

HERZ Drain valves

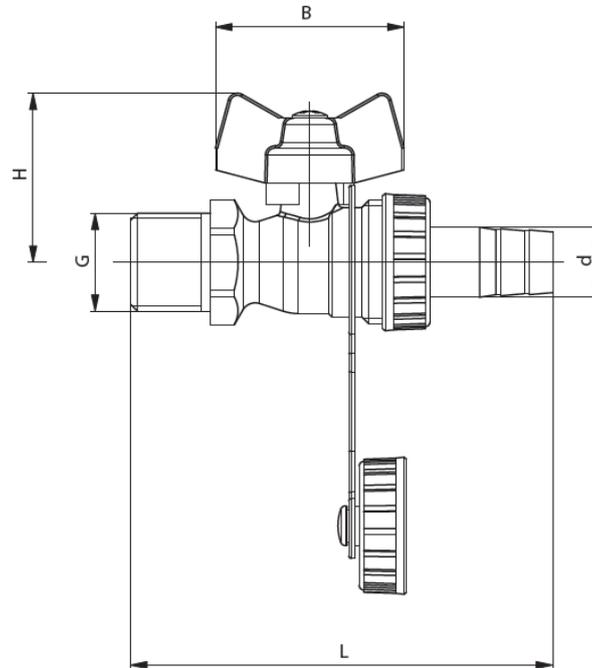
Boiler fill and drain valves

Data sheets for 2512, 4119, Issue 0326

Dimensiones in mm



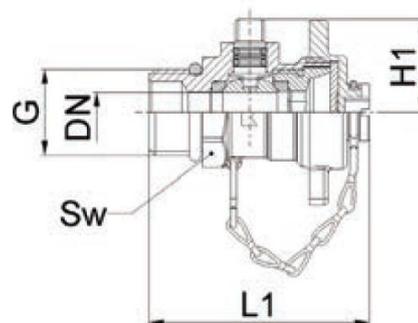
1 2512 0x



| Order # | DN | G | PN | d | L | H | A | Sw |
|-----------|----|-----|----|----|----|----|----|----|
| 1 2512 01 | 15 | 1/2 | 10 | 15 | 83 | 37 | 40 | 24 |
| 1 2512 02 | 20 | 3/4 | 10 | 19 | 98 | 40 | 40 | 30 |



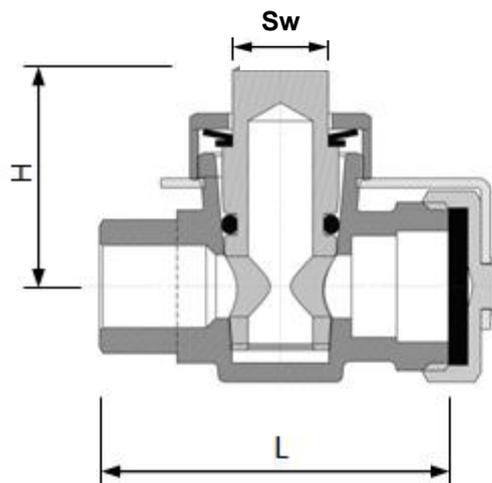
1 2512 11



| Order # | DN | G | PN | L1 | H1 | Sw | Gew. | DN |
|-----------|----|-----|----|----|----|----|------|----|
| 1 2512 11 | 15 | 1/2 | 10 | 53 | 23 | 24 | 0,12 | 15 |



1 4119 0x



| Order # | DN | G | PN | L | H | Sw | Gew. |
|-----------|----|-----|----|----|----|----|------|
| 1 4119 00 | 10 | 3/8 | 10 | 52 | 35 | 12 | 0,21 |
| 1 4119 01 | 15 | 1/2 | 10 | 54 | 38 | 12 | 0,22 |
| 1 4119 02 | 20 | 3/4 | 10 | 65 | 41 | 12 | 0,36 |

Materials

| | |
|--------------|--|
| Body | 2512 forged brass |
| | 4119 forged brass |
| Ball | 2512 forged brass, full bore, Surface chrome plated |
| Cock | 4119 brass |
| Spindle | 2512 brass |
| Locking bolt | 2512 Aluminium red painted |
| Sealings | 2512 Ball: PTFE, Spindle: PTFE |
| | 4119 Cock: EPDM |

Technical data

| | |
|-----------------------------|-----------------|
| Max. operating pressure: | PN10 |
| Max. operating temperature: | 30 °C to 110 °C |

Medium:

Heating water quality according to ÖNORM H 5195 or VDI-Standard 2035. The use of ethylene or propylene glycol in a mixing ratio 25 - 50 % is allowed. EPDM seals are swollen by mineral oils or lubricants containing mineral oil and thus lead to failure of the EPDM seals. Please refer to manufacturers documentation when using ethylene glycol products for frost and corrosion protection. HERZ ball valve for heating and chilled water is not suitable for usage of aggressive medium (such as: acids, alkalis, combustible and explosive gases) because it can destroy sealing components.

Application

The drain valves are installed as valves to fill and drain systems. Fields of application are building services, such as in heating or chilled water plant in buildings.

Actuation

| | |
|-----------|--|
| 1 2512 0x | Turn the locking bolt to open or close the drain valve |
| 1 2512 11 | The cap is using for actuation. |
| 1 4119 0x | Open or ring wrench SW12 or square box wrench SW12 |

Installation and maintenance

HERZ recommends the use of standard thread sealants for the connection between the drain valves and pipe.

The drain valve must always be fully open or fully closed and must not be used in intermediate positions. The drain valves do not require any special maintenance. The drain valves must be operated at least twice a year.

Accessoires

| | |
|---|-----------|
| Hose connection with union nut for DN10 | 1 6206 00 |
| Hose connection with union nut for DN15 | 1 6206 01 |
| Hose connection with union nut for DN20 | 1 6206 02 |

The hose connection is to order separatly.

Brass

HERZ uses top-quality brass that responds to the latest European norms EN 12164 and EN 12165. Components of HERZ products are made from brass due to its good strenght, excellent corrosion resistance and variety of other properties.

Pursuant to Article 33 of the REACH Regulation (EC No. 1907/2006), we are obliged to point out that the material lead is listed on the SVHC list and that all brass components manufactured in our products exceed 0.1% (w / w) lead (CAS: 7439-92-1 / EINECS: 231-100-4). Since lead is a component part of an alloy, actual exposure is not possible and therefore no additional information on safe use is necessary.

Disposal instruction

The disposal of HERZ boiler fill and drain valves must not endanger the health or the enviroment. National legal regulations for proper disposal of the HERZ boiler fill and drain valves have to be followed.

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