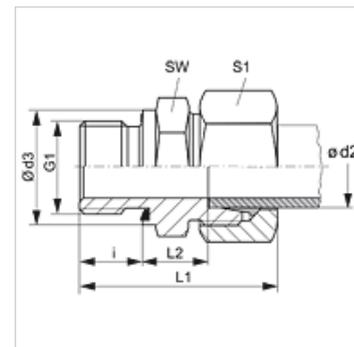


## Características

|                        |                                  |
|------------------------|----------------------------------|
| 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                              |
| Proteção de superfície | com revestimento galvanizado     |



## 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.

## Artigo

| Descrição            | Série | Pressão operacional bar | Ø d2 (mm) | G1               | Ø d3 (mm) | i (mm) | L1 (mm) | L2 (mm) | SW (mm) | S1 |
|----------------------|-------|-------------------------|-----------|------------------|-----------|--------|---------|---------|---------|----|
| VR 04 LL ED          | LL    | PN 100                  | 4         | Rosca 1/8" -28   | 14,0      | 8      | 28,0    | 9,5     | 14      | 10 |
| VR 06 LL ED          | LL    | PN 100                  | 6         | Rosca 1/8" -28   | 14,0      | 8      | 28,0    | 8,0     | 14      | 12 |
| VR NW 04 HL ED       | L     | PN 315                  | 6         | Rosca 1/8" -28   | 14,0      | 8      | 31,0    | 8,5     | 14      | 14 |
| VR NW 04 HL 1/4 ED   | L     | PN 315                  | 6         | Rosca 1/4" -19   | 18,7      | 12     | 39,0    | 10,0    | 19      | 14 |
| VR NW 04 HL 1/2 ED   | L     | PN 315                  | 6         | Rosca 1/2" -14   | 27,0      | 14     | 43,0    | 12,0    | 27      | 14 |
| VR NW 04 HL 3/8 ED   | L     | PN 315                  | 6         | Rosca 3/8" -19   | 22,0      | 12     | 39,0    | 11,5    | 22      | 14 |
| VR NW 06 HL 1/8 ED   | L     | PN 315                  | 8         | Rosca 1/8" -28   | 14,0      | 8      | 34,0    | 9,5     | 14      | 17 |
| VR NW 06 HL ED       | L     | PN 315                  | 8         | Rosca 1/4" -19   | 18,7      | 12     | 37,0    | 10,0    | 19      | 17 |
| VR NW 06 HL 3/8 ED   | L     | PN 315                  | 8         | Rosca 3/8" -19   | 22,0      | 12     | 40,5    | 11,5    | 22      | 17 |
| VR NW 06 HL 1/2 ED   | L     | PN 315                  | 8         | Rosca 1/2" -14   | 27,0      | 14     | 42,5    | 12,0    | 27      | 14 |
| VR NW 08 HL 1/8 ED   | L     | PN 315                  | 10        | Rosca 1/8" -28   | 14,0      | 8      | 35,5    | 10,5    | 17      | 19 |
| VR NW 08 HL ED       | L     | PN 315                  | 10        | Rosca 1/4" -19   | 18,7      | 12     | 38,0    | 11,0    | 19      | 19 |
| VR NW 08 HL 3/8 ED   | L     | PN 315                  | 10        | Rosca 3/8" -19   | 22,0      | 12     | 42,5    | 12,5    | 22      | 19 |
| VR NW 08 HL 1/2 ED   | L     | PN 315                  | 10        | Rosca 1/2" -14   | 26,7      | 14     | 46,5    | 13,0    | 27      | 19 |
| VR NW 10 HL 1/4 ED   | L     | PN 315                  | 12        | Rosca 1/4" -19   | 18,7      | 12     | 42,0    | 12,5    | 22      | 22 |
| VR NW 10 HL ED       | L     | PN 315                  | 12        | Rosca 3/8" -19   | 22,0      | 12     | 39,0    | 12,5    | 22      | 22 |
| VR NW 10 HL 1/2 ED   | L     | PN 315                  | 12        | Rosca 1/2" -14   | 26,7      | 14     | 45,0    | 13,0    | 27      | 22 |
| VR NW 10 HL 3/4 ED   | L     | PN 160                  | 12        | Rosca 3/4" -14   | 32,0      | 16     | 47,0    | 14,0    | 32      | 22 |
