

Diaphragm seals for sanitary use

Model DS52

Standard Tri-clamp connections
ASME B40.100

Features

- SS 316L diaphragms welded to a SS316L top housing
- Compatible with Tri-Clover
- Easy to remove from process

Ranges

15 psi up to 600 psi
1 kg/cm² up to 40 bar & kg/cm²
100 kPa up to 4000 kPa

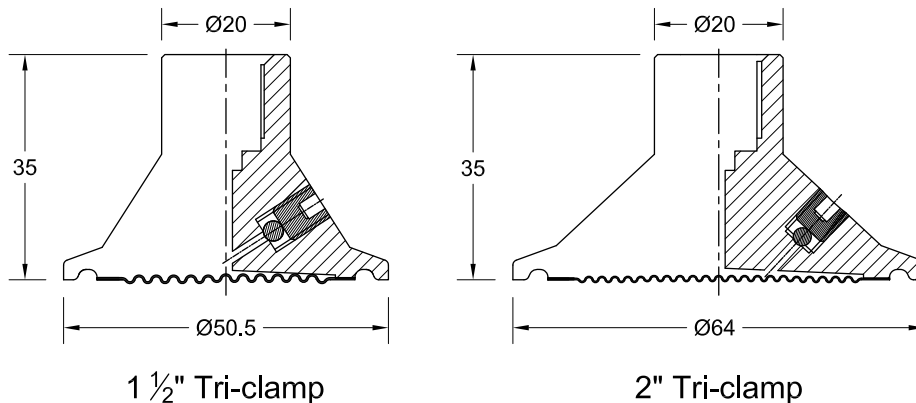
Applications

Pharmaceuticals
Dairy & Food process industry
Biotechnology and filtration industries
Breweries, distilleries, wineries and citrus juice production plants



Model	DS52	
Process connection size	1 1/2" Clamp	2" Clamp
Pressure range in bar (min max)	0/2.5 0/40 for 63mm (2.5"), 0/4 0/40 for 100mm (4")	0/1 0/40 for 63mm and 100mm (4")
Instrument Connection	1/4" BSP (F)	
Material, Diaphragm & Top housing	Stainless steel 316L	
Accuracy	Additional 0,5 % to the specified tolerance of the mounted instrument	
Filling liquids (temperature range)	Glycerin (0/400 °F, -18/204 °C), vegetable oil (32/248 °F, 0/120 °C), Food grade silicone (5/570 °F, -15/300 °C)	
Mounting	Direct	
Weight in grams	160	240
Accessories, options	Pressure gauges, transducer	

General dimensions in mm



Order information

Process connection	Type	Diaphragm and top housing	Instrument connection	Filling fluid	Options
(15) 1 1/2" Tri-clamp	DS52	(S) 316L	(13T) 1/4" BSP(F)	(CG) Glycerin (direct mounted, -18/204 °C)	(NH) Tagging marked
(20) 2" Tri-clamp				(GZ) Vegetable oil (direct mounted, 0/120 °C)	(C) Clamp
				(CZ) Food grade silicone (direct mounted or with capillary, -15/300 °C)	(G) Gasket
				others on request	(PE) Electro polishing
					Certificate
					(CD3) 3.1 Material Certi.

How to order

Process connection	Type	Diaphragm and top housing	Instrument connection	Filling fluid	Options	Certificate
15	DS52	S	13T	GZ	NH	CD3

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IN.DS52 Rev. F 02/04/2026