Range 62
DIN STANDARD

DIN valves and accessories

Model 62421 In-line sight flow indicator, plain ends 316L stainless steel

Specifications

Dimensions: DN25 to DN100
Connections: plain ends to be welded
Operating pressure: 14 bar up to DN25
10 bar from DN32 to DN65
8 bar for DN80 to 100
Max. Temperature: +130°C
Material: 316L stainless steel
EPDM gaskets
Pyrex® Glass

On request: FKM gaskets

ISO 9001 BUREAU VERITAS Certification

CE

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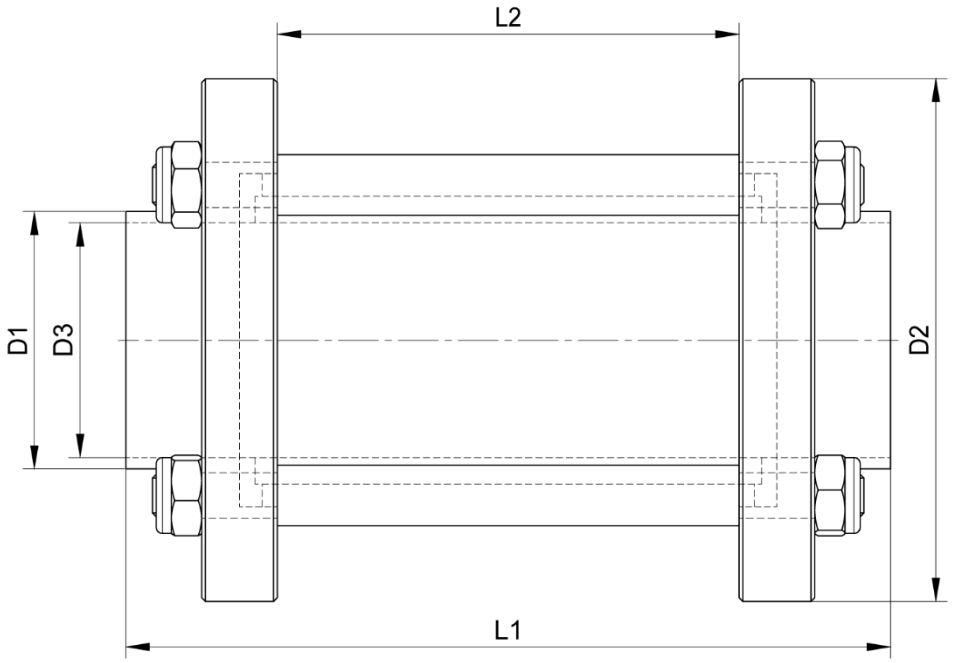
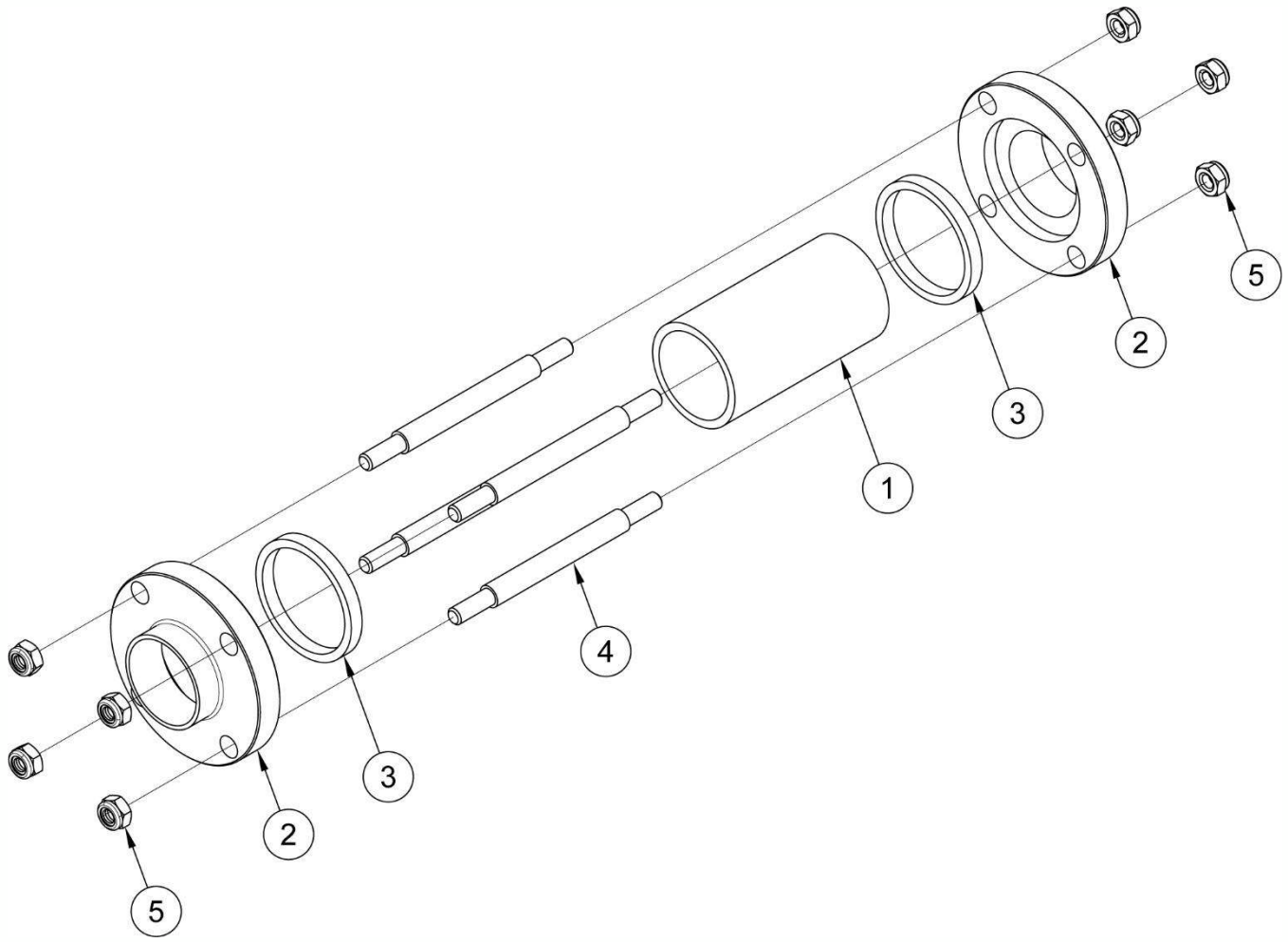


