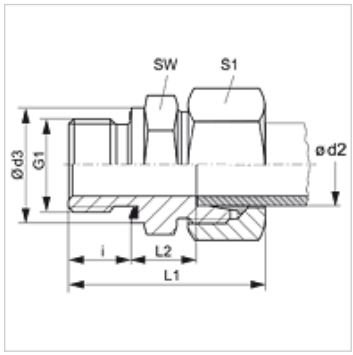
# VR ED VA
Conexão roscada

HANSA-FLEX

## Características

| | |
|---|---|
| **Conexão 1** | Rosca externa BSP cilíndrica |
| **Tipo de vedação 1** | Forma E |
| **Conexão 2** | Rosca externa métrica cilíndrica |
| **Tipo de vedação 2** | Cone interno 24° |
| **Tipo** | União macho |
| **Modelo** | reto |
| **Norma** | DIN 2353<br>ISO 8434-1 |
| **Escopo de fornecimento** | Conexão com porca e anilha |
| **Material** | Aço inoxidável |






## Nota

As instruções relativas à montagem e instalação, às cargas de pressão e às temperaturas operacionais admissíveis constam nas Informações Técnicas para Conexões para tubo.

## Instruções de encomenda

Vedações NBR
FPM (Viton) a pedido

## Artigo

| Descrição | Série | Pressão operacional bar | Ø d2 (mm) | G1 | Ø d3 (mm) | i (mm) | L1 (mm) | L2 (mm) | SW (mm) | S1 |
|---|---|---|---|---|---|---|---|---|---|---|
| **VR NW 04 HL ED VA** | L | PN 315 | 6 | Rosca 1/8" -28 | 14,0 | 8 | 31,0 | 8,5 | 14 | 14 |
| **VR NW 04 HL 1/4 ED VA** | L | PN 315 | 6 | Rosca 1/4" -19 | 18,7 | 12 | 39,0 | 10,0 | 19 | 14 |
| **VR NW 04 HL 3/8 ED VA** | L | PN 315 | 6 | Rosca 3/8" -19 | 22,0 | 12 | 39,0 | 11,5 | 22 | 14 |
| **VR NW 04 HL 1/2 ED VA** | L | PN 315 | 6 | Rosca 1/2" -14 | 27,0 | 14 | 43,0 | 12,0 | 27 | 14 |
| **VR NW 06 HL 1/8 ED VA** | L | PN 315 | 8 | Rosca 1/8" -28 | 14,0 | 8 | 34,0 | 9,5 | 14 | 17 |
| **VR NW 06 HL ED VA** | L | PN 315 | 8 | Rosca 1/4" -19 | 18,7 | 12 | 37,0 | 10,0 | 19 | 17 |
| **VR NW 06 HL 3/8 ED VA** | L | PN 315 | 8 | Rosca 3/8" -19 | 22,0 | 12 | 40,5 | 11,5 | 22 | 17 |
| **VR NW 06 HL 1/2 ED VA** | L | PN 315 | 8 | Rosca 1/2" -14 | 27,0 | 14 | 42,5 | 12,0 | 27 | 14 |
| **VR NW 08 HL 1/8 ED VA** | L | PN 315 | 10 | Rosca 1/8" -28 | 14,0 | 8 | 35,5 | 10,5 | 17 | 19 |
| **VR NW 08 HL ED VA** | L | PN 315 | 10 | Rosca 1/4" -19 | 18,7 | 12 | 38,0 | 11,0 | 19 | 19 |
| **VR NW 08 HL 3/8 ED VA** | L | PN 315 | 10 | Rosca 3/8" -19 | 22,0 | 12 | 42,5 | 12,5 | 22 | 19 |
| **VR NW 08 HL 1/2 ED VA** | L | PN 315 | 10 | Rosca 1/2" -14 | 26,7 | 14 | 46,5 | 13,0 | 27 | 19 |
| **VR NW 08 HL 3/4 ED VA** | L | PN 315 | 10 | Rosca 3/4" -14 | 32,0 | 16 | 44,0 | 14,0 | 32 | 19 |
| **VR NW 10 HL 1/8 ED VA** | L | PN 315 | 12 | Rosca 1/8" -28 | 14,0 | 8 | 37,0 | 11,0 | 19 | 22 |
