

# VM ED VA

## Screw in fitting

### Properties

|                        |  |
|------------------------|--|
| <b>Connection 1</b>    | metric cylindrical outer thread        |
| <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>          | Screw-in fitting                       |
| <b>Construction</b>    | straight                               |
| <b>Standard</b>        | DIN 2353<br>ISO 8434-1                 |
| <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.

### Ordering information

Seals of NBR  
FPM (Viton) on request

### Item

| Identification       | Series | Operating pressure | Ø d2 (mm) | G1         | Ø d3 (mm) | i (mm) | L1 (mm) | L2 (mm) | AF (mm) | S1 |
|----------------------|--------|--------------------|-----------|------------|-----------|--------|---------|---------|---------|----|
| VM NW 04 HL ED VA    | L      | PN 315             | 6         | M 10 x 1   | 14,0      | 8      | 31,0    | 8,5     | 14      | 14 |
| VM NW 04 HL 12 ED VA | L      | PN 315             | 6         | M 12 x 1.5 | 17,0      | 12     | 36,5    | 8,5     | 17      | 14 |
| VM NW 04 HL 14 ED VA | L      | PN 315             | 6         | M 14 x 1.5 | 19,0      | 12     | 39,0    | 10,0    | 19      | 14 |
| VM NW 06 HL 10 ED VA | L      | PN 315             | 8         | M 10 x 1   | 14,0      | 8      | 34,0    | 9,5     | 17      | 17 |
| VM NW 06 HL ED VA    | L      | PN 315             | 8         | M 12 x 1.5 | 17,0      | 12     | 37,0    | 10,0    | 17      | 17 |
| VM NW 06 HL 14 ED VA | L      | PN 315             | 8         | M 14 x 1.5 | 19,0      | 12     | 39,0    | 10,0    | 19      | 17 |
| VM NW 06 HL 16 ED VA | L      | PN 315             | 8         | M 16 x 1.5 | 21,7      | 12     | 39,5    | 10,0    | 22      | 17 |
| VM NW 06 HL 18 ED VA | L      | PN 315             | 8         | M 18 x 1.5 | 24,0      | 12     | 39,5    | 10,0    | 24      | 17 |
| VM NW 08 HL 10 ED VA | L      | PN 315             | 10        | M 10 x 1   | 14,0      | 8      | 34,0    | 11,0    | 17      | 19 |
| VM NW 08 HL 12 ED VA | L      | PN 315             | 10        | M 12 x 1.5 | 17,0      | 12     | 40,5    | 11,0    | 17      | 19 |
| VM NW 08 HL ED VA    | L      | PN 315             | 10        | M 14 x 1.5 | 19,0      | 12     | 38,0    | 11,0    | 19      | 19 |
| VM NW 08 HL 16 ED VA | L      | PN 315             | 10        | M 16 x 1.5 | 21,7      | 12     | 38,0    | 12,5    | 22      | 19 |
| VM NW 08 HL 18 ED VA | L      | PN 315             | 10        | M 18 x 1.5 | 23,7      | 12     | 42,0    | 12,5    | 24      | 19 |
| VM NW 08 HL 22 ED VA | L      | PN 315             | 10        | M 22 x 1.5 | 27,0      | 14     | 44,0    | 12,5    | 27      | 19 |
| VM NW 10 HL 12 ED VA | L      | PN 315             | 12        | M 12 x 1.5 | 17,0      | 12     | 40,0    | 13,0    | 19      | 22 |
| VM NW 10 HL 14 ED VA | L      | PN 315             | 12        | M 14 x 1.5 | 19,0      | 12     | 40,0    | 11,0    | 19      | 22 |
| VM NW 10 HL ED VA    | L      | PN 315             | 12        | M 16 x 1.5 | 21,7      | 12     | 39,0    | 12,5    | 22      | 22 |
| VM NW 10 HL 18 ED VA | L      | PN 315             | 12        | M 18 x 1.5 | 23,7      | 12     | 42,0    | 17,0    | 24      | 22 |
| VM NW 10 HL 22 ED VA | L      | PN 315             | 12        | M 22 x 1.5 | 27,0      | 14     | 46,0    | 14,0    | 27      | 22 |
| VM NW 13 HL ED VA    | L      | PN 315             | 15        | M 18 x 1.5 | 23,7      | 12     | 41,0    | 13,5    | 24      | 27 |
