

## Diaphragm seal

threaded process connection  
welded design

### Applications

- basic process industry applications
- corrosive, viscous or toxic media
- high temperature

### Standards / Approvals

- ISO 228-1
- ASME B 1.20.1
- DIN 13-1



### Features

- small size flanged connection
- internal diaphragm
- effective diaphragm diameter wider than nominal diameter
- wide range of instrument connections

### Pressure rating

- 100 bar

### Process connection

- 1/4", 1/2", 3/4", 1", 2" BSPP
- 1/4", 1/2", 3/4", 1", 2" NPT
- M20x1,5
- M48x3
- other on request

### Instrument connection

- 1/2" BSPP, NPT
- 1/4" BSPP, NPT
- M20x1,5
- other on request

### Wetted parts material

- 304 (1.4301) stainless steel
- 316L (1.4404) stainless steel
- other on request

### Filling fluid

- silicone oil (max. 200°C)
- high temperature oil (max. 315°C)
- oil for vacuum service
- vegetable oil
- fluorine oil
- other on request

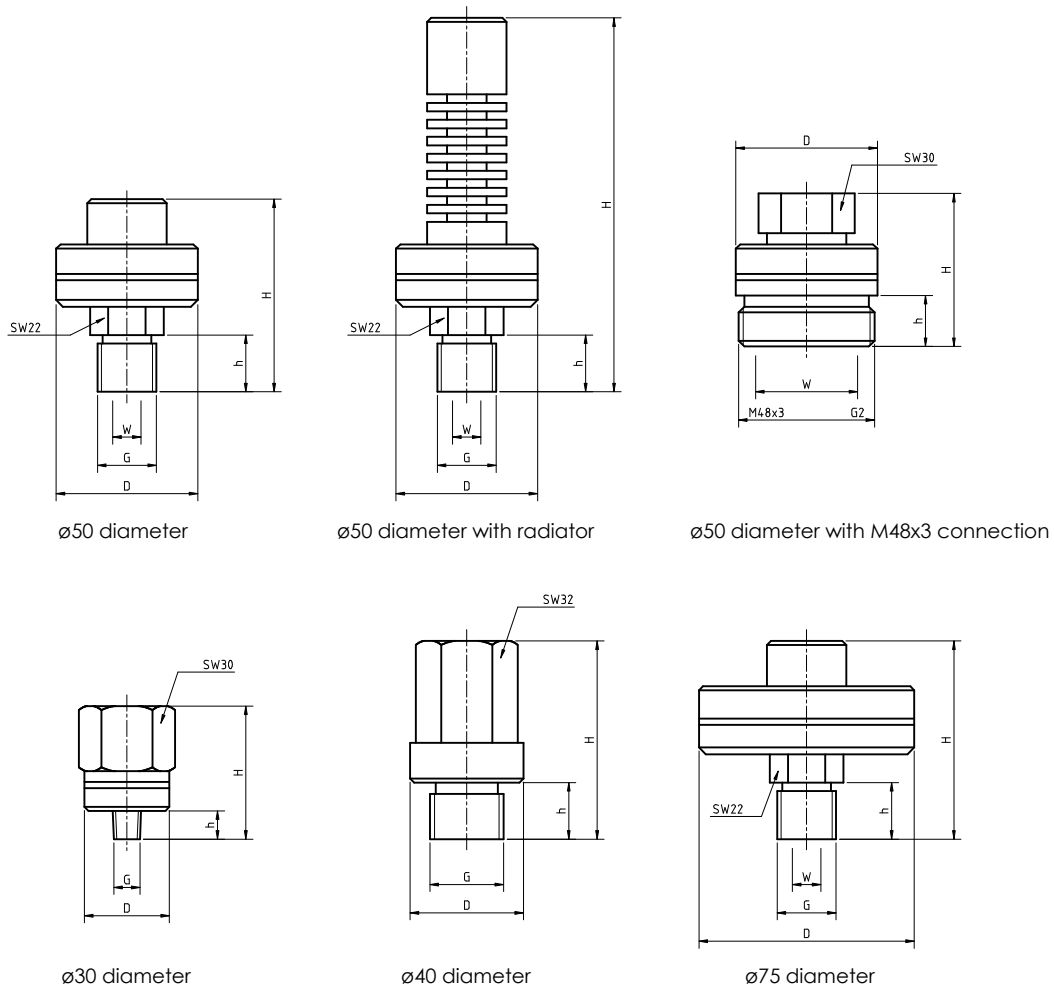
### Optional capillary

- length up to 15m
- armored, axial entry
- 304 (1.4301) stainless steel

### Options

- radiator
- other diaphragm seal body diameter





### Sample dimensions (in mm)

D	G	W	h	H
ø30	1/8" BSPP	2	10	46,5
ø40	3/4" BSPP	15	20	71
ø50	1/2" BSPP M20x1,5	12	20	70
ø50	2" BSPP M48x3	36	18	54
ø65,5	1/2" BSPP M20x1,5	12	20	72
ø75	1/2" BSPP M20x1,5	12	20	72

**Ordering:** model - process connection - material (diaphragm, body) - capillary length (if applicable) - instrument connection - other options or requests

For proper diaphragm seal manufacturing and calibration, process data - temperatures, pressures and media type - should be provided.