| **VR NW 10 HL 1/4 ED VA** | L | PN 315 | 12 | Rosca 1/4" -19 | 18,7 | 12 | 42,0 | 12,5 | 22 | 22 |
| **VR NW 10 HL ED VA** | L | PN 315 | 12 | Rosca 3/8" -19 | 22,0 | 12 | 39,0 | 12,5 | 22 | 22 |
| **VR NW 10 HL 1/2 ED VA** | L | PN 315 | 12 | Rosca 1/2" -14 | 26,7 | 14 | 45,0 | 13,0 | 27 | 22 |
| **VR NW 10 HL 3/4 ED VA** | L | PN 160 | 12 | Rosca 3/4" -14 | 32,0 | 16 | 47,0 | 14,0 | 32 | 22 |
| **VR NW 13 HL 1/4 ED VA** | L | PN 315 | 15 | Rosca 1/4" -19 | 19,0 | 12 | 44,0 | 13,0 | 24 | 27 |
| **VR NW 13 HL 3/8 ED VA** | L | PN 315 | 15 | Rosca 3/8" -19 | 22,0 | 12 | 43,0 | 13,6 | 27 | 27 |
| **VR NW 13 HL ED VA** | L | PN 315 | 15 | Rosca 1/2" -14 | 26,7 | 14 | 43,0 | 14,0 | 27 | 27 |
| **VR NW 13 HL 3/4 ED VA** | L | PN 315 | 15 | Rosca 3/4" -14 | 32,0 | 16 | 48,5 | 15,0 | 32 | 27 |
| **VR NW 16 HL 3/8 ED VA** | L | PN 315 | 18 | Rosca 3/8" -19 | 22,0 | 12 | 45,0 | 14,0 | 27 | 32 |
| **VR NW 16 HL ED VA** | L | PN 315 | 18 | Rosca 1/2" -14 | 26,7 | 14 | 45,0 | 14,5 | 27 | 32 |
| **VR NW 16 HL 3/4 ED VA** | L | PN 315 | 18 | Rosca 3/4" -14 | 32,0 | 16 | 50,0 | 14,5 | 32 | 32 |
| **VR NW 16 HL 1 ED VA** | L | PN 315 | 18 | Rosca 1" -11 | 40,0 | 18 | 52,0 | 16,5 | 41 | 32 |
| **VR NW 20 HL 3/8 ED VA** | L | PN 160 | 22 | Rosca 3/8" -19 | 22,0 | 12 | 61,0 | 16,0 | 32 | 36 |
| **VR NW 20 HL 1/2 ED VA** | L | PN 315 | 22 | Rosca 1/2" -14 | 27,0 | 14 | 51,0 | 16,5 | 32 | 36 |
| **VR NW 20 HL ED VA** | L | PN 160 | 22 | Rosca 3/4" -14 | 32,0 | 16 | 49,0 | 16,5 | 32 | 36 |
| **VR NW 20 HL 1 ED VA** | L | PN 160 | 22 | Rosca 1" -11 | 40,0 | 18 | 56,0 | 17,5 | 41 | 36 |
| **VR NW 20 HL 1 1/4 ED VA** | L | PN 160 | 22 | Rosca 1.1/4" -11 | 50,0 | 20 | 54,0 | 17,5 | 50 | 36 |
| **VR NW 25 HL 1/2 ED VA** | L | PN 160 | 28 | Rosca 1/2" -14 | 27,0 | 14 | 47,0 | 17,5 | 41 | 41 |
| **VR NW 25 HL 3/4 ED VA** | L | PN 160 | 28 | Rosca 3/4" -14 | 32,0 | 16 | 54,0 | 17,5 | 41 | 41 |
| **VR NW 25 HL ED VA** | L | PN 160 | 28 | Rosca 1" -11 | 39,7 | 18 | 52,0 | 17,5 | 41 | 41 |
| **VR NW 25 HL 1 1/4 ED VA** | L | PN 160 | 28 | Rosca 1.1/4" -11 | 50,0 | 20 | 55,0 | 18,5 | 50 | 41 |
| **VR NW 32 HL 1/2 ED VA** | L | PN 160 | 35 | Rosca 1/2" -14 | 27,0 | 14 | 51,0 | 17,5 | 46 | 50 |
| **VR NW 32 HL 3/4 ED VA** | L | PN 160 | 35 | Rosca 3/4" -14 | 27,0 | 16 | 54,0 | 18,5 | 46 | 50 |
| **VR NW 32 HL 1 ED VA** | L | PN 160 | 35 | Rosca 1" -11 | 40,0 | 18 | 60,0 | 17,5 | 46 | 50 |

