

# THREAD TYPE DIAPHRAGM SEAL

DT103

DT-103 diaphragm seal is designed to be used in highly viscous process industries. It is easy to assemble with pressure gauges, pressure switches, and pressure instruments.

## Technical Data

**Instrument connection:** female thread ¼" to ½" BSP or NPT

**Process connection:** ½" to 2" BSP male thread

**Temperature limited:** -40~+150°C

**Pressure range limited:** (for pressure gauge)

Size	½"	¾"	1"	1½"	2"
MINIMUM LIMITED (kg/cm²)	0~25	0~10	0~4	0~1.6	-1~+1.5
MAXIMUM LIMITED (kg/cm²)	0~350	0~200	0~60	0~40	0~25

**Material:** body-SS316(standard)

Option: SS316L, Hastelloy C276, and others on request

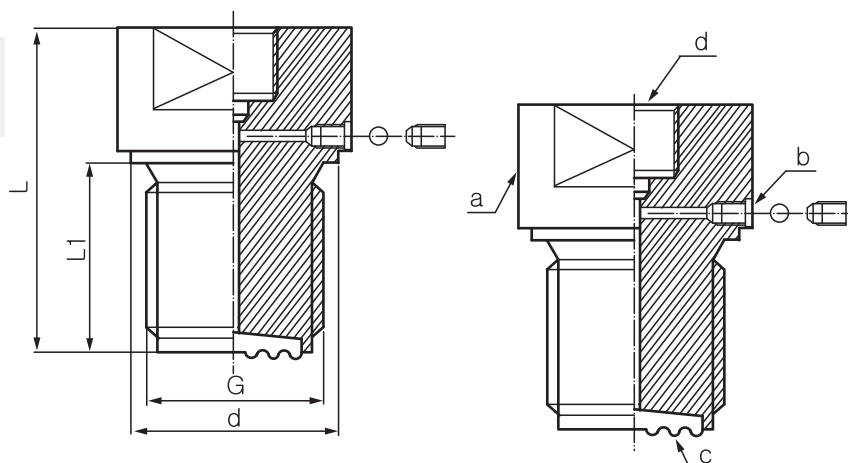
**Membrane:** SS316L(standard)

Option: Hastelloy C276, tantalum and others on request

## Dimensions

Item	Description of Parts
a	Body housing
b	Filling port
c	Membrane
d	Instrument connection

**NOTE**  
Performance Technical Data are effective with date of issue and are subject to change without prior notice.



unit=mm

## Dimensional Data

G	½"BSP	¾" BSP	1"BSP	1½"BSP	2"BSP
d	-	32	39	55	68
L	55	56	55	65	70
L1	20	20	21	30	30

## Ordering Information

DT103	Code	Instrument Connection (Female)
		(A) ¼"BSP (B) ¼"NPT (C) ¾"BSP (D) ¾"NPT (E) ½"BSP (F) ½"NPT
	Code	Process connection (Male)
		(1) ½" BSP (2) ¾" BSP (3) 1" BSP (4) 1½" BSP (5) 2" BSP (6) Option
	Code	Body housing material
		(S) SS316(standard) (O) Option
	Code	Membrane Material
		(1) SS316L (2) Hastelloy C276 (3) Tantalum (4) Option
DT103		Complete ordering code