

# GVR 90

Rotary fitting, angle 90°, friction bearing

**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>            | Rotary fitting (screw-in connector)         |
| <b>Construction type</b> | Friction bearing                            |
| <b>Construction</b>      | Angle 90°                                   |
| <b>Scope of supply</b>   | Socket (without union nut and cutting ring) |
| <b>Material</b>          | Steel                                       |
| <b>Surface</b>           | electro galvanised                          |



## Note

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

## Item

| Identification        | Series | Operating pressure | Ø d2 (mm) | G1           | d3 (mm) | i (mm) | L1 (mm) | L2 (mm) | L4 (mm) | L5 (mm) | AF (mm) | S1 | S2 |
|-----------------------|--------|--------------------|-----------|--------------|---------|--------|---------|---------|---------|---------|---------|----|----|
| GVR 90 NW 04 HL 1/4   | L      | PN 40              | 6         | G 1/4" -19   | 19      | 12     | 20,0    | 18,0    | 27      | 12,0    | 12      | 19 | 14 |
| GVR 90 NW 06 HL       | L      | PN 40              | 8         | G 1/4" -19   | 19      | 12     | 21,0    | 18,0    | 29      | 14,0    | 12      | 19 | 17 |
| GVR 90 NW 08 HL 3/8   | L      | PN 40              | 10        | G 3/8" -19   | 22      | 12     | 26,0    | 18,0    | 30      | 15,0    | 14      | 24 | 19 |
| GVR 90 NW 10 HL 1/2   | L      | PN 40              | 12        | G 1/2" -14   | 27      | 14     | 27,0    | 21,0    | 32      | 17,0    | 17      | 27 | 22 |
| GVR 90 NW 13 HL 3/4   | L      | PN 40              | 15        | G 3/4" -14   | 32      | 16     | 33,0    | 24,0    | 36      | 21,0    | 19      | 32 | 27 |
| GVR 90 NW 16 HL 1     | L      | PN 40              | 18        | G 1" -11     | 40      | 18     | 37,5    | 27,5    | 40      | 23,5    | 27      | 41 | 32 |
| GVR 90 NW 20 HL 1     | L      | PN 40              | 22        | G 1" -11     | 40      | 18     | 39,5    | 27,5    | 44      | 27,5    | 27      | 41 | 36 |
| GVR 90 NW 25 HL 1 1/4 | L      | PN 40              | 28        | G 1.1/4" -11 | 50      | 20     | 44,0    | 31,0    | 47      | 30,5    | 36      | 50 | 41 |
| GVR 90 NW 32 HL 1 1/2 | L      | PN 40              | 35        | G 1.1/2" -11 | 55      | 22     | 54,0    | 35,0    | 56      | 34,5    | 41      | 55 | 50 |
| GVR 90 NW 03 HS       | S      | PN 100             | 6         | G 1/4" -19   | 19      | 12     | 21,0    | 18,0    | 31      | 16,0    | 12      | 19 | 17 |
| GVR 90 NW 04 HS       | S      | PN 100             | 8         | G 1/4" -19   | 19      | 12     | 22,0    | 18,0    | 32      | 17,0    | 14      | 19 | 19 |
| GVR 90 NW 06 HS       | S      | PN 100             | 10        | G 3/8" -19   | 22      | 12     | 27,0    | 18,0    | 34      | 17,5    | 17      | 24 | 22 |
| GVR 90 NW 08 HS 1/2   | S      | PN 100             | 12        | G 1/2" -14   | 27      | 14     | 28,0    | 21,0    | 38      | 21,5    | 17      | 27 | 24 |
| GVR 90 NW 13 HS 3/4   | S      | PN 100             | 16        | G 3/4" -14   | 32      | 16     | 34,0    | 24,0    | 43      | 24,5    | 24      | 32 | 30 |
| GVR 90 NW 16 HS 1     | S      | PN 100             | 20        | G 1" -11     | 40      | 18     | 39,5    | 27,5    | 48      | 26,5    | 27      | 41 | 36 |
| GVR 90 NW 20 HS       | S      | PN 100             | 25        | G 1" -11     | 40      | 18     | 42,5    | 27,5    | 54      | 30,0    | 36      | 41 | 46 |
| GVR 90 NW 25 HS       | S      | PN 100             | 30        | G 1.1/4" -11 | 50      | 20     | 48,0    | 31,0    | 62      | 35,5    | 41      | 50 | 50 |
| GVR 90 NW 32 HS       | S      | PN 100             | 38        | G 1.1/2" -11 | 55      | 22     | 55,0    | 35,0    | 72      | 41,0    | 50      | 55 | 60 |

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