*Apesar de uma verificação cuidadosa, não podemos excluir a possibilidade de erros e não assumimos qualquer responsabilidade pelos dados aqui contidos.*

# VR ED VA
Conexão roscada

HANSA-FLEX

## Artigo

| Descrição | Série | Pressão operacional bar | Ø d2 (mm) | G1 | Ø d3 (mm) | i (mm) | L1 (mm) | L2 (mm) | SW (mm) | S1 |
|---|---|---|---|---|---|---|---|---|---|---|
| **VR NW 32 HL ED VA** | L | PN 160 | 35 | Rosca 1.1/4" -11 | 49,7 | 20 | 59,0 | 17,5 | 50 | 50 |
| **VR NW 32 HL 1 1/2 ED VA** | L | PN 160 | 35 | Rosca 1.1/2" -11 | 55,0 | 22 | 66,0 | 19,5 | 55 | 50 |
| **VR NW 40 HL 1 ED VA** | L | PN 160 | 42 | Rosca 1" -11 | 40,0 | 18 | 65,0 | 19,0 | 55 | 60 |
| **VR NW 40 HL ED VA** | L | PN 160 | 42 | Rosca 1.1/2" -11 | 55,0 | 22 | 69,0 | 19,0 | 55 | 60 |
| **VR NW 40 HL 1 1/4 ED VA** | L | PN 160 | 42 | Rosca 1.1/4" -11 | 50,0 | 20 | 67,0 | 19,0 | 55 | 60 |
| | | | | | | | | | | |
| **VR NW 03 HS 1/8 ED VA** | S | PN 630 | 6 | Rosca 1/8" -28 | 14,0 | 8 | 36,0 | 13,0 | 14 | 17 |
| **VR NW 03 HS ED VA** | S | PN 630 | 6 | Rosca 1/4" -19 | 18,7 | 12 | 40,0 | 13,0 | 19 | 17 |
| **VR NW 03 HS 3/8 ED VA** | S | PN 630 | 6 | Rosca 3/8" -19 | 22,0 | 12 | 42,0 | 15,5 | 22 | 17 |
| **VR NW 03 HS 1/2 ED VA** | S | PN 630 | 6 | Rosca 1/2" -14 | 27,0 | 14 | 48,0 | 18,0 | 27 | 17 |
| **VR NW 03 HS 3/4 ED VA** | S | PN 630 | 6 | Rosca 3/4" -14 | 31,9 | 16 | 45,0 | 15,0 | 32 | 17 |
| **VR NW 04 HS 1/8 ED VA** | S | PN 630 | 8 | Rosca 1/8" -28 | 14,0 | 8 | 38,0 | 14,0 | 17 | 19 |
| **VR NW 04 HS ED VA** | S | PN 630 | 8 | Rosca 1/4" -19 | 18,7 | 12 | 42,0 | 15,0 | 19 | 19 |
| **VR NW 04 HS 3/8 ED VA** | S | PN 630 | 8 | Rosca 3/8" -19 | 22,0 | 12 | 42,5 | 15,5 | 22 | 19 |
| **VR NW 04 HS 1/2 ED VA** | S | PN 630 | 8 | Rosca 1/2" -14 | 27,0 | 14 | 47,0 | 15,0 | 27 | 19 |
| **VR NW 06 HS 1/8 ED VA** | S | PN 630 | 10 | Rosca 1/8" -28 | 14,0 | 8 | 38,5 | 13,5 | 19 | 22 |
| **VR NW 06 HS 1/4 ED VA** | S | PN 630 | 10 | Rosca 1/4" -19 | 18,7 | 12 | 42,5 | 14,5 | 22 | 22 |
