

#### HSG03 Sight Glass

The HSG03 sight glass range is suitable for use in systems operating up to a maximum of 10 barg. For units with EPDM seals, the maximum operating temperature is 135°C. Units fitted with Viton, Silicone or FEP-Silicone seals have a maximum operating temperature of 200°C. Units fitted with knock shield may be steam sterilised at a maximum temperature of 135°C for short periods.

#### Installation

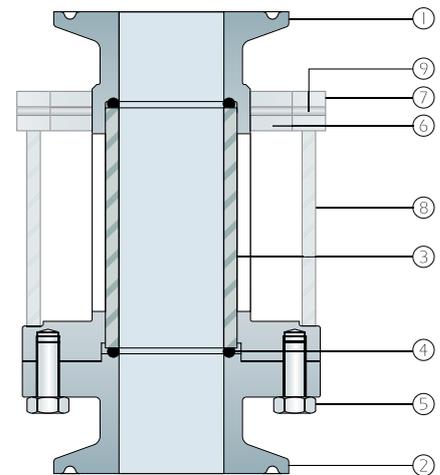
Units may be installed in any orientation, with the flow in either direction.

#### Maintenance

The HSG03 sight glass is easily disassembled for cleaning or maintenance. Replacement seals and glass are available for all sizes.

Disassembly/assembly instructions are as follows:

1. Loosen and remove the body bolts (5). Once removed, the end fitting (2), glass (3) and seals (4) can be removed.
2. Ensure that all components are clean prior to re-assembly. Inspect seals and glass before re-assembly, replacing if required.
3. Locate seal (4) in groove of body (1).
4. Slide glass (3) into body (1).
5. Locate seal (4) in groove of end fitting (2).
7. Bring body parts together, ensuring that the seals are correctly located in the seal grooves and that the glass is central before tightening.
8. Tightening bolts incrementally to compress seals.
9. Pressure test units to a maximum of 15 barg with air or nitrogen under water, checking to ensure a bubble tight seal has been formed between the glass, body and end fitting.



Part		Material
1	Body	316L stainless steel
2	End fitting	316L stainless steel
3	Glass	Borosilicate
4	Seal	EPDM, Viton, Silicone or FEP-Silicone
5	Body screw	Stainless steel
6	Inner ring	316L stainless steel (if fitted)
7	Outer ring	316L stainless steel (if fitted)
8	Grub screw	Stainless steel (if fitted)
9	Lens	Polycarbonate (if fitted)

#### Available spares

Glass (3), seals (4), knock shield (6) and lens (9)