THREAD TYPE DIAPHRAGM SEAL
DT107

DT-107 diaphragm seal is designed low cost type to be used in highly viscous process media such as pulp, waste water treatment and plastics and chemical process industries. It is easy to assemble with pressure gauges, pressure switches, and pressure instruments.