| **VR NW 06 HS ED VA** | S | PN 630 | 10 | Rosca 3/8" -19 | 22,0 | 12 | 43,0 | 15,0 | 22 | 22 |
| **VR NW 06 HS 1/2 ED VA** | S | PN 630 | 10 | Rosca 1/2" -14 | 26,7 | 14 | 47,0 | 17,5 | 27 | 22 |
| **VR NW 06 HS 3/4 ED VA** | S | PN 630 | 10 | Rosca 3/4" -14 | 31,9 | 16 | 47,0 | 14,5 | 32 | 22 |
| **VR NW 08 HS 1/4 ED VA** | S | PN 630 | 12 | Rosca 1/4" -19 | 19,0 | 12 | 45,0 | 16,5 | 22 | 24 |
| **VR NW 08 HS ED VA** | S | PN 630 | 12 | Rosca 3/8" -19 | 22,0 | 12 | 45,0 | 17,0 | 22 | 24 |
| **VR NW 08 HS 1/2 ED VA** | S | PN 630 | 12 | Rosca 1/2" -14 | 27,0 | 14 | 47,5 | 17,5 | 27 | 24 |
| **VR NW 08 HS 3/4 ED VA** | S | PN 630 | 12 | Rosca 3/4" -14 | 32,0 | 16 | 52,0 | 17,5 | 32 | 24 |
| **VR NW 10 HS 1/4 ED VA** | S | PN 630 | 14 | Rosca 1/4" -19 | 19,0 | 12 | 46,0 | 16,0 | 24 | 27 |
| **VR NW 10 HS 3/8 ED VA** | S | PN 630 | 14 | Rosca 3/8" -19 | 22,0 | 12 | 48,0 | 18,5 | 24 | 27 |
| **VR NW 10 HS ED VA** | S | PN 630 | 14 | Rosca 1/2" -14 | 26,7 | 14 | 51,0 | 19,0 | 27 | 27 |
| **VR NW 10 HS 3/4 ED VA** | S | PN 630 | 14 | Rosca 3/4" -14 | 32,0 | 16 | 55,0 | 21,0 | 32 | 27 |
| **VR NW 10 HS 1 ED VA** | S | PN 630 | 14 | Rosca 1" -11 | 40,0 | 18 | 59,0 | 23,0 | 41 | 24 |
| **VR NW 13 HS 1/4 ED VA** | S | PN 400 | 16 | Rosca 1/4" -19 | 19,0 | 12 | 50,0 | 17,5 | 27 | 30 |
| **VR NW 13 HS 3/8 ED VA** | S | PN 400 | 16 | Rosca 3/8" -19 | 22,0 | 12 | 47,0 | 18,0 | 27 | 30 |
| **VR NW 13 HS ED VA** | S | PN 400 | 16 | Rosca 1/2" -14 | 26,7 | 14 | 51,0 | 18,5 | 27 | 30 |
| **VR NW 13 HS 3/4 ED VA** | S | PN 400 | 16 | Rosca 3/4" -14 | 32,0 | 16 | 55,0 | 20,5 | 32 | 30 |
| **VR NW 13 HS 1 ED VA** | S | PN 400 | 16 | Rosca 1" -11 | 40,0 | 18 | 59,0 | 22,5 | 41 | 30 |
| **VR NW 16 HS 3/8 ED VA** | S | PN 400 | 20 | Rosca 3/8" -19 | 22,0 | 12 | - | 18,0 | 32 | 36 |
| **VR NW 16 HS 1/2 ED VA** | S | PN 400 | 20 | Rosca 1/2" -14 | 27,0 | 14 | 56,0 | 20,5 | 32 | 36 |
| **VR NW 16 HS ED VA** | S | PN 400 | 20 | Rosca 3/4" -14 | 32,0 | 16 | 58,0 | 20,5 | 32 | 36 |
