Diaphragm seals for sanitary use
Model DS52

Standard Tri-clamp connections



Features

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

Ranges

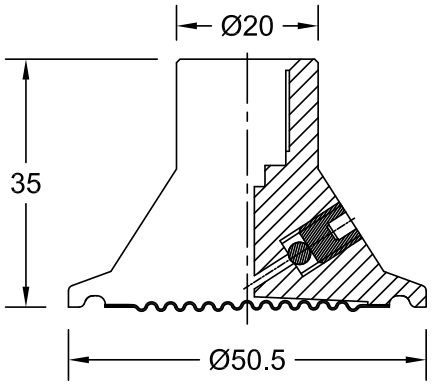
15 psi up to 600 psi
1 kg/cm^2 up to 40 kg/cm^2

Applications

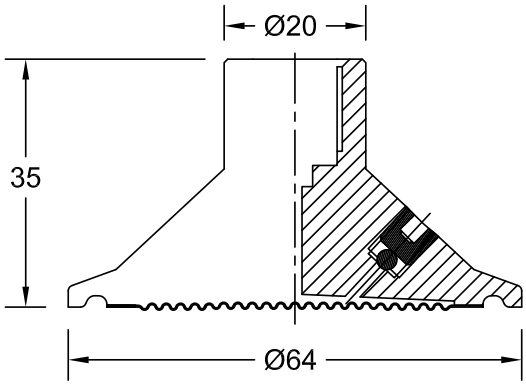
Pharmaceuticals
Dairy & Food process industry
Biotechnology and filtration industries
Breweries, distilleries, wineries and citrus juice production plants

Model	DS52	
Process connection size	1 1/2" Clamp	2" Clamp
Pressure range in kg/cm^2 (min || max)	0/2.5 || 0/40 for 63mm, 0/4 || 0/40 for 100mm	0/1 || 0/40 for 63mm and 100mm
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 (0/300 °F, -18/150 °C), vegetable oil (32/248 °F, 0/120 °C)	
Mounting	Direct	
Weight in grams	160	240
Accessories, options	Pressure gauges, transducer	

General dimensions in mm



1 ½" Tri-clamp



2" Tri-clamp

Order information

Process connection	Type	Diaphragm and top housing	Instrument connection	Filling fluid	Options
(15) 1 1/2" Tri-clamp **(20)** 2" Tri-clamp	**DS52**	**(S)** 316L	**(13T)** 1/4" BSP(F)	**(CG)** Glycerin (direct mounted, -18/150 °C) **(GZ)** Vegetable oil (direct mounted, 0/120 °C) others on request	**(NH)** Tagging marked **(C)** Clamp **(G)** Gasket **(PE)** Electro polishing

How to order

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

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