

Reflection Water Level Gauge type 17/202L, PN 40

with one or two sight lengths, rotatable glass-holder with pressure frame

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

Technical data

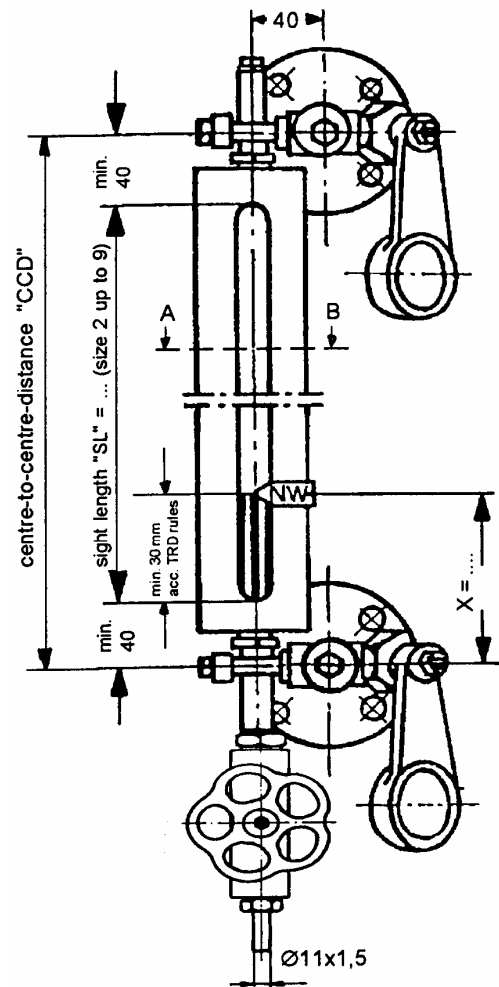
- glass holder in front with reflex sight glasses
- glass size 2 up to 9 according to DIN 7081
- glassholder acc. necessary centre-to-centre distance with one or two sight lengths with interruptions between the different visual indications (see on reverse)
- quick closing valves type 17/1 valve pass 8 mm
- process connection: flange DN 20-25/PN 40, form C or ANSI
- drain valve 17/500, PN40, sleeve G3/8", DIN ISO 228
- vent plug M 12 x 12 mm, DIN 910

Material

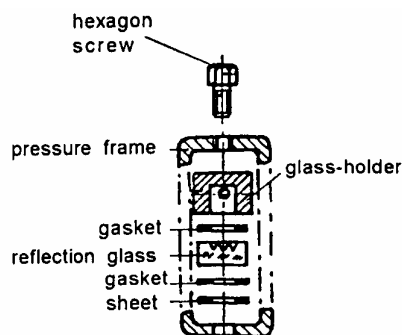
- glass holder and pressure frame made of steel mat. 1.0460
- valve housing and connection flanges made of steel mat. 1.0460
- housing drain valve made of steel mat. 1.0570
- shut-off parts made of stainless steel mat. 1.4104 + 1.4305
- reflection glass made of borosilicate, gaskets free of asbestos (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



drain valve type 17/500 N
(sleeve G 3/8")



section A - B

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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“ per segment (mm)	120	145	170	200	230	260	300	320
min. centre-to-centre-distance (mm)								
1 x glass size	200	225	250	280	310	340	380	400
2 x glass size				520	580	640	720	760

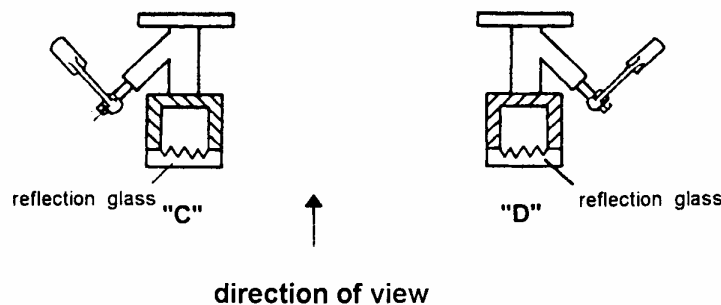
* reflection glass DIN 7081, width = 34 mm, thickness = 17 mm

sight length = min. centre-to-centre-distance - 80 mm
interruption between 2 sight glasses: min. 40 mm

conditions:

nominal pressure: PN 40	
operating temperature	operating overpressure
-10 up to 120 °C	40 bar
-10 up to 238 °C	32 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