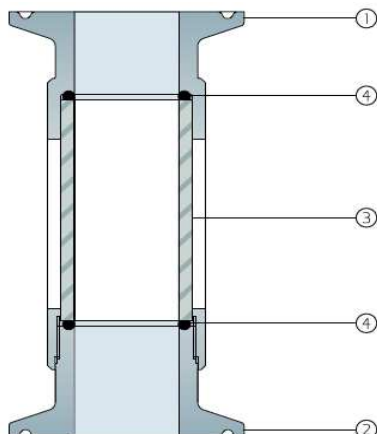


MIRILLAS EN LÍNEA



The HSG02 range of sight glasses are designed for use in high purity applications where a visible indication of flow or product presence is required. The double window design provides optimum viewing area and eliminates the need for a back light. The bore of the glass and end fittings match that of the corresponding tubing size thus eliminating the possibility of fluid retention, even when units are installed horizontally. An optional Polycarbonate knock shield is also available and this can be fitted without the need to disassemble the sight glass.



HSG02

- P Pressure Rating**
Up to 10 barg
- T Temperature Rating**
Up to - 135°C with FDA grade EPDM seals
150°C with USP grade EPDM seals
200°C with Viton, Silicone or FEP-Silicone seals
135°C when knock shield fitted
- C Connections**
1/2" - 4" ASME BPE clamp
DN8 - DN50 DIN and ISO clamp
- S Seal Materials**
EPDM, Viton, Silicone or FEP-Silicone
- W Surface Finish**
Wetted surfaces - 0.5 microns Ra
External surfaces - 0.8 microns Ra
- ✓ Options**
Polycarbonate knock shield
Enhanced surface finishes and electropolishing
Low sulphur stainless steel, C22 and other alloys
Bolted design - HSG03 and HSG04
- C Available Certification**
 - CofC** Certificate of Conformity
 - MTR's** Material Certification
 - FDA** FDA Elastomer compliance certificates
 - USP** USP Elastomer compliance certificates
 - ADI** Certified 'Animal Derived Ingredient' free

Part	Description	
1	Body	316L stainless steel
2	End fitting	316L stainless steel
3	Glass	Borosilicate
4	Seal	EPDM, Viton, Silicone or FEP-Silicone
5	Knock shield	Polycarbonate
6	Support ring	316L stainless steel

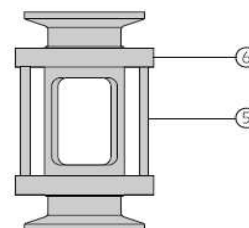
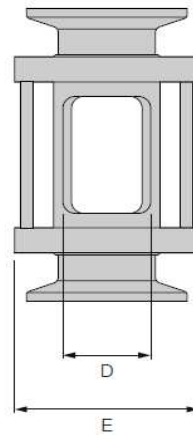
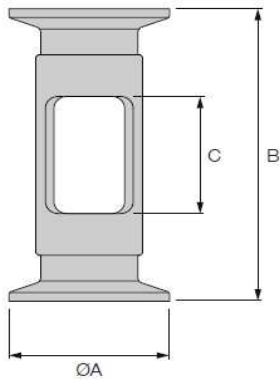




Illustration showing knock shield fitted

HSG02



	Size ASME BPE	Dimensions (mm)					Weight (kg)
		ØA	B	C	D*	E**	
	1/2"	25	90	40	120°	34	0.1
	3/4"	25	90	40	120°	34	0.1
	1"	50.5	100	40	120°	64	0.3
	1-1/2"	50.5	100	40	120°	64	0.4
	2"	64	100	40	120°	84	0.6
	2-1/2"	77.5	100	40	120°	100	0.8
	3"	91	100	40	120°	109	1.0
	4"	119	100	40	120°	150	1.3

* Sight glasses have 2 windows at 180° separation

** Dimension E only applies when knock shield is fitted