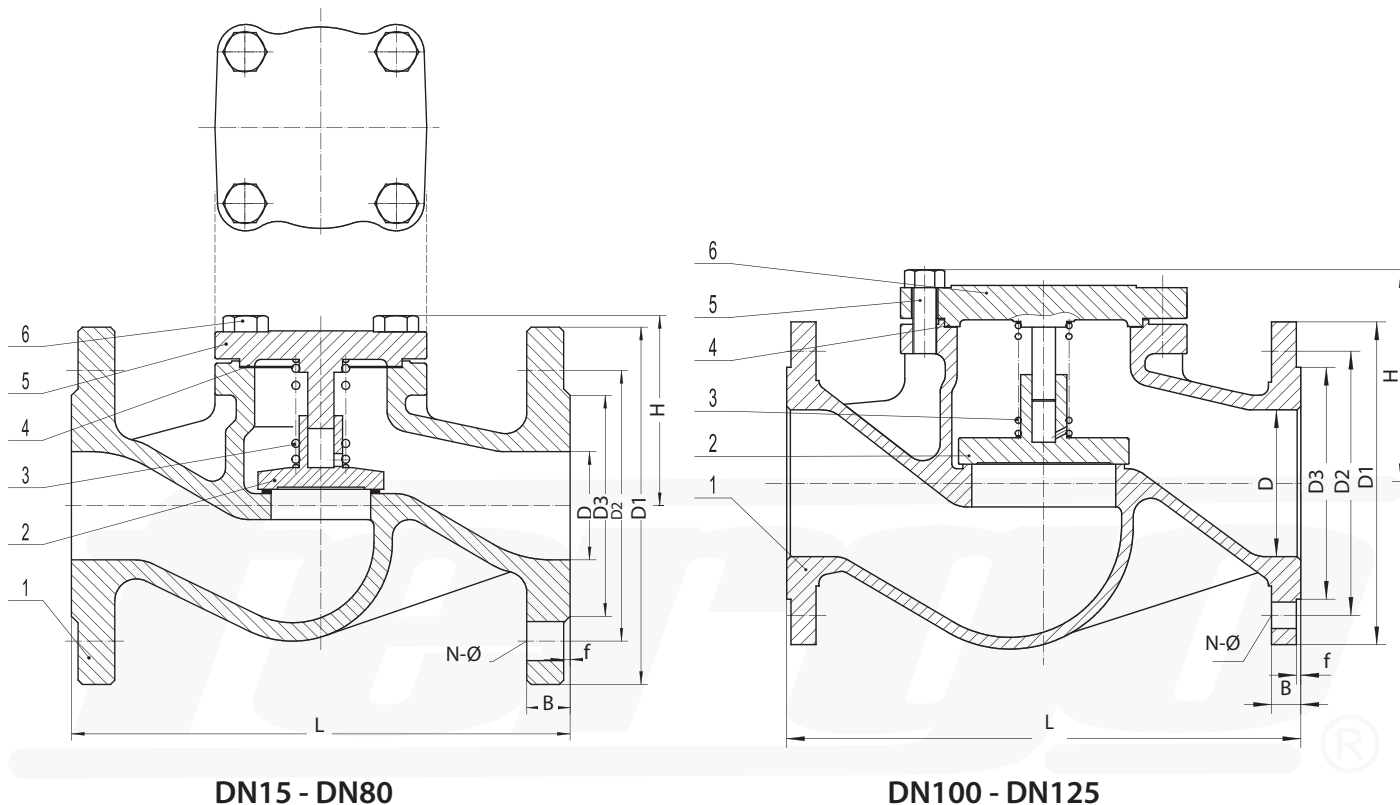
RV430

## Druck-Temperatur-Kennwerte / Pressure-temperature-ratings

| Temperatur [°C] | 50   | 100  | 150  | 200  | 250  | 300  | 350  | 375  | 400  |
|-----------------|------|------|------|------|------|------|------|------|------|
| Druckstufe [PN] |      |      |      |      |      |      |      |      |      |
| 16              | 14,9 | 13,6 | 12,7 | 11,4 | 10,4 | 9,4  | 8,8  | 8,6  | 8,4  |
| 25              | 23,2 | 21,3 | 19,8 | 17,8 | 16,2 | 14,7 | 13,7 | 13,5 | 13,2 |
| 40              | 37,2 | 34,1 | 31,7 | 28,4 | 26   | 23,5 | 21,9 | 21,6 | 21,1 |

## Werkstoffe / Materials

| Nr. | Bauteil / Part    | Werkstoff / Material |
|-----|-------------------|----------------------|
| 1   | Gehäuse / Body    | 1.0619               |
| 2   | Teller / Disc     | 13Cr, A105+13Cr      |
| 3   | Feder / Spring    | SS304                |
| 4   | Dichtung / Gasket | SS304 + Graphite     |
| 5   | Haube / Bonnet    | 1.0619               |
| 6   | Bolzen / Bolt     | ASME A193 B7         |