| VM NW 13 HL 16 ED VA | L      | PN 315             | 15        | M 16 x 1.5 | 22,0      | 12     | 44,0    | 13,0    | 24      | 27 |
| VM NW 13 HL 22 ED VA | L      | PN 315             | 15        | M 22 x 1.5 | 27,0      | 14     | 47,0    | 14,5    | 27      | 27 |
| VM NW 16 HL 18 ED VA | L      | PN 315             | 18        | M 18 x 1.5 | 24,0      | 12     | 45,0    | 14,0    | 27      | 32 |
| VM NW 16 HL ED VA    | L      | PN 315             | 18        | M 22 x 1.5 | 27,0      | 14     | 45,0    | 14,5    | 27      | 32 |
| VM NW 20 HL ED VA    | L      | PN 160             | 22        | M 26 x 1.5 | 31,7      | 16     | 49,0    | 16,5    | 32      | 36 |
| VM NW 25 HL ED VA    | L      | PN 160             | 28        | M 33 x 2   | 39,7      | 18     | 52,0    | 17,5    | 41      | 41 |
| VM NW 32 HL ED VA    | L      | PN 160             | 35        | M 42 x 2   | 49,7      | 20     | 59,0    | 17,5    | 50      | 50 |
| VM NW 40 HL ED VA    | L      | PN 160             | 42        | M 48 x 2   | 55,0      | 22     | 64,0    | 19,0    | 55      | 60 |
| VM NW 03 HS ED VA    | S      | PN 630             | 6         | M 12 x 1.5 | 17,0      | 12     | 40,0    | 13,0    | 17      | 17 |
| VM NW 03 HS 14 ED VA | S      | PN 315             | 6         | M 14 x 1.5 | 19,0      | 12     | 40,0    | 10,0    | 19      | 14 |
| VM NW 04 HS ED VA    | S      | PN 630             | 8         | M 14 x 1.5 | 19,0      | 12     | 42,0    | 15,0    | 19      | 19 |
| VM NW 06 HS ED VA    | S      | PN 630             | 10        | M 16 x 1.5 | 21,7      | 12     | 43,0    | 15,0    | 22      | 22 |
| VM NW 08 HS 14 ED VA | S      | PN 630             | 12        | M 14 x 1.5 | 19,0      | 12     | 45,0    | 16,5    | 22      | 24 |
| VM NW 08 HS ED VA    | S      | PN 630             | 12        | M 18 x 1.5 | 23,7      | 12     | 45,0    | 17,0    | 24      | 24 |
| VM NW 10 HS ED VA    | S      | PN 630             | 14        | M 20 x 1.5 | 25,7      | 14     | 53,0    | 19,0    | 27      | 27 |
| VM NW 13 HS 18 ED VA | S      | PN 630             | 16        | M 18 x 1.5 | 24,0      | 12     | 48,5    | 18,0    | 27      | 30 |
| VM NW 13 HS ED VA    | S      | PN 400             | 16        | M 22 x 1.5 | 27,0      | 14     | 51,0    | 18,5    | 27      | 30 |



| Item              |        |                    |              |          |              |           |            |            |            |    |
|-------------------|--------|--------------------|--------------|----------|--------------|-----------|------------|------------|------------|----|
| Identification    | Series | Operating pressure | Ø d2<br>(mm) | G1       | Ø d3<br>(mm) | i<br>(mm) | L1<br>(mm) | L2<br>(mm) | AF<br>(mm) | S1 |
| VM NW 16 HS ED VA | S      | PN 400             | 20           | M 27 x 2 | 32,0         | 16        | 53,0       | 20,5       | 32         | 36 |
| VM NW 20 HS ED VA | S      | PN 400             | 25           | M 33 x 2 | 39,7         | 18        | 65,0       | 23,0       | 41         | 46 |
| VM NW 25 HS ED VA | S      | PN 400             | 30           | M 42 x 2 | 49,7         | 20        | 70,0       | 23,5       | 50         | 50 |
| VM NW 32 HS ED VA | S      | PN 315             | 38           | M 48 x 2 | 55,0         | 22        | 79,0       | 26,0       | 55         | 60 |

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

## Product versions

VM ED

XVM ED VA

## Spare parts

WD V Soft seal for ED fittings