

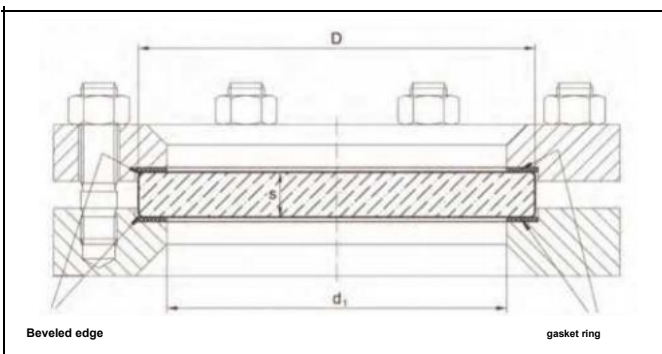
Lumistar DIN8902 Circular Sight Glass

Size D _{xs} (mm)	Visible diameter d _l (mm)	Nominal pressure (bar)
DIN size		
63X10	48	16
80X12	65	16
*94X12 ¹	80	6
100X15	80	16
*113X15 ²	100	6
125X15	100	10
*125X19 ²)	100	16
*141X15 ¹	125	6
*150X19 ²)	125	10
150X25	125	16
*166X15	150 ¹	6
*175X19 ²)	150	10
175X25	150	16
*200X19 ²)	175	8
200X25	175	10
250X25	225	8
Other sizes are customizable. *No DIN size available		

- 1) Similar to DIN11851 for threaded connection mirrors
- 2) 'S' According to DIN = 20 mm

Product Features:

At temperatures not exceeding 150°C, the pressure resistance of the viewing lens is normal: no minimum temperature requirement.
 Sodium-calcium heat-resistant tempered glass;
 Grinding and polishing;
 The product can be customized according to your specific requirements, such as coating application.



safety precaution

1. After installing viewing mirrors similar to model DIN 8902, we strongly recommend replacing them with new viewing glass and sealing rings, especially for pressure vessels or those handling corrosive media.

DIN8902 Installation Notes:

Installation shall only be performed by authorized personnel after thoroughly understanding the following specifications: Handle the viewing glass with care; prior to installation, clean the chuck, viewing glass, sealing ring, and other components to remove impurities (e.g., debris). Apply even force when tightening the fixing bolts; do not reuse viewing lenses that have been disassembled or reassembled.

2. Planned equipment maintenance

The sight lenses must be removed for maintenance in a planned manner, with their condition periodically inspected through visual and ultrasonic wall thickness measurements. Any damage must be immediately replaced using alternative spare components. Additionally, maintaining the sight lenses' normal service life requires proper protection and frequent monitoring of their operational status. Note: If the sight lenses come into contact with deionized water during production, particularly intensive periodic inspections are required, as this can cause decomposition of the glass lenses.

3. Even when installation and usage strictly adhere to the specified guidelines, the viewing lens may still break due to external forces under extremely rare circumstances. In severe cases—such as within the food industry—appropriate safety measures established by system manufacturers or operators must be implemented to prevent glass fragments from entering the production process.