## Abmessungen / Dimensions [mm]

| DN  | PN | L   | D   | D1  | D2  | D3  | N - Ø | H   | B  | f | Offnungsdruck / Opening Pressure [bar] | Gewicht / Weight [kg] |
|-----|----|-----|-----|-----|-----|-----|-------|-----|----|---|----------------------------------------|-----------------------|
| 15  | 16 | 130 | 15  | 95  | 65  | 45  | 4x14  | 70  | 16 | 2 | 0,09                                   | 2,9                   |
|     | 40 | 130 | 15  | 95  | 65  | 45  | 4x14  | 70  | 16 | 2 | 0,09                                   | 2,9                   |
| 20  | 16 | 150 | 20  | 105 | 75  | 58  | 4x14  | 70  | 18 | 2 | 0,05                                   | 3,6                   |
|     | 40 | 150 | 20  | 105 | 75  | 58  | 4x14  | 70  | 18 | 2 | 0,05                                   | 3,6                   |
| 25  | 16 | 160 | 25  | 115 | 85  | 68  | 4x14  | 80  | 18 | 2 | 0,07                                   | 4,4                   |
|     | 40 | 160 | 25  | 115 | 85  | 68  | 4x14  | 80  | 18 | 2 | 0,07                                   | 4,4                   |
| 32  | 16 | 180 | 32  | 140 | 100 | 78  | 4x18  | 80  | 18 | 2 | 0,06                                   | 5,8                   |
|     | 40 | 180 | 32  | 140 | 100 | 78  | 4x18  | 80  | 18 | 2 | 0,06                                   | 5,8                   |
| 40  | 16 | 200 | 40  | 150 | 110 | 88  | 4x18  | 85  | 18 | 3 | 0,05                                   | 7,6                   |
|     | 40 | 200 | 40  | 150 | 110 | 88  | 4x18  | 85  | 18 | 3 | 0,05                                   | 7,6                   |
| 50  | 16 | 230 | 50  | 165 | 125 | 102 | 4x18  | 95  | 18 | 3 | 0,04                                   | 10                    |
|     | 40 | 230 | 50  | 165 | 125 | 102 | 4x18  | 95  | 20 | 3 | 0,04                                   | 10                    |
| 65  | 16 | 290 | 65  | 185 | 145 | 122 | 8x18  | 110 | 18 | 3 | 0,06                                   | 13                    |
|     | 40 | 290 | 65  | 185 | 145 | 122 | 8x18  | 110 | 22 | 3 | 0,06                                   | 13                    |
| 80  | 16 | 310 | 80  | 200 | 160 | 138 | 8x18  | 130 | 20 | 3 | 0,07                                   | 18                    |
|     | 40 | 310 | 80  | 200 | 160 | 138 | 8x18  | 130 | 24 | 3 | 0,07                                   | 20                    |
| 100 | 16 | 350 | 100 | 220 | 180 | 158 | 8x18  | 155 | 20 | 3 | 0,06                                   | 28                    |
|     | 40 | 350 | 100 | 235 | 190 | 162 | 8x22  | 155 | 24 | 3 | 0,06                                   | 32,5                  |
| 125 | 16 | 400 | 125 | 250 | 210 | 188 | 8x18  | 165 | 22 | 3 | 0,05                                   | 44                    |
|     | 40 | 400 | 125 | 270 | 220 | 188 | 8x26  | 165 | 26 | 3 | 0,05                                   | 51                    |

Mit der Artikelnummer direkt bestellen / Order directly with our article number

Artikelnummer Aufbau / Article number structure

| Bauform Typ / Design Type                        | Produktauswahl / Product selection                                                       | Größe / Size                                                                                                                                                                                                                                                                       |
|--------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rückschlagventil / Lift check valve<br>Typ RV430 | PN16/40 (bis DN50 / upto DN50) - <b>4010</b><br>PN40 (ab DN65 / from DN65) - <b>4011</b> | DN 15 (1/2") - <b>04</b><br>DN 20 (3/4") - <b>05</b><br>DN 25 (1") - <b>06</b><br>DN 32 (1 1/4") - <b>07</b><br>DN 40 (1 1/2") - <b>08</b><br>DN 50 (2") - <b>09</b><br>DN 65 (2 1/2") - <b>10</b><br>DN 80 (3") - <b>11</b><br>DN 100 (4") - <b>12</b><br>DN 125 (5") - <b>13</b> |
| Rückschlagventil - <b>300</b>                    |                                                                                          |                                                                                                                                                                                                                                                                                    |

Bestellbispiel / Order Example

**300-4010-09**

300: Rückschlagventil RV430 / Lift check valve RV430

4010: PN16/40

09: 2" (DN50)

