

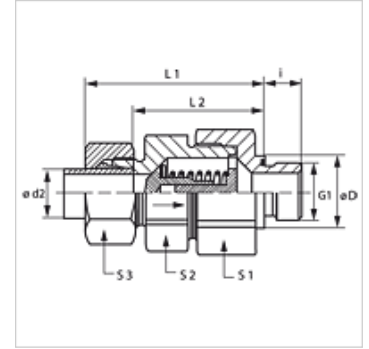
# HZR ED VA

Non-return valve, screw-in connection

**HANSA FLEX**

## Properties

|                        |  |
|------------------------|--|
| <b>Connection 1</b>    | BSP external thread, cylindrical       |
| <b>Sealing form 1</b>  | Shape E                                |
| <b>Connection 2</b>    | metric cylindrical outer thread        |
| <b>Sealing form 2</b>  | 24° inner cone                         |
| <b>Design</b>          | Non-return valve, screw-in connection  |
| <b>Construction</b>    | straight                               |
| <b>Standard</b>        | DIN 3865                               |
| <b>Scope of supply</b> | Socket with union nut and cutting ring |
| <b>Material</b>        | Stainless steel                        |



## Note

Information about fitting, installation, pressure loads and permissible operating temperatures can be found in the technical information for pipe fittings.

## Description

Direction of flow to screw-in pin

## Ordering information

Seals of NBR

FPM (Viton) on request

Also available with opening pressure of 0.2; 0.5; 2; 3 bar

## Item

| Identification     | Opening pressure | Series | Operating pressure | Ø d2 (mm) | G1           | Ø D (mm) | i (mm) | L1 (mm) | L2 (mm) | S1 | S2 | S3 |
|--------------------|------------------|--------|--------------------|-----------|--------------|----------|--------|---------|---------|----|----|----|
| HZR NW 04 HL ED VA | approx. 1 bar    | L      | PN 250             | 6         | G 1/8" -28   | 14       | 8      | 41,0    | 26,5    | 17 | 17 | 14 |
| HZR NW 06 HL ED VA | approx. 1 bar    | L      | PN 250             | 8         | G 1/4" -19   | 19       | 12     | 43,0    | 28,5    | 19 | 19 | 17 |
| HZR NW 08 HL ED VA | approx. 1 bar    | L      | PN 250             | 10        | G 1/4" -19   | 19       | 12     | 53,0    | 38,5    | 24 | 22 | 19 |
| HZR NW 10 HL ED VA | approx. 1 bar    | L      | PN 250             | 12        | G 3/8" -19   | 22       | 12     | 55,0    | 40,5    | 30 | 27 | 22 |
| HZR NW 13 HL ED VA | approx. 1 bar    | L      | PN 250             | 15        | G 1/2" -14   | 27       | 14     | 57,5    | 42,5    | 32 | 27 | 27 |
| HZR NW 16 HL ED VA | approx. 1 bar    | L      | PN 160             | 18        | G 1/2" -14   | 27       | 14     | 64,0    | 48,0    | 36 | 36 | 32 |
| HZR NW 20 HL ED VA | approx. 1 bar    | L      | PN 160             | 22        | G 3/4" -14   | 32       | 16     | 72,0    | 56,0    | 46 | 41 | 36 |
| HZR NW 25 HL ED VA | approx. 1 bar    | L      | PN 100             | 28        | G 1" -11     | 40       | 18     | 80,5    | 64,0    | 55 | 50 | 41 |
| HZR NW 32 HL ED VA | approx. 1 bar    | L      | PN 100             | 35        | G 1.1/4" -11 | 50       | 20     | 91,5    | 70,0    | 60 | 60 | 50 |
| HZR NW 40 HL ED VA | approx. 1 bar    | L      | PN 100             | 42        | G 1.1/2" -11 | 55       | 22     | 93,0    | 70,5    | 70 | 65 | 60 |
| HZR NW 03 HS ED VA | approx. 1 bar    | S      | PN 400             | 6         | G 1/4" -19   | 19       | 12     | 46,0    | 31,5    | 19 | 19 | 17 |
| HZR NW 04 HS ED VA | approx. 1 bar    | S      | PN 400             | 8         | G 1/4" -19   | 19       | 12     | 46,0    | 31,5    | 19 | 19 | 17 |
| HZR NW 06 HS ED VA | approx. 1 bar    | S      | PN 400             | 10        | G 3/8" -19   | 22       | 12     | 54,0    | 38,0    | 24 | 22 | 22 |
| HZR NW 08 HS ED VA | approx. 1 bar    | S      | PN 400             | 12        | G 3/8" -19   | 22       | 12     | 57,0    | 41,0    | 27 | 24 | 24 |
| HZR NW 10 HS ED VA | approx. 1 bar    | S      | PN 315             | 14        | G 1/2" -14   | 27       | 14     | 61,0    | 43,5    | 32 | 27 | 27 |
| HZR NW 13 HS ED VA | approx. 1 bar    | S      | PN 315             | 16        | G 1/2" -14   | 27       | 14     | 64,0    | 46,0    | 36 | 32 | 30 |
| HZR NW 16 HS ED VA | approx. 1 bar    | S      | PN 250             | 20        | G 3/4" -14   | 32       | 16     | 71,5    | 50,0    | 46 | 41 | 36 |
| HZR NW 20 HS ED VA | approx. 1 bar    | S      | PN 250             | 25        | G 1" -11     | 40       | 18     | 78,5    | 54,5    | 50 | 46 | 46 |
| HZR NW 25 HS ED VA | approx. 1 bar    | S      | PN 250             | 30        | G 1.1/4" -11 | 50       | 20     | 90,5    | 64,0    | 60 | 60 | 50 |
| HZR NW 32 HS ED VA | approx. 1 bar    | S      | PN 250             | 38        | G 1.1/2" -11 | 55       | 22     | 102,0   | 71,5    | 70 | 65 | 60 |

Series: LL = Very light L = Light S = Heavy - PN = Nominal pressure PB = Max. operating pressure - Ø d2 = External pipe diameter

## Product versions

|                   |  |
|-------------------|--|
| <b>HZR ED</b>     | Non-return valve, screw-in connection, Steel           |
| <b>XHZR ED VA</b> | Non-return valve, screw-in connection, Stainless steel |

## Spare parts

|             |                           |
|-------------|---------------------------|
| <b>WD V</b> | Soft seal for ED fittings |
|-------------|---------------------------|