

# Fill and drain cock, heavy model

Bronze cock PN 16

DN 15...20



Based on DIN 3848. For liquids, steam and treated heating water, e.g. district heating. Can be used up to 180 °C for short periods. The fill and drain cock is opened/closed with a 90° rotary movement. The switching position is marked on the top of the square.

Readjustment of the fill and drain cocks to maintain tightness during operation may be necessary, e.g. during operation in the low temperature range, with extreme temperature changes or when using very penetrating additives in heat transfer fluids. To readjust, the union nut under the square must be carefully turned clockwise using a suitable spanner.

## Function

- Shutoff

## Features

- + Body and plug made of bronze
- + Based on DIN 3848
- + Readjustment to maintain tightness possible

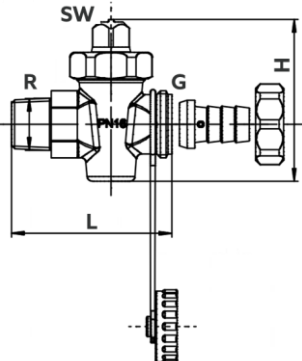
## Technical Data

|                              |                                                                                                                     |
|------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Nominal sizes</b>         | DN 15...20                                                                                                          |
| <b>Variants</b>              | With external thread according to ISO 7                                                                             |
| <b>Operating temperature</b> | 0...150 °C                                                                                                          |
| <b>Operating pressure</b>    | PN 16                                                                                                               |
| <b>Medium</b>                | Heating and cooling water according to VDI 2035 or ÖNORM 5195<br>Water/glycol mixtures with max. 50% glycol content |
| <b>Kvs values</b>            | 9.3 ... 17.2                                                                                                        |

## Materials

| Component                                              | Material |
|--------------------------------------------------------|----------|
| Body and plug                                          | Bronze   |
| Union nut of the plug, hose nozzle with union nut, cap | Brass    |

## Dimensions and Item Numbers

|                                                                                   | DN | Kvs  | R     | G     | L<br>[mm] | H<br>[mm] | SW | Weight<br>[kg] | Item no. |
|-----------------------------------------------------------------------------------|----|------|-------|-------|-----------|-----------|----|----------------|----------|
|  | 15 | 9.3  | R 1/2 | G 3/4 | 63        | 64        | 12 | 0.28           | 1032014  |
|                                                                                   | 20 | 17.2 | R 3/4 | G 1   | 71        | 70        | 14 | 0.42           | 1032016  |

## Square spanner

|                                                                                     | Spanner width | Suitable for | Item no. |
|-------------------------------------------------------------------------------------|---------------|--------------|----------|
|  | 12 mm         | DN 15        | 1035004  |
|                                                                                     | 14 mm         | DN 20        | 1035006  |

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