

# Reflection Water Level Gauge type 17/202, PN40

with one or more sight lengths, hinged and rotatable glass-holder

The liquid water level gauges type 17/202 are universal reflection gauges for heating and refrigeration as well as for storage vessels. Reflection water level gauges are equipped with sight glasses with grooves for a clear contrast in the display.

### Design

The water level gauges type 17/202 are designed in accordance to the relevant German rules (TRD, AD, DIN).

### Technical data

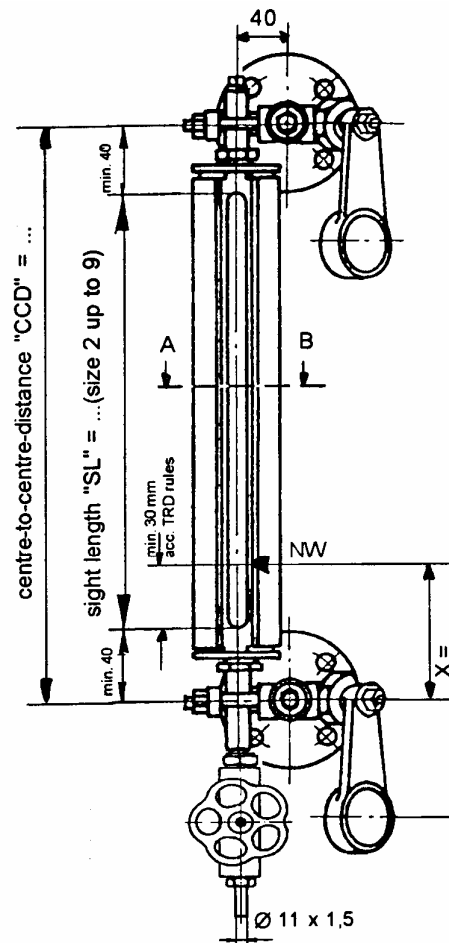
- glass holder in front with reflex sight glasses
- glass size 2 up to 9 according to DIN 7081
- glassholder acc. necessary centre-to-centre distance with one or more sight lengths with interruptions between the different visual indications (see on reverse)
- quick closing valves type 17/1 valve pass 8 mm
- process connection: flange DN 20-25/PN 40, form C
- drain valve type 17/500 with sleeve G 3/8 DIN ISO 228
- vent plug M 12 x 12 mm, DIN 910

### Material

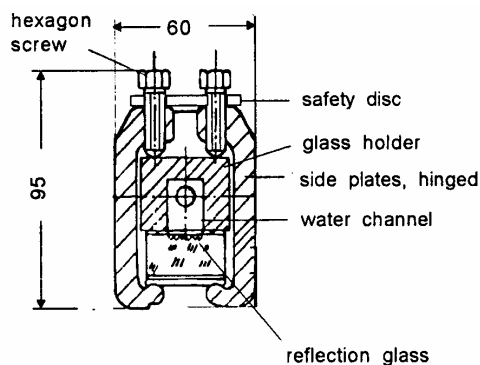
- glass holder made of steel mat. 1.0570
- side plates made of steel 1.0038
- valve housing and connection flanges made of steel mat. 1.0460
- drain valve made of steel mat. 1.0570
- shut-off parts made of stainless steel mat.. 1.4104 + 1.4305
- reflection glass made of borosilicate, gaskets free of asbestos (graphite with sheet inlay)

### Additional equipment

- automatically closing ball for shut-off valves (safety device) (min. 1 bar overpressure necessary for function)
- mica protection outside for protection in outdoor installations
- NW-mark for lowest water level acc. TRD



design with  
drain valve  
type 17/500 N



section A - B

# Reflection Water Level Gauge type 17/202, PN40

with one or more sight lengths, hinged and rotatable glass-holder

**Table glass size / range of centre-to-centre-distance**

|  |     |     |     |      |      |      |      |      |
|--|-----|-----|-----|------|------|------|------|------|
| glass size*                                | 2   | 3   | 4   | 5    | 6    | 7    | 8    | 9    |
| glass length (mm)                          | 140 | 165 | 190 | 220  | 250  | 280  | 320  | 340  |
| sight length „SL“<br>per segment (mm)      | 120 | 145 | 170 | 200  | 230  | 260  | 300  | 320  |
| <b>min. centre-to-centre-distance (mm)</b> |     |     |     |      |      |      |      |      |
| 1 x glass size                             | 200 | 225 | 250 | 280  | 310  | 340  | 380  | 400  |
| 2 x glass size                             |     |     |     | 530  | 590  | 650  | 730  | 770  |
| 3 x glass size                             |     |     |     | 780  | 870  | 960  | 1080 | 1140 |
| 4 x glass size                             |     |     |     | 1030 | 1150 | 1270 | 1430 | 1510 |
| 5 x glass size                             |     |     |     | 1280 | 1430 | 1580 | 1780 | 1880 |

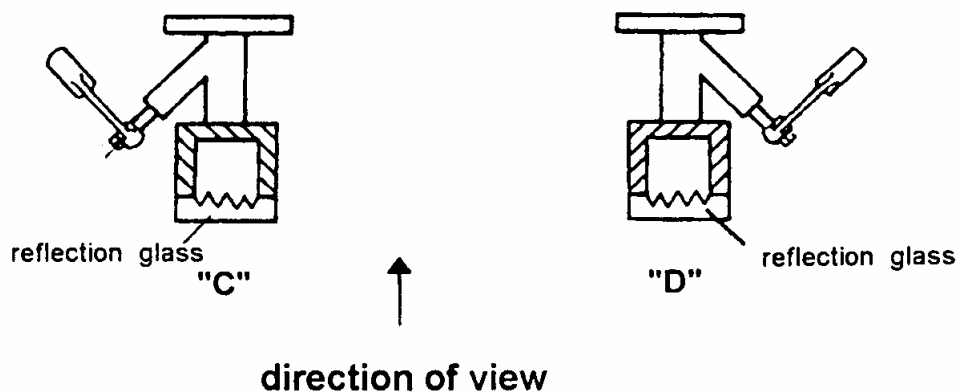
\* reflection glass DIN 7081, width = 34 mm, thickness = 17 mm

**sight length = min. centre-to-centre-distance - 80 mm**  
**interruption between 2 sight glasses: min. 50 mm**

**conditions:**

|   |                        |
|---|------------------------|
| operating temperature                             | operating overpressure |
| -10 up to 120 °C                                  | 40 bar                 |
| -10 up to 243 °C                                  | 28 bar                 |
| max. limit for reflection glass DIN 7081 = 243 °C |                        |

**arrangement:**



**order data**

centre-to-centre-distance, flange size, arrangement, size, operating pressure, operating temperature, fluid, additional equipment