



Reflex level gauge

RG200 - Simple and superimposed viewing lengths

Application and Function

The reflection indicator is a level indicator which is mainly used on steam boilers and pressure vessels. Due to the special construction of the reflection glass, the water column appears dark and the steam area bright.

This product is in accordance to EU-directive 2014/68/EU. Applied policy acc. to DIN EN 13445 and ASME Boiler and Pressure Vessel Code. Considered regulations AD2000. Furthermore, as a plant component for large water room boilers and water tube boilers, this product meets the requirements of the standards DIN EN 12952-7 and DIN EN 12953-6.

Technical basic equipment

- Indicator body in carbon steel or stainless-steel version according to DGRL & ASME
- Available as left (shown) or right model
- Display lengths according to tables
- Ventilation plug
- Shut-off valves
- Drain valves

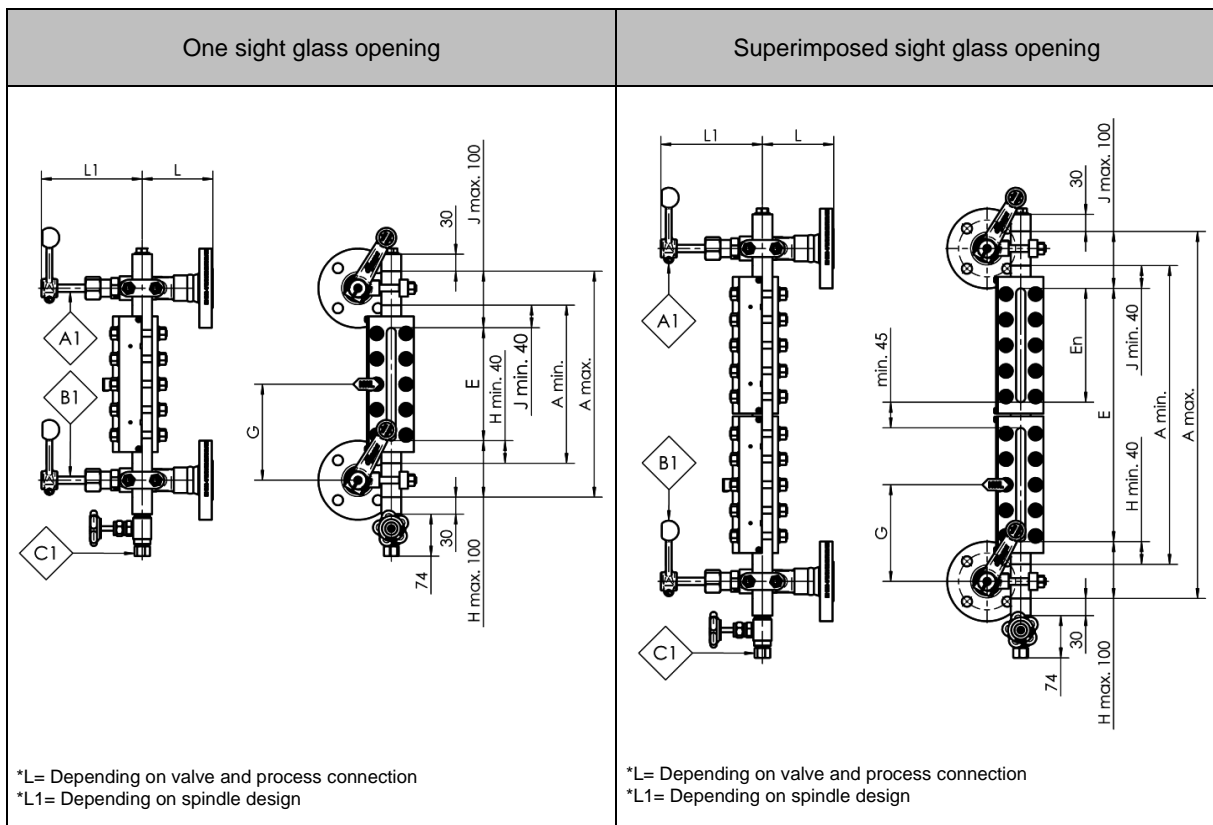
Available (optional) versions

- Other drain valves
- Aluminium silicate glasses
- Lighting device
- Larger connection and show areas
- Inclined design

Technical data

Specification			RG200
Media with glass attack (water/steam)	Allowable pressure	PS [bar]	35
	Allowable Temp..	TS [°C]	243
Media without glass attack	Allowable pressure	PS [bar]	200
	Allowable Temp.	TS [°C]	250
Shut-off valve up to 120 bar	simple shut-off	Type	A120-CS/A140-CS
Shut-off valve from 120 bar	simple shut-off	Type	A190
	simple shut-off	Type	A230
Drain valve	simple shut-off	Type	AV250





The dimensions H/J, E and A are stated in your order and can be viewed.
All other dimensions can be found in the following tables.

One sight glass opening				
	Sight glass size	Viewing length (measure E)	Process connection (measure A)	
			A-min.	A-max.
1	5	200	280	400
2	6	230	310	430
3	7	260	340	460
4	8	300	380	500
5	9	320	400	520
6	10	350	430	550
7	11	380	460	580

Dimensions and tables (cont.)

Superimposed sight glass opening					
	Design	Sight glass openings	Viewing length (measure E)	Process connection (measure A)	
				A-min.	A-max.
1	5/2ü	2	445	645	525
2	5/3ü	3	690	890	770
3	5/4ü	4	935	1135	1015
4	6/2ü	2	505	705	585
5	7/6ü	6	1785	1985	1865
6	7/6ü - Special length	6	1785	2100	1865
7	9/5ü - Special length	5	1780	2100	1860
8	5/4ü stainless steel	4	935	1135	1015
9	5/2ü stainless steel	2	445	645	525
10	5/3ü stainless steel	3	690	890	770
11	7/3ü stainless steel - Special length	3	870	1160	950

Allowable pressure PS [bar]	Valve	Flange
35	A120-CS	DN20/25
120	A140-CS	DN20/25
200	A190	DN20/25
200	A230	DN20/25

Accessories

Designation	Labelling	Item-No.
Water level mark	NW-LWL-NB	25-13645
Water level mark	HHWL	25-13717
Water level mark	HWCO	25-13697
Water level mark	HWL	25-13716
Water level mark	NWL	25-13698
Water level mark	LWL	25-13718
Water level mark	LWCO	25-13699
Water level mark	LLWL	25-13719

For each water level mark, two semi-circular grooved nails are required for fastening. Item number: 40-00634



Note!

For displays weighing 30 kilograms or more, the customer must provide sufficient support (e.g. by spring hangers or similar).

Digital Documentation

