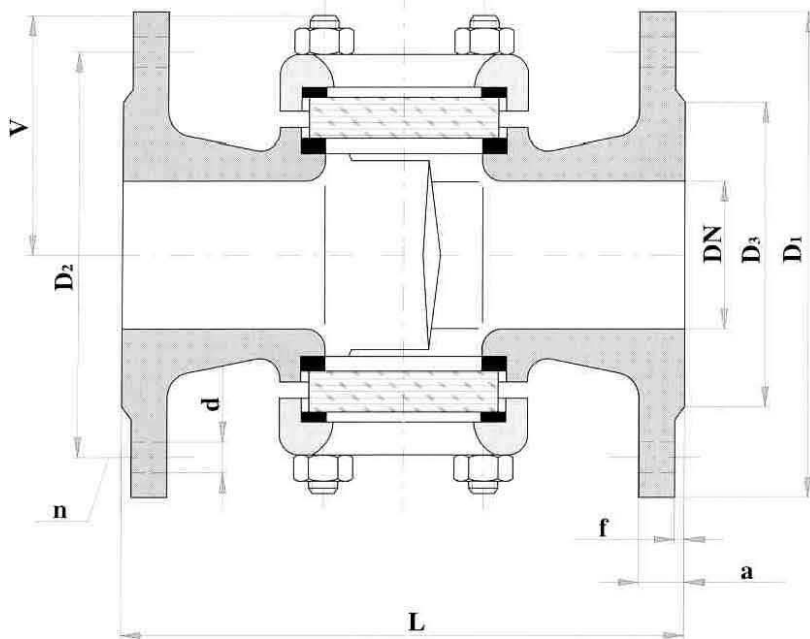


Sight glass

U 70-016

PN 16



Application

Fitting for monitoring the flow of liquids in a pipe. The stainless steel sight glass is for aggressive liquids, depending on their type, temperature and concentration, for maximum pressures and temperatures:

Temperature [°C]	Pressure [MPa]
120	1,60
150	1,60
180	1,60
200	1,60

Technical description

The sight glass body is a casting, with two circular inspection holes, which are covered with observation glass, sealed using caps, gasket and bolts. To improve visibility of flow, the body has barriers which cause the liquid to swirl. A suitable light should be placed below the sight glass.

Connecting and face-to-face dimensions

Face-to-face dimensions are given in the table below.

Face-to-face dimensions as per DIN 3202, F1 and ČSN EN 558.

Flange connecting dimensions as per DIN 2501, and ČSN 13 1060 and 13 1061.

Material

Body, caps stainless steel (1.4312)
Observation glass SIAL glass

Testing

The filter is tested as per DIN 3230, ČSN 13 3060, part 2.

Installation

The sight glass can be installed in a pipeline in any position, regardless of flow direction.

DN	L	V	D ₁	D ₂	D ₃	a	f	n	d	kg
15	130	46	95	65	47	14	2	4	14	3
20	150	55	105	75	58	16	2	4	14	5
25	160	60	115	85	68	16	2	4	14	5,5
32	180	70	140	100	78	16	2	4	18	6,5
40	200	72	150	110	88	18	3	4	18	8
50	230	80	165	125	102	18	3	4	18	11,5
65	290	98	185	145	122	18	3	4	18	19,5
80	310	110	200	160	133	20	3	8	18	26
100	350	130	220	180	158	20	3	8	18	36