

Sampling diaphragm valve

Model 65518 Sampling diaphragm valve Silicone
316L stainless steel



Specifications

Connection: end to be welded or 1/2" BSPP thread in accordance with ISO 228-1

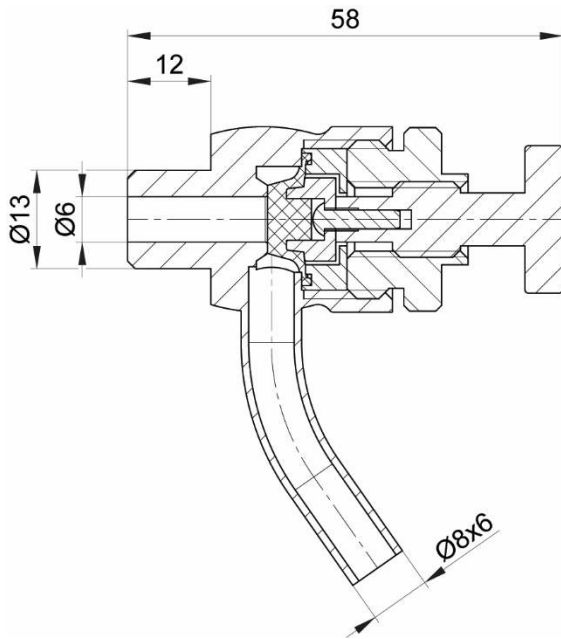
Max. operating pressure (at 20°C): 6 bar

Temperature: -30°C to +140°C

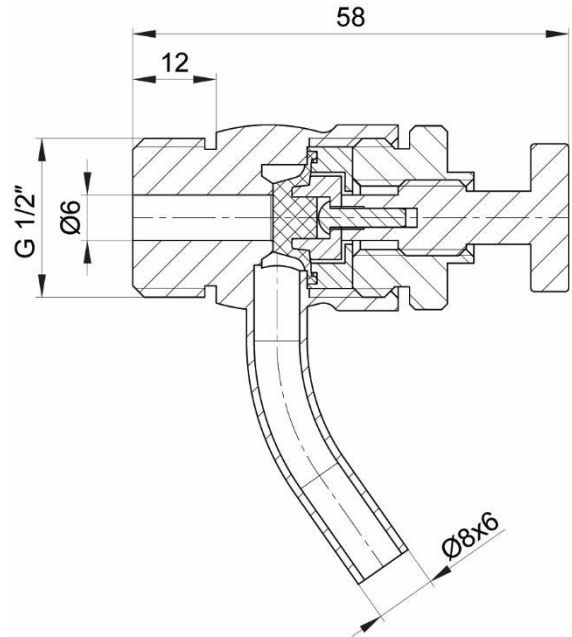
Material: 316L stainless steel

Silicone diaphragm

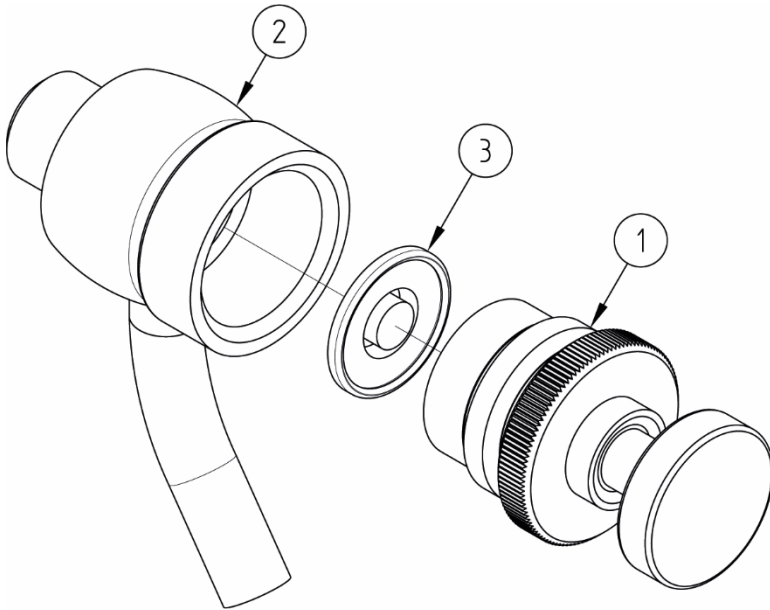
FKM diaphragm on request



Version requiring welding: **665518-13X6**



Threaded version: **665518-12**



N°	Part Name	Material
1	BODY	316L STAINLESS STEEL
2	DIAPHRAGM-SEAT ASSEMBLY	316L STAINLESS STEEL
3	DIAPHRAGM	SILICONE

Spare part numbers:

Silicone Diaphragm: ZJRE316S

Viton Diaphragm: ZJRE316V

Assembly and maintenance instructions

Installation

Check that there is enough space to carry out maintenance operations where you are planning to install the valve.

How to install a sampling valve requiring welding:

Welding must be carried out by qualified personnel.

Before welding, you must unscrew the body **1** to separate the diaphragm-seat assembly **2**.

Remove the diaphragm **3**.

How to install a threaded valve:

You should connect the valve to a 1/2" BSPP female threaded connecting point and use a flat gasket.

You can connect the sampling valve's Ø 8x6 outlet pipe by welding it onto a suitable stainless steel pipe.

Use

Loosen or tighten the smooth operating screw to open or close the valve.



Warning: You must not unscrew the knurled nut during use, as this will disassemble the valve.

You can flame sterilise the valve before each sample is taken. Use a butane lamp, aim the flame at the base of the sampling valve's outlet pipe for one minute.



Warning: If the valve is used with fluids that have a temperature above 60°C and during flame sterilisation then people could burn themselves if they touch it.
Beware of hazardous materials - follow the instructions provided by the suppliers.

Maintenance



Warning: Before you carry out maintenance, check that the installation is empty and is not pressurised.

If you need to change the diaphragm, unscrew the knurled nut to remove the whole mechanism. No tooling is required. Check that the diaphragm is correctly positioned in the groove at the end of the operating screw before screwing the mechanism back in.
Tighten by hand.