

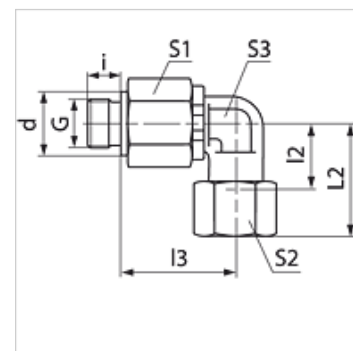
# DGR 90

Rotary fitting, angle 90°, ball 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> | Ball 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 | External pipe Ø<br>(mm) | G            | Ø d<br>(mm) | i<br>(mm) | L2<br>(mm) | l2<br>(mm) | l3<br>(mm) | S1 | S2 | S3 |
|-----------------|--------|--------------------|-------------------------|--------------|-------------|-----------|------------|------------|------------|----|----|----|
| DGR 90 NW 03 HS | S      | PN 250             | 6                       | G 1/4" -19   | 19          | 12        | 31         | 16,0       | 39,5       | 22 | 17 | 17 |
| DGR 90 NW 04 HS | S      | PN 250             | 8                       | G 1/4" -19   | 19          | 12        | 32         | 17,0       | 39,5       | 22 | 19 | 17 |
| DGR 90 NW 08 HS | S      | PN 250             | 12                      | G 3/8" -19   | 22          | 12        | 38         | 21,5       | 51,0       | 30 | 24 | 22 |
| DGR 90 NW 13 HS | S      | PN 250             | 16                      | G 1/2" -14   | 27          | 14        | 43         | 24,5       | 49,0       | 30 | 30 | 22 |
| DGR 90 NW 16 HS | S      | PN 250             | 20                      | G 3/4" -14   | 32          | 16        | 48         | 26,5       | 67,0       | 41 | 36 | 36 |
| DGR 90 NW 20 HS | S      | PN 250             | 25                      | G 1" -11     | 40          | 18        | 54         | 30,0       | 65,0       | 41 | 46 | 36 |
| DGR 90 NW 25 HS | S      | PN 250             | 30                      | G 1.1/4" -11 | 50          | 20        | 62         | 35,5       | 82,5       | 60 | 50 | 50 |
| DGR 90 NW 32 HS | S      | PN 250             | 38                      | G 1.1/2" -11 | 55          | 22        | 72         | 41,0       | 80,5       | 60 | 60 | 50 |

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