

Diaphragm type chemical seal with female -or male thread

Features

- Overload protection by diaphragm bed
- Special material for extreme service requirements
- Mountable on instrumentation and control equipment

Description

Chemical seals are used when media can falsify the pressure measurements due to high temperature , high viscosity or their propensity to crystallise . Chemical seals transmit the process pressure to the measuring instrument , with the diaphragm forming a hermetic seal between the medium and measuring instrument. In combination with capillary tube the measuring instruments can be mounted in something meters from the process pressure .



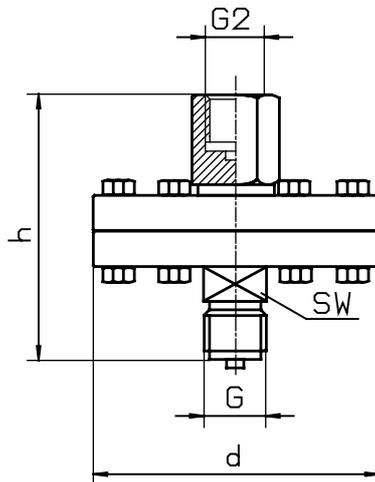
Applications

- Process engineering
- Chemical and petrochemical industries
- Plant and apparatus construction
- Food industries

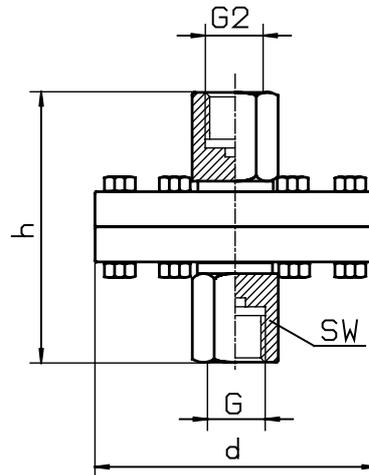
Model	DM-10	DM-20
Ranges in bar for PN 40	0...1, 1,6, 2,5, 4, 6, 10, 16, 25, 40 -1 / 0, -1 / +0,6, -1 / +1,5, -1 / +3, -1 / +5, -1 / +9, -1 / +15, -1 / +24	
Construction	two parts ,upper -and lower flange together srewed	
Upper flange	CrNi steel	
Diaphragm	48 mm CrNi steel welded with upper flange	
Lower body	CrNi steel	
Sealing	FPM	
Connection	SW 22, CrNi steel	
Connection thread	G 1/2 B	G 1/2 female
Operating pressure	PN 40, , in option PN 100 , PN 250 or PN 600 PN 100, PN 250 or PN 600	
Filling liquid	Silicone oil	others available
Operating temperature	Medium: -20°C up to 200°C,	option for -90 and + 400 °C

Dimension and Design

Connection with male thread
Typ DM-10



Connection with female thread
Typ DM-20



Dimensions in mm								Weight
Typ	d	h		SW		G	G2	
DM-10	100	94		22		G 1/2 B	G 1/2	1,4 Kg
DM-20	100	96		22		G 1/2	G 1/2	1,6 Kg