

Diaphragm Seal Systems - DS 0500



DS0500

- All diaphragm groups are manufactured from AISI 316L.
- Highly suitable for pressure measurement of viscous fluids or crystallisable mediums.
- Can be used in vibrating environments or with pulsating pressures.
- Filling Liquid: Glycerin , Silicon oil or Organic oil

Industry Sector: Petro-chemical plants, Mining industry, Machinery Manufacturing, Hydraulics/Pneumatics and Food industry.

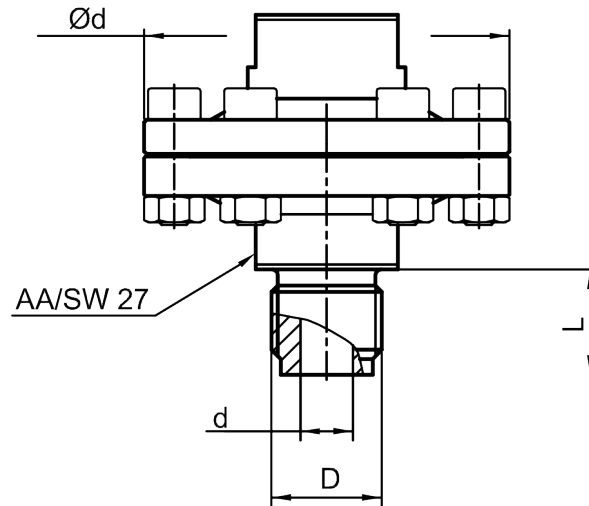


Usage Properties

Fluid Temperature	· Maximum + 150 °C
Operating Pressure (max.)	· Must not exceed full scale.
Accuracy Class	· CL 1.0
Ambient Temperature	· -25°C...+85°C
Storage Temperature	· - 20 ... + 70 °C

Constructive Properties

Process Connection	· G 1/2"
Instrument Connection	· G 1/2"
Scale Unit	· bar
Scale Range (PN)	· 0/0,6 · 0/1 · 0/1,6 · 0/2,5 · 0/4 · 0/6 · 0/10 · 0/16 · 0/25 · 0/40 · 0/60 · 0/100 · 0/160 · 0/250 · 0/400 · 0/600
Diaphragm Body	· Stainless Steel AISI-316L
Diaphragm	· Stainless Steel AISI-316L
Nominal Diameter	· Ø100 mm · Ø160 mm
Nuts & Bolts	· Stainless Steel AISI-304
Sealing	· Viton
Filling Liquid	· Silicon Oil

Technical Drawings - DS 0500

PN 0,6 / 1,6; 2,5 / 160; 250 / 600 bar

PN	Ø	Ød	D	d			L	Model #
				Standart	İsteğe Bağlı			
0,6 / 1,6	100	97	G 1/2 A	10	8	12	20	DS 0500 004
	160	97	1/2 NPT	10	8	12	20	DS 0500 024
2,5 / 160	100	69,5	G 1/2 A	10	8	12	20	DS 0500 204
	160	69,5	1/2 NPT	10	8	12	20	DS 0500 224
250 / 600	100	69,5	G 1/2 A	10	8	12	20	DS 0500 404
	160	69,5	1/2 NPT	10	8	12	20	DS 0500 424