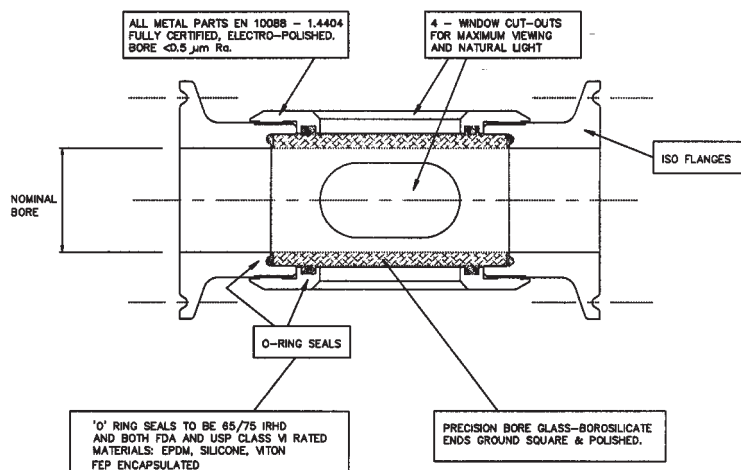


Sightglass in-line

2023-09-20



SPECIFICATION

The in-line sightglass offers the highest quality and precision demanded by the modern food, chemical and pharmaceutical industry. Using the best and certified materials this fitting has been designed to a high specification. The bore of the Borosilicate glass element is precision sized to match precisely the bore of the flange ends/ connecting pipe work. The resulting smooth transition obtained by this and by adopting the EHEDG guidelines regarding o-ring seal profile is designed to give a hygienic CIP cleanable product. The unit has four observation windows resulting in maximum visibility combined with

adequate strength to withstand design pressures and temperatures. The product is fully certified and conforms to EC directives. The o-ring seals are both FDA food grade and USP Class VI quality, fully certified.

The metal body is permanently part marked with material heat number, size, surface finish and the CE mark. Other markings can be applied as requested. The basic unit is ASME-BPE SFF6 on internal bore, however higher finishes can be supplied as can higher or more exotic grades of materials.

BASIC SIZE RANGE

NS.	3/8"	1/2"	3/4"	1"	1 1/2"	2"	2 1/2"	3"	4"
BORE	7.7	9.5	15.8	22.1	34.8	47.5	60.3	72.9	97.4
LENGTH	65.0	76.0	87.0	91.0	105.0	120.0	151.0	175.0	200.0
P working	22.0	20.0	17.5	8.5	8.0	7.0	6.5	6.5	4.0
P tested	220	200	175	112.0	85.0	69.0	65.0	65.0	49.0

*Pressures given at ambient temperatures, factor of safety 10 applied. Based on borosilicate grade 3.3 to EN ISO1595. Pressure tested is to glass failure. Data sheet available for elevated temperature ratings and all other details, sizes etc.

Also available in ISO and DIN sizes.