

**BRASS ANGLE VALVE WITH THREADED COVER DIN 3202 F32, PN 16**

Material brass CW617N ; DIN Ms58 NiCr  
chrome plated  
Pressure PN 16

**TECHNICAL DESCRIPTION**

Angle valve with flange connection. Possible variations of the function depending on the design.

- shut-off valve
- check valve.

Extraction spindle, threaded cover (secured against self-unscrewing), sealing method - metal to metal. For warm sea water it is recommended to use a spindle made of bronze (zinc-free), CuSn6.

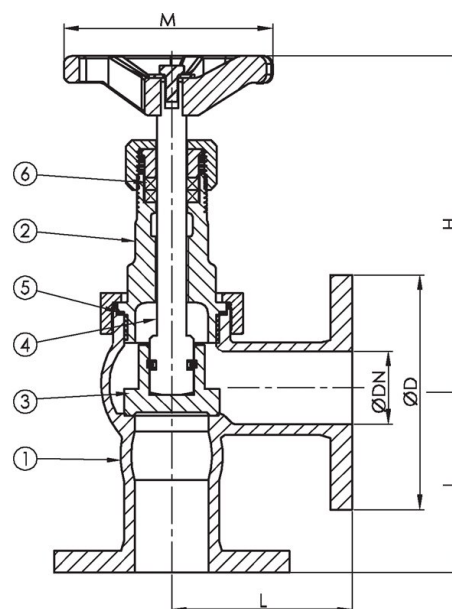
**WORKING FLUID / MEDIUM**

Water, steam, fuels, lubricating and flammable hydraulic oils, boiler feed water, sea water.

**EXECUTION**

- Spindle material: CuSn6
- Valve for operation as a check valve

**Dimensions: DN 15 - 80**



|     |               |                       | SPECIFICATION  |                          |
|-----|---------------|-----------------------|----------------|--------------------------|
| No. | DETAILS       | MATERIALS             | Standard       | DIN 3202 F1              |
| 1   | Body          | brass CW614N (Ms58)   | Lid connection | threaded, secured        |
| 2   | Lid           | brass CW614N (Ms58)   | Execution      | angular                  |
| 3   | Valve         | brass CW614N (Ms58)   | Joining        | flanged                  |
| 4   | Spindle       | brass CW710R (SoMs59) | Management     | manually with wheel      |
| 5   | Garnish       | Teflon/PTFE           | Drive          | multi-turn               |
| 6   | Packing gland | Teflon/PTFE           | T max. °C      | temperatures up to 180°C |
|     |               |                       |                | steam up to 120°C        |

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| DN | PN | Flanges/PN | L   | D   | ØP* | H   | M   | Weight (kg) |
|----|----|------------|-----|-----|-----|-----|-----|-------------|
| 10 | 16 | PN 16      | 65  | 90  | 60  | 86  | 60  | 1.4         |
| 15 | 16 | PN 16      | 65  | 95  | 65  | 86  | 60  | 1.8         |
| 20 | 16 | PN 16      | 70  | 105 | 75  | 100 | 80  | 2.1         |
| 25 | 16 | PN 16      | 75  | 115 | 85  | 105 | 80  | 2.6         |
| 32 | 16 | PN 16      | 90  | 140 | 100 | 120 | 90  | 4.2         |
| 40 | 16 | PN 16      | 100 | 150 | 110 | 135 | 100 | 5.2         |
| 50 | 16 | PN 16      | 105 | 165 | 125 | 150 | 120 | 7.5         |
| 65 | 16 | PN 16      | 115 | 185 | 145 | 210 | 160 | 11          |
| 80 | 16 | PN 16      | 125 | 200 | 160 | 230 | 200 | 15          |

Note: The dimensions in column ØP should be considered as the diameters of the bolt circle, as the latter are not indicated in the drawing.