# SW
Bulkhead fitting, angle 90

## Properties

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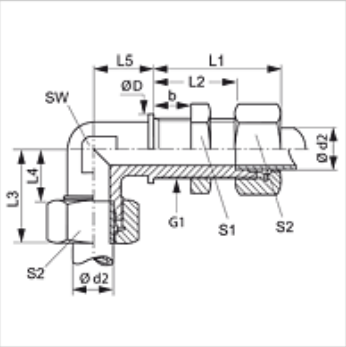
|---|---|
| **Connection 1 + 2** | metric cylindrical outer thread |
| **Sealing form 1 + 2** | 24° inner cone |
| **Design** | Bulkhead fitting |
| **Construction** | Angle 90° |
| **Standard** | DIN 2353<br>ISO 8434-1 |
| **Scope of supply** | Socket with union nut and cutting ring |
| **Material** | Steel |
| **Surface** | 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 | Ø D (mm) | b (mm) | L1 (mm) | L2 (mm) | L3 (mm) | L4 (mm) | L5 (mm) | AF (mm) | S1 | S2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SW 16 LL** | LL | PN 315 | 16 | M 22 x 1.5 | 27 | 16 | 49 | 33,0 | 40 | 23,0 | 24 | 19 | 27 | 27 |
| **SW NW 04 HL** | L | PN 315 | 6 | M 12 x 1.5 | 17 | 16 | 42 | 27,0 | 27 | 12,0 | 14 | 12 | 17 | 14 |
| **SW NW 06 HL** | L | PN 315 | 8 | M 14 x 1.5 | 19 | 16 | 42 | 27,0 | 29 | 14,0 | 17 | 12 | 19 | 17 |
| **SW NW 08 HL** | L | PN 315 | 10 | M 16 x 1.5 | 22 | 16 | 43 | 28,0 | 30 | 15,0 | 18 | 14 | 22 | 19 |
| **SW NW 10 HL** | L | PN 315 | 12 | M 18 x 1.5 | 24 | 16 | 44 | 29,0 | 32 | 17,0 | 20 | 17 | 24 | 22 |
| **SW NW 13 HL** | L | PN 315 | 15 | M 22 x 1.5 | 27 | 16 | 46 | 31,0 | 36 | 21,0 | 23 | 19 | 30 | 27 |
| **SW NW 16 HL** | L | PN 315 | 18 | M 26 x 1.5 | 32 | 16 | 49 | 32,5 | 40 | 23,5 | 24 | 24 | 36 | 32 |
| **SW NW 20 HL** | L | PN 160 | 22 | M 30 x 2 | 36 | 16 | 51 | 34,5 | 44 | 27,5 | 30 | 27 | 41 | 36 |
| **SW NW 25 HL** | L | PN 160 | 28 | M 36 x 2 | 42 | 16 | 52 | 35,5 | 47 | 30,5 | 34 | 36 | 46 | 41 |
| **SW NW 32 HL** | L | PN 160 | 35 | M 45 x 2 | 50 | 16 | 58 | 36,5 | 56 | 34,5 | 39 | 41 | 55 | 50 |
| **SW NW 40 HL** | L | PN 160 | 42 | M 52 x 2 | 60 | 16 | 59 | 36,0 | 63 | 40,0 | 43 | 50 | 65 | 60 |
| **SW NW 03 HS** | S | PN 630 | 6 | M 14 x 1.5 | 19 | 16 | 44 | 29,0 | 31 | 16,0 | 17 | 12 | 19 | 17 |
| **SW NW 04 HS** | S | PN 630 | 8 | M 16 x 1.5 | 22 | 16 | 44 | 29,0 | 32 | 17,0 | 18 | 14 | 22 | 19 |
| **SW NW 06 HS** | S | PN 630 | 10 | M 18 x 1.5 | 24 | 16 | 46 | 29,5 | 34 | 17,5 | 20 | 17 | 24 | 22 |
| **SW NW 08 HS** | S | PN 630 | 12 | M 20 x 1.5 | 27 | 16 | 47 | 30,5 | 38 | 21,5 | 21 | 17 | 27 | 24 |
| **SW NW 10 HS** | S | PN 630 | 14 | M 22 x 1.5 | 27 | 16 | 50 | 32,0 | 40 | 22,0 | 23 | 19 | 30 | 27 |
| **SW NW 13 HS** | S | PN 400 | 16 | M 24 x 1.5 | 30 | 16 | 50 | 31,5 | 43 | 24,5 | 24 | 24 | 32 | 30 |
| **SW NW 16 HS** | S | PN 400 | 20 | M 30 x 2 | 36 | 16 | 55 | 33,5 | 48 | 26,5 | 30 | 27 | 41 | 36 |
| **SW NW 20 HS** | S | PN 400 | 25 | M 36 x 2 | 42 | 16 | 59 | 35,0 | 54 | 30,0 | 34 | 36 | 46 | 46 |
| **SW NW 25 HS** | S | PN 400 | 30 | M 42 x 2 | 50 | 16 | 64 | 37,5 | 62 | 35,5 | 39 | 41 | 50 | 50 |
| **SW NW 32 HS** | S | PN 315 | 38 | M 52 x 2 | 60 | 16 | 68 | 37,0 | 72 | 41,0 | 43 | 50 | 65 | 60 |

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

## Product versions

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|---|---|
| **SW MG** | Bulkhead fitting, angle 90, Brass |
| **SW VA** | Bulkhead fitting, angle 90, Stainless steel |
| **XSW** | Bulkhead fitting, angle 90, Steel |

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