DN (mm)	D1 (mm)	D2 (mm)	D3 (mm)	L1 (mm)	L2 (mm)	Weight (kg)	Part number SS 316L
25	28	64	24	101	61	0.49	**662421-25**
32	34	69	32	101	61	0.55	**662421-32**
40	40	79	38	111	71	0.65	**662421-40**
50	52	89	50	111	71	0.85	**662421-50**
65	70	109	65	155	111	1.05	**662421-65**
80	85	124	80	155	111	1.30	**662421-80**
100	104	149	98	159	111	2.80	**662421-100**



N°	Part Name	Material
1	GLASS	PYREX®
2	END FLANGE	AISI 316L
3	GASKET	EPDM*
4	SPACER	AISI 304
5	LOCK NUT	AISI 304

*FKM gaskets on request

Assembly and maintenance instructions

You can use the in-line sight flow indicator to visually check fluid is present in piping.

Installation

You can install the indicator in any position.

Before assembly, clean the installation and check that the equipment is clean and free from foreign bodies that could damage the indicator.

Check that all piping is perfectly aligned and that the piping support structure is dimensioned so that the indicator is not subject to any external stresses.
The piping support structure must only support the pipes, not the indicator.

In-line sight flow indicator installation:
Welding must be carried out by qualified personnel.
You must disassemble the in-line sight flow indicator to avoid damaging it during welding.

Pressure test the installation according to the relevant standards (e.g. EN 12266-1), but do not exceed the indicator's specifications.

Maintenance

The in-line sight flow indicator does not require any specific maintenance if it is used in normal operating conditions.

You may need to change some of the in-line sight flow indicator's parts due to unusual wear and tear, or if a fluid has damaged it and caused a leak or malfunction.
If this is the case see the "Assembly / Disassembly" section below.

Assembly / Disassembly

The maintenance and removal/installation of the indicator must be carried out by personnel who are qualified and trained for this type of intervention.

Warning: Before you work on the indicator, check that the installation has been stopped and that the piping is empty and is not pressurised.
Warning: If the indicator is used with fluids that have a temperature above 60°C then people could burn themselves if they touch it.
Warning: Beware of hazardous materials - follow the instructions provided by the suppliers.

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Remove the 4 lock nuts 5 on one side of the indicator.
Remove the end flange 2 with its gasket 3, then carefully remove the Pyrex® glass 1.
Remove the 4 lock nuts 5 holding the other end flange 2 and move the 4 spacers 4 out of the way.
Remove the worn gaskets 3 from the end flanges 2 and replace them, if necessary.

Follow the disassembly steps in reverse to reassemble the in-line sight flow indicator.

Check that the assembly is not leaking before you put the installation back into service.

In-line sight flow indicator accessories

Here is a list of all of our in-line sight flow indicator accessories, as well as a table that shows the corresponding accessory part numbers for each DN.

Model **62424** (part n° 1): Replacement Pyrex® glass
Model **62425**: Protective grid for an in-line sight flow indicator - 304 stainless steel

DN (mm)	Part number Replacement glass	Part number Protective grid
25	962424-25	262425-25
32	962424-38	262425-32
40	962424-40	262425-40
50	962424-50	262425-50
65	962424-65	262425-65
80	962424-80	262425-80
100	962424-100	262425-100

You can order replacement gaskets for the in-line sight flow indicator on request.

Standards and compliance

- This in-line sight flow indicator complies with European Pressure Equipment Directive (PED) 2014/68/EU Article 4 paragraph 3 (formerly 97/23/EC Article 3 paragraph 3).
- This in-line sight flow indicator complies with EC Directive 1935/2004.