| VR NW 13 HL 3/8 ED   | L     | PN 315                  | 15        | Rosca 3/8" -19   | 22,0      | 12     | 43,0    | 13,6    | 27      | 27 |
| VR NW 13 HL ED       | L     | PN 315                  | 15        | Rosca 1/2" -14   | 26,7      | 14     | 43,0    | 14,0    | 27      | 27 |
| VR NW 13 HL 3/4 ED   | L     | PN 315                  | 15        | Rosca 3/4" -14   | 32,0      | 16     | 48,5    | 15,0    | 32      | 27 |
| VR NW 16 HL 3/8 ED   | L     | PN 315                  | 18        | Rosca 3/8" -19   | 22,0      | 12     | 45,0    | 14,0    | 27      | 32 |
| VR NW 16 HL ED       | L     | PN 315                  | 18        | Rosca 1/2" -14   | 26,7      | 14     | 45,0    | 14,5    | 27      | 32 |
| VR NW 16 HL 3/4 ED   | L     | PN 315                  | 18        | Rosca 3/4" -14   | 32,0      | 16     | 50,0    | 14,5    | 32      | 32 |
| VR NW 20 HL 1/2 ED   | L     | PN 315                  | 22        | Rosca 1/2" -14   | 27,0      | 14     | 51,0    | 16,5    | 32      | 36 |
| VR NW 20 HL ED       | L     | PN 160                  | 22        | Rosca 3/4" -14   | 32,0      | 16     | 49,0    | 16,5    | 32      | 36 |
| VR NW 20 HL 1 ED     | L     | PN 160                  | 22        | Rosca 1" -11     | 40,0      | 18     | 56,0    | 17,5    | 41      | 36 |
| VR NW 25 HL 3/4 ED   | L     | PN 160                  | 28        | Rosca 3/4" -14   | 32,0      | 16     | 54,0    | 17,5    | 41      | 41 |
| VR NW 25 HL ED       | L     | PN 160                  | 28        | Rosca 1" -11     | 39,7      | 18     | 52,0    | 17,5    | 41      | 41 |
| VR NW 25 HL 1 1/4 ED | L     | PN 160                  | 28        | Rosca 1.1/4" -11 | 60,0      | 20     | 55,0    | 18,5    | 50      | 41 |
| VR NW 32 HL 1 ED     | L     | PN 160                  | 35        | Rosca 1" -11     | 40,0      | 18     | 60,0    | 17,5    | 46      | 50 |
| VR NW 32 HL ED       | L     | PN 160                  | 35        | Rosca 1.1/4" -11 | 49,7      | 20     | 59,0    | 17,5    | 50      | 50 |
| VR NW 40 HL 1 1/4 ED | L     | PN 160                  | 42        | Rosca 1.1/4" -11 | 50,0      | 20     | 67,0    | 19,0    | 55      | 60 |
| VR NW 40 HL ED       | L     | PN 160                  | 42        | Rosca 1.1/2" -11 | 55,0      | 22     | 69,0    | 19,0    | 55      | 60 |
| VR NW 03 HS ED       | S     | PN 630                  | 6         | Rosca 1/4" -19   | 18,7      | 12     | 40,0    | 13,0    | 19      | 17 |
| VR NW 03 HS 1/2 ED   | S     | PN 630                  | 6         | Rosca 1/2" -14   | 27,0      | 14     | 48,0    | 18,0    | 27      | 17 |
| VR NW 04 HS ED       | S     | PN 630                  | 8         | Rosca 1/4" -19   | 18,7      | 12     | 42,0    | 15,0    | 19      | 19 |
| VR NW 04 HS 3/8 ED   | S     | PN 630                  | 8         | Rosca 3/8" -19   | 22,0      | 12     | 42,5    | 15,5    | 22      | 19 |
| VR NW 06 HS 1/4 ED   | S     | PN 630                  | 10        | Rosca 1/4" -19   | 18,7      | 12     | 42,5    | 14,5    | 22      | 22 |
| VR NW 06 HS ED       | S     | PN 630                  | 10        | Rosca 3/8" -19   | 22,0      | 12     | 43,0    | 15,0    | 22      | 22 |



