

THREAD TYPE DIAPHRAGM SEAL

DT111

DT-111 diaphragm seal is designed to be used in highly viscous process media such as pulp, paper, waste water treatment and plastics and chemical process industries. It is easy to assemble with pressure gauges, pressure switches, and pressure instruments.



Approvals:

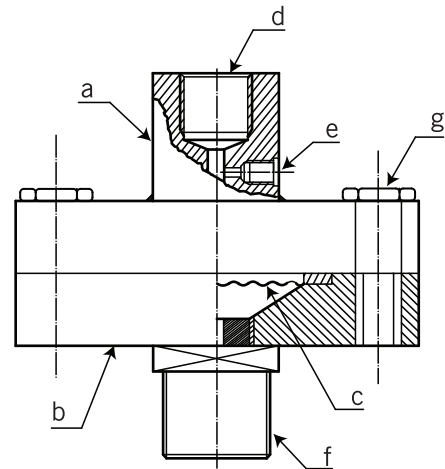
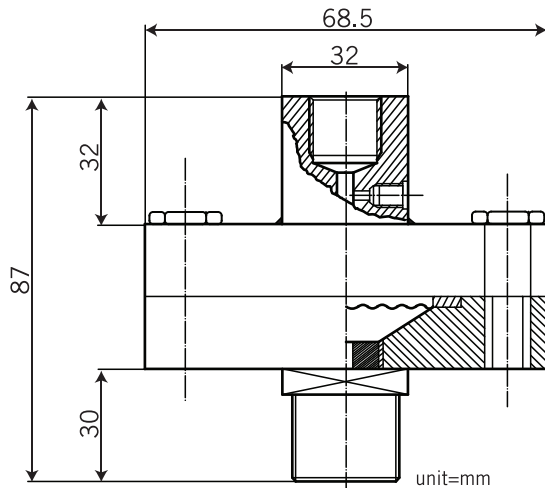


Technical Data

- Instrument connection:** female thread ¼" to ½" BSP or NPT
- Process connection:** ¼" to ½" Thread BSP or NPT
- Temperature limited:** -40~+150°C , cooling element or capillary line up to 350°C
- Pressure range limited:** Maximum up to 60 kg/cm²
Minimum 0~10 kg/cm², option 0~250 kg/cm²
- Material:** upper & lower housing-SS316 (standard), others on request
- Membrane:** SS316L (standard); Options- Hastelloy C276, tantalum and others on request.

Dimensions

Item	Description of Parts
a	Upper housing
b	Lower housing
c	Membrane
d	Instrument connection
e	Filling port
f	Process connection
g	Bolt



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

Ordering Information

DT111	Code	Instrument Connection (Female)					
		(A) ¼" BSP (B) ¼" NPT (C) ⅜" BSP (D) ⅜" NPT (E) ½" BSP (F) ½" NPT					
	Code	Process connection (Male)					
		(1) ¼" BSP (2) ¼" NPT (3) ⅜" BSP (4) ⅜" NPT (5) ½" BSP (6) ½" NPT (7) Option					
	Code	Upper housing material					
		(S) SS316(standard) (0) Option					
	Code	Lower housing material					
	(S) SS316(standard) (0) Option						
Code	Membrane material						
	(1) SS316L (2) Hastelloy C276 (3) Tantalum (4) Option						
DT111							Complete ordering code