

Rugged Armored Glass Gages to Monitor Boiler Water Level

RJSG Boiler Gage Assemblies for Pressures 900 to 1600 WSP



Reliance[®]
A PRODUCT OF CLARK-RELIANCE[®]

Reliance RJSG Boiler Gage & Valve Assemblies

Reliance Gage and Valves are rugged, high-quality products constructed of the finest materials. They meet A.B.S. regulations and ASME Sec I code requirements for use on fired pressure vessels. Boiler Water Gage and Valve Assemblies are designed and built for years of dependable operation. Compare their exclusive combination of design and construction features:

Reliance RJSG Boiler Valve Standard Features:

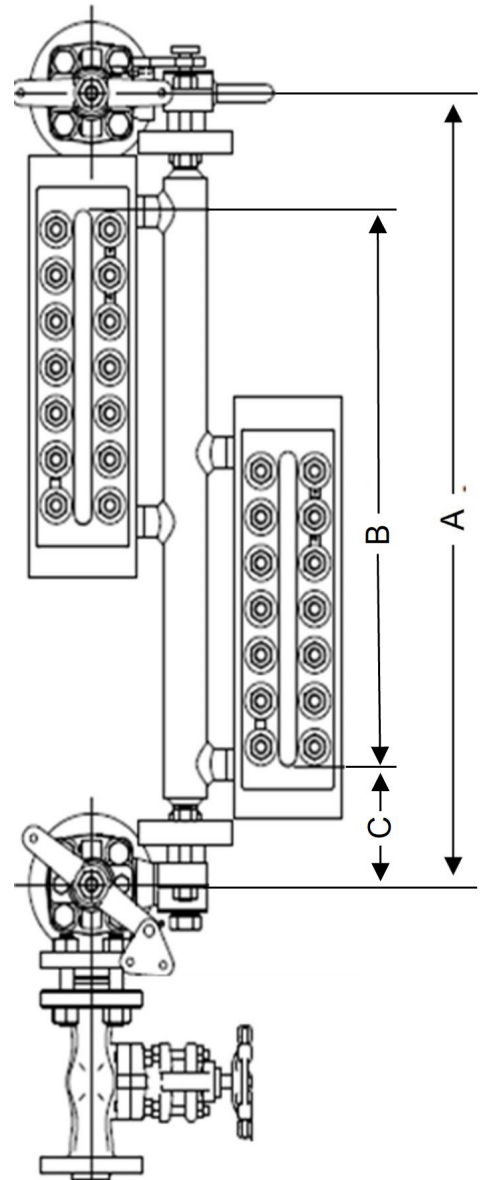
- Unique 360-degree rotatable flanges field orientation for optimal viewing position
- Continuous Visibility per ASME Section I
- Tempered HP Borosilicate Glass
- High Quality Mica Shields (0.009"-0.012"thickness)
- Reinforced Grafoil gaskets
- Belleville Spring Washers for thermal expansion/contraction
- Common glass size across all models reduces spare parts
- Bolted bonnet, OS&Y type valves with back-seating stems and expansion loops

Specification Data

A = Water Gage Valve Centers

B = Water Gage Visibility

C = Water Connection Centerline to Low Vision



Reliance RJSG Boiler Gage & Valve Models



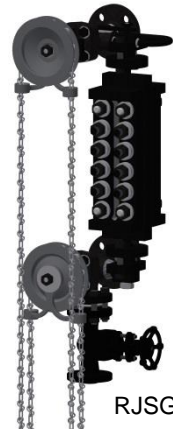
RJSG-109B

900# WSP

- Chain operated quick-closing lever handles
- Expansion loop to allow free thermal expansion of the gage assembly
- Vertical rising ballcheck in lower valve for safety shutoff
- 2 bolt flange design allows for easy rotation of gage viewing angle
- Graphite packing for superior leak protection
- Optional drain valve

1100# WSP

- Chain operated sprocket wheel handles
- Expansion loop to allow free thermal expansion of the gage assembly
- Vertical rising ballcheck in lower valve for safety shutoff
- 2 bolt flange design allows for easy rotation of gage viewing angle
- Heat treated valve stems
- Graphite packing for superior leak protection
- Optional drain valve



RJSG-1011B

1600# WSP

- Chain operated sprocket wheel handles
- Expansion loop to allow free thermal expansion of the gage assembly
- Vertical rising ballcheck in lower valve for safety shutoff
- 4 bolt flange design allows for easy rotation of gage viewing angle
- Heat treated valve stems
- Graphite packing for superior leak protection
- Optional drain valve



RJSG-1016B

Reliance Boiler Water Gage & Valve Assemblies

Select the Reliance Boiler Water Gage and Valve Assembly engineered to fit your requirements.

Assembly	Sections	Press (WSP)	Visibility	Valve Set	Minimum Centers = Visibility + Dimension Below
RJSG-109B	1	900	10-1/8"	RJ739B	8"
RJSG-XX9B	2	900	10-1/8"-19-1/4"		9.5"
RJSG-XX9B	3	900	24"-28 3/8"		9.5"
RJSG-1011B	1	1100	10-1/8"	RJ311B	8"
RJSG-XX11B	2	1100	10-1/8"-19-1/4"		9.5"
RJSG-XX11B	3	1100	24"-28 3/8"		9.5"
RJSG-1016B	1	1600	10-1/8"	RJ325B	8"
RJSG-XX16B	2	1600	10-1/8"-19-1/4"		9.5"
RJSG-XX16B	3	1600	24"-28 3/8"		9.5"

Determining "SG" Gage Model Numbers

1. "RJSG" gage model numbers are derived from the desired visible range (nearest inch) and pressure rating (WSP divided by 100). The first two numeric digits indicate visible range (RJSG-189B). The last one or two digits indicate pressure rating (RJSG-189B). Ex. Model RJSG-149B = visible range between 13 1/2" and 14 1/2," 900 WSP rating, and priced per RJSG-189B line item.
2. Visible ranges are only available per the tabled values above.

How to Order Reliance Direct Reading Boiler Water Gages

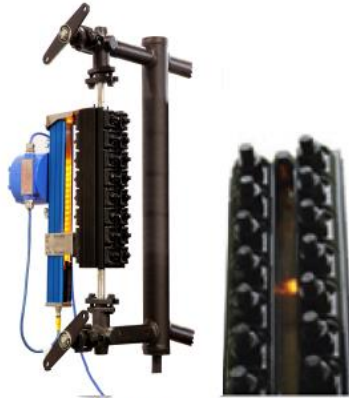
The following information is required for prompt, accurate cost quotations and for order processing:

- **Boiler Design Pressure**
- **Boiler Operating Pressure**
- **Gage Visibility**
- **Drum Connection Centers**
- **Drum Flange Size**
- **WSP** (3/4" 600 = or 3/4" 900 = Flange Standard on 900 WSP and 1100 WSP)
- **WSP** (3/4" 1500 = Flange Standard on 1600 = WSP)

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