## Artigo

| Descrição            | Série | Pressão operacional bar | Ø d2 (mm) | G1               | Ø d3 (mm) | i (mm) | L1 (mm) | L2 (mm) | SW (mm) | S1 |
|----------------------|-------|-------------------------|-----------|------------------|-----------|--------|---------|---------|---------|----|
| VR NW 06 HS 1/2 ED   | S     | PN 630                  | 10        | Rosca 1/2" -14   | 26,7      | 14     | 47,0    | 17,5    | 27      | 22 |
| VR NW 08 HS 1/4 ED   | S     | PN 630                  | 12        | Rosca 1/4" -19   | 19,0      | 12     | 45,0    | 16,5    | 22      | 24 |
| VR NW 08 HS ED       | S     | PN 630                  | 12        | Rosca 3/8" -19   | 22,0      | 12     | 45,0    | 17,0    | 22      | 24 |
| VR NW 08 HS 1/2 ED   | S     | PN 630                  | 12        | Rosca 1/2" -14   | 27,0      | 14     | 47,5    | 17,5    | 27      | 24 |
| VR NW 10 HS 3/8 ED   | S     | PN 630                  | 14        | Rosca 3/8" -19   | 22,0      | 12     | 48,0    | 18,5    | 24      | 27 |
| VR NW 10 HS ED       | S     | PN 630                  | 14        | Rosca 1/2" -14   | 26,7      | 14     | 51,0    | 19,0    | 27      | 27 |
| VR NW 10 HS 3/4 ED   | S     | PN 630                  | 14        | Rosca 3/4" -14   | 32,0      | 16     | 55,0    | 21,0    | 32      | 27 |
| VR NW 13 HS 3/8 ED   | S     | PN 400                  | 16        | Rosca 3/8" -19   | 22,0      | 12     | 47,0    | 18,0    | 27      | 30 |
| VR NW 13 HS ED       | S     | PN 400                  | 16        | Rosca 1/2" -14   | 26,7      | 14     | 51,0    | 18,5    | 27      | 30 |
| VR NW 13 HS 3/4 ED   | S     | PN 400                  | 16        | Rosca 3/4" -14   | 32,0      | 16     | 55,0    | 20,5    | 32      | 30 |
| VR NW 16 HS 1/2 ED   | S     | PN 400                  | 20        | Rosca 1/2" -14   | 27,0      | 14     | 56,0    | 20,5    | 32      | 36 |
| VR NW 16 HS ED       | S     | PN 400                  | 20        | Rosca 3/4" -14   | 32,0      | 16     | 58,0    | 20,5    | 32      | 36 |
| VR NW 16 HS 1 ED     | S     | PN 400                  | 20        | Rosca 1" -11     | 39,7      | 18     | 62,0    | 20,5    | 41      | 36 |
| VR NW 20 HS 1/2 ED   | S     | PN 400                  | 25        | Rosca 1/2" -14   | 27,0      | 14     | 61,0    | 23,0    | 41      | 46 |
| VR NW 20 HS 3/4 ED   | S     | PN 400                  | 25        | Rosca 3/4" -14   | 32,0      | 16     | 63,0    | 23,0    | 41      | 46 |
| VR NW 20 HS ED       | S     | PN 400                  | 25        | Rosca 1" -11     | 39,7      | 18     | 65,0    | 23,0    | 41      | 46 |
| VR NW 25 HS ED       | S     | PN 400                  | 30        | Rosca 1.1/4" -11 | 49,7      | 20     | 70,0    | 23,5    | 50      | 50 |
| VR NW 25 HS 1 ED     | S     | PN 400                  | 30        | Rosca 1" -11     | 40,0      | 18     | 68,0    | 23,5    | 46      | 50 |
| VR NW 32 HS 1 1/4 ED | S     | PN 315                  | 38        | Rosca 1.1/4" -11 | 50,0      | 20     | 74,0    | 26,0    | 55      | 60 |
| VR NW 32 HS ED       | 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 MG | Conexão roscada, Latão          |
| VR ED VA | Conexão roscada, Aço inoxidável |
| XVR ED   | Conexão roscada, Aço            |

## Acessório para

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