| **VR NW 16 HS 1 ED VA** | S | PN 400 | 20 | Rosca 1" -11 | 39,7 | 18 | 62,0 | 20,5 | 41 | 36 |
| **VR NW 16 HS 11/4 ED VA** | S | PN 400 | 20 | Rosca 1.1/4" -11 | 50,0 | 20 | 64,0 | 22,5 | 50 | 36 |
| **VR NW 16 HS 11/2 ED VA** | S | PN 400 | 20 | Rosca 1.1/2" -11 | 55,0 | 22 | 69,0 | 25,5 | 55 | 36 |
| **VR NW 20 HS 1/2 ED VA** | S | PN 400 | 25 | Rosca 1/2" -14 | 27,0 | 14 | 61,0 | 23,0 | 41 | 46 |
| **VR NW 20 HS 3/4 ED VA** | S | PN 400 | 25 | Rosca 3/4" -14 | 32,0 | 16 | 63,0 | 23,0 | 41 | 46 |
| **VR NW 20 HS ED VA** | S | PN 400 | 25 | Rosca 1" -11 | 39,7 | 18 | 65,0 | 23,0 | 41 | 46 |
| **VR NW 20 HS 1 1/4 ED VA** | S | PN 400 | 25 | Rosca 1.1/4" -11 | 50,0 | 18 | 65,0 | 23,0 | 50 | 46 |
| **VR NW 20 HS 11/2 ED VA** | S | PN 400 | 25 | Rosca 1.1/2" -11 | 55,0 | 22 | 72,0 | 26,0 | 55 | 46 |
| **VR NW 25 HS 3/4 ED VA** | S | PN 400 | 30 | Rosca 3/4" -14 | 32,0 | 16 | - | 25,5 | 46 | 50 |
| **VR NW 25 HS 1 ED VA** | S | PN 400 | 30 | Rosca 1" -11 | 40,0 | 18 | 68,0 | 23,5 | 46 | 50 |
| **VR NW 25 HS ED VA** | S | PN 400 | 30 | Rosca 1.1/4" -11 | 49,7 | 20 | 70,0 | 23,5 | 50 | 50 |
| **VR NW 25 HS 1 1/2 ED VA** | S | PN 400 | 30 | Rosca 1.1/2" -11 | 55,0 | 22 | 75,0 | 23,5 | 55 | 50 |
| **VR NW 32 HS 1 ED VA** | S | PN 315 | 38 | Rosca 1" -11 | 40,0 | 18 | 60,0 | 26,0 | 46 | 50 |
| **VR NW 32 HS 1 1/4 ED VA** | S | PN 315 | 38 | Rosca 1.1/4" -11 | 50,0 | 20 | 74,0 | 26,0 | 55 | 60 |
| **VR NW 32 HS ED VA** | S | PN 315 | 38 | Rosca 1.1/2" -11 | 55,0 | 22 | 79,0 | 26,0 | 55 | 60 |

Série: LL = muito leve  L = leve  S = pesada – PN = Pressão nominal PB = Pressão operacional máx. – Ø d2 = diâmetro externo do tubo

## Variantes do produto

| | |
|---|---|
| **VR ED** | Conexão roscada, Aço |
| **VR ED MG** | Conexão roscada, Latão |
| **XVR ED VA** | Conexão roscada, Aço inoxidável |

## Acessório para

| | |
|---|---|
| **WD V** | Vedação em elastômero para conexões ED |

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