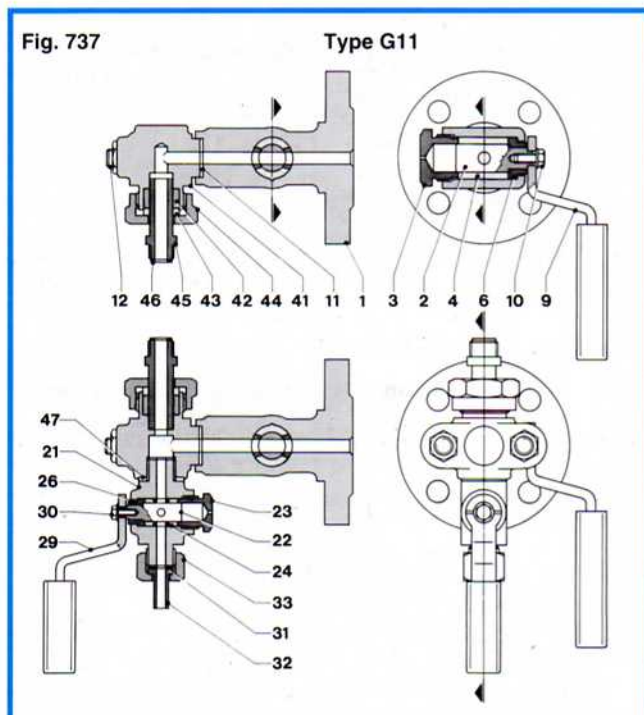
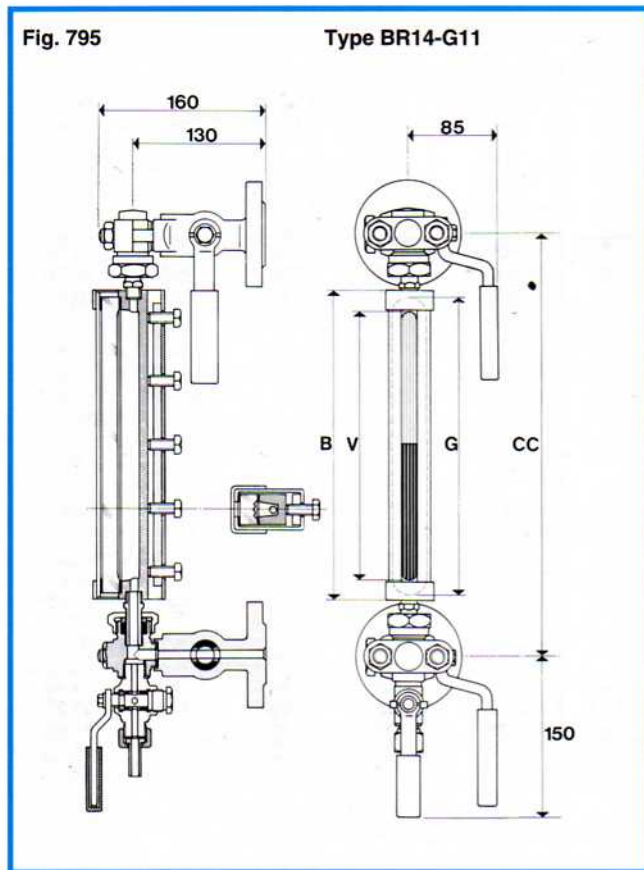


Reflex **BONT**® Level Gauges type BR14-G11

type BR14-G11

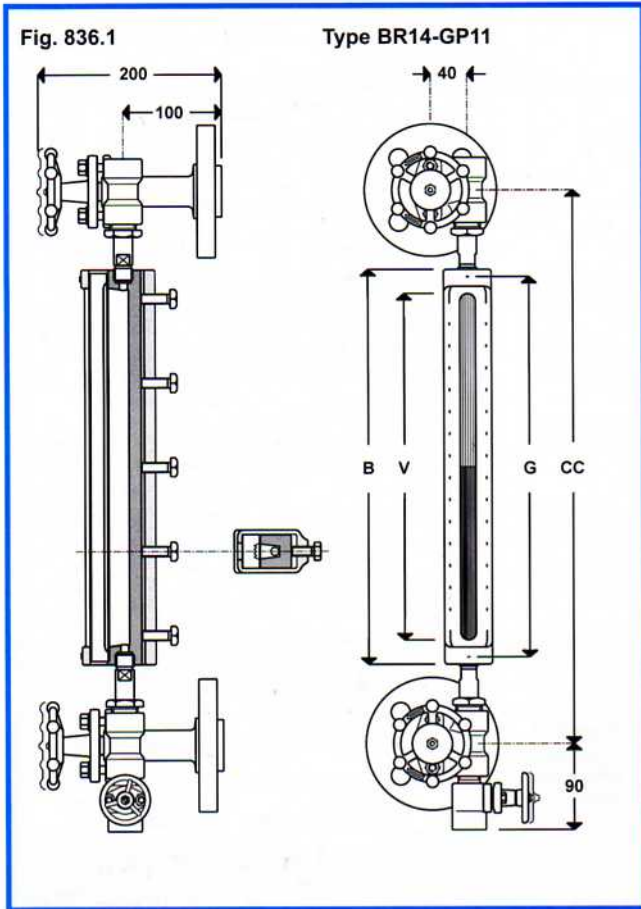
| Size | C. to C. distance | Length of body | Visible length | Length of glass | Weight kg |
|------|----------------------|-------------------|-------------------|--------------------|--------------|
| | CC min | B | V | G | |
| 3 | 285 | 178 | 143 | 165 | 9.0 |
| 4 | 310 | 203 | 168 | 190 | 9.4 |
| 5 | 340 | 233 | 198 | 220 | 9.8 |
| 6 | 370 | 263 | 228 | 250 | 10.3 |
| 7 | 400 | 293 | 258 | 280 | 10.8 |
| 8 | 440 | 333 | 298 | 320 | 11.3 |
| 9 | 460 | 353 | 318 | 340 | 11.7 |

