

Technical Specifications

▼ Flush diaphragm diameter

23.5 mm

▼ Flange size

42 x 95 mm (2-hole flange)

80 x 89 mm (4-hole flange)

▼ Connection size

3/4" (DN20)

1" (DN25)

▼ Pressure range

Min.: 100 bar

Max.: 600 bar

▼ Applicable media

For corrosive, crystallized, impurity-contained and viscous media pressure measurement

▼ Ambient temperature

10°C to 60°C

▼ Fluid temperature

+110°C

▼ Protection level

IP68

▼ Structure

All-welded design

Flush diaphragm connection

▼ Installation type

2-hole flange (open type) /

2-hole flange (close type) /

4-hole flange (close type)

▼ Liquid-filling

Food grade vegetable oil

▼ Rinse

Direct rinse

▼ Body material

SS304 (standard)

Other available material please refer to order table

▼ Diaphragm material

SS316L (standard)

Other available material please refer to order table

Diaphragm Seal for Homogenizer (Flush Diaphragm Type)

Model: DS350

Introduction

DS350 diaphragm seal is especially designed for homogenizer. It suitable for corrosive, viscous, crystallized and impurity-contained media measurement. The open design allowing easy cleaning, and blind space has been eliminated to prevent impurity generated. The internal diaphragm seal is filled with food grade vegetable oil.



2-hole flange (open type)



2-hole flange (close type)

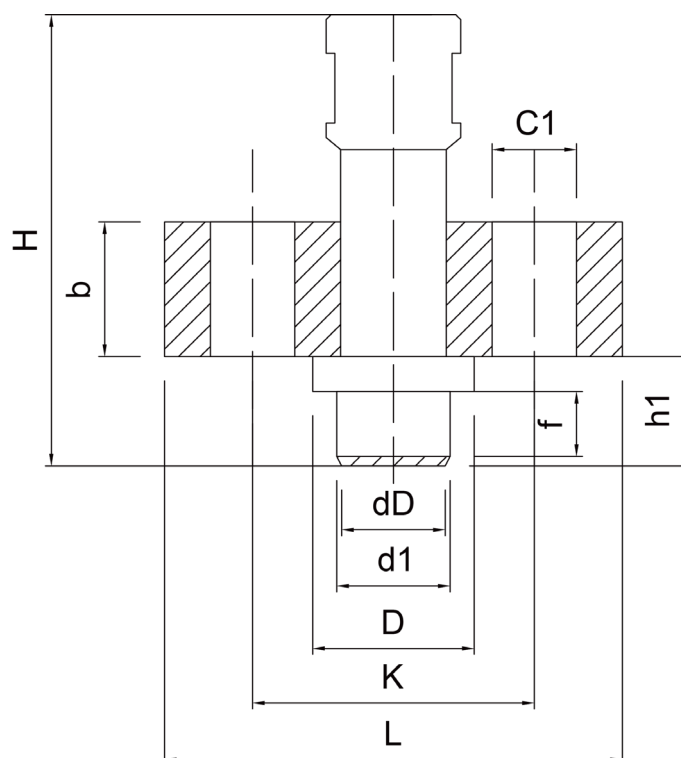


Due to the variety of customization, the picture is only for reference, please confirm the actual item with our sales. (If there is any change on specification, please take the latest version as standard.)

Features

- OEM service
- The diaphragm seal is especially designed for homogenizer
- The wetted part adopts SS316L flush diaphragm, the open design allowing easy cleaning, and blind space has been eliminated to prevent impurity generated.
- The internal diaphragm seal is filled with food grade vegetable oil
- Suitable for corrosive, viscous, crystallized and impurity-contained media measurement.
- Suitable in food industry such as beverage and dairy manufacturers.

Dimension



Type	dD	b	d1	D	h1	f	H	K	C1	L
Close type	21.5	28	23.5	33.5	23	13.5	90	60.5	17.5	95

Unit: mm

How to order

Diaphragm Seal for Homogenizer (Flush Diaphragm Type)

	Code	Item	Code	Item	Code	Item	Code	Item	Code	Item
U1	Body material	U1	SS304	U2	SS316	U3	SS316L	O	Others	—
D1	Diaphragm material	D1	SS316L	D2	Hastelloy C276	O	Others	—	—	—
O1	Liquid-filling	O1	Vegetable oil	O	Others	—	—	—	—	—
I1	Installation type	I1	2-hole flange (open type)	I2	2-hole flange (close type)	I3	4-hole flange (close type)	—	—	—
Custom	Pressure range	0...100 to 600bar								
8	Connection size	6	3/4" (DN20)	8	1" (DN25)	—	—	—	—	—
/A	Other requests	/A	Install a capillary							
		/B	Install a cooler between diaphragm seal and pressure gauge							
		/C	Fluid temperature +200°C							
		/D	Fluid temperature +400°C							
		/F	Remote reading capillary (only available for pressure < 40bar) lining material - copper, surface material - SS304							
		/G	Remote reading capillary (only available for pressure < 40bar) lining and surface material - SS304							

Order example: DS350 - U1 - D1 - O1 - I1 - 0...100bar - 8+ /A