- 1 Connection between gauge and cocks are made by end tubes and stuffing boxes.
- 2 According to the right or left position of the cock handles on the gauge body, the level gauges are named right-handed or left-handed. Fig. 795 shows a right-handed level gauge. Usually two level gauges (1 right and 1 left) are installed on steam vessels.
- 3 According to some Steam Boiler Regulations, the visible length of the level gauges installed on steam boilers must be not shorter than a fixed length. Therefore the suitability of the smaller sizes must be checked.
- 4 The minimum C. to C; distance (CC min) we can reach by means of special end tubes is 15 mm shorter than the dimension shown in the table.
- 5 When ordering a level gauge please state:
 - Centre to centre distance between connections (CC)
 - Standard, Size and Finishing of connections to the vessel
 - Whether right-handed or left-handed.
- 6 Flanges are finished to customer prescriptions. Please state:
 - Standard
 - Size
 - Pressure class
 - Finishing
 The inside passage through the gauge is 10 mm.
- 7 Instead of flanges connections to the vessel can be delivered with threaded ends. Standard is 3/4" NPT, union. Other Standard and size on request.
- 8 BR14 gauges are fitted with reflex glasses type A (see page 40).
- 9 Operating conditions and material schedules on pages 4 and 5.
- 10 Applicable optionals and bolting torque on page 39.



- | | |
|---|----------------------------------|
| Top and bottom cock | 26 Ring |
| 1 Body | 29 Handle |
| 2 Plug | 30 Screw and washer |
| 3 Tightening nut | 31 Tailpipe joint |
| 4 Packing sleeve with 2 eyelets, type M2.2 | 32 Tailpipe |
| 6 Ring | 33 Union nut |
| 9 Handle | 41 Stuffing box head |
| 10 Screw and washer | 42 P16 packing ring (16/23,5/10) |
| 11 Head joint | 43 Stuffing box ring |
| 12 Stud and nut | 44 Stuffing box nut |
| | 45 End tube |
| Drain cock | 46 Tube joint ring |
| 21 Body | 47 Drain joint ring |
| 22 Plug | |
| 23 Tightening nut | |
| 24 Packing sleeve with 2 eyelets, type M1.2 | |

Reflex **BONT**® Level Gauges
type BR14 with GP11 and G11 valves



| Size | Length of glass G | length of body B | Visible length V | CC min with GP11 G | CC min. with G11 kg | Weight |
|------|----------------------|---------------------|---------------------|-----------------------|------------------------|--------|
| 3 | 165 | 178 | 145 | 291 | 279 | 9,0 |
| 4 | 190 | 203 | 170 | 316 | 304 | 9,4 |
| 5 | 220 | 233 | 200 | 346 | 334 | 9,8 |
| 6 | 250 | 263 | 230 | 376 | 364 | 10,3 |
| 7 | 280 | 293 | 260 | 406 | 394 | 10,8 |
| 8 | 320 | 333 | 300 | 446 | 434 | 11,3 |
| 9 | 340 | 353 | 320 | 466 | 454 | 11,7 |

- 1 Connections between gauge and valves are made by end tubes and stuffing boxes.
- 2 According to the position of the shut-off valves compared with the gauge body, the level gauge is named "right-handed" or "left-handed". Fig. 836.1 shows a left-handed gauge. Each level gauge can be assembled right-handed or left-handed. Usually two level gauges (1 right and 1 left) are installed on steam vessels.
- 3 According to some Steam Boiler Regulations, the visible length of the level gauges installed on steam boilers must be not shorter than a fixed length. Therefore the suitability of the smaller sizes must be checked.
- 4 When ordering a level gauge please state:
 - Centre to centre distance between connections (CC)
 - Standard, Size and Finishing of connections
 - Whether right-handed or left-handed.
- 5 Flanges are finished to customer prescriptions. Please state:
 - Standard
 - Size
 - Pressure class
 - Finishing
 The inside passage through the gauge is 10 mm.
- 6 Instead of flanges, connections can be delivered with threaded ends. Standard is 3/4" NPT, union. Other Standard and size on request.
- 7 BR14 gauges are fitted with reflex glasses type A (see page 38).
- 8 Operating conditions and material schedules on pages 4 and 5.
- 9 Applicable optionals and bolting torques on pages 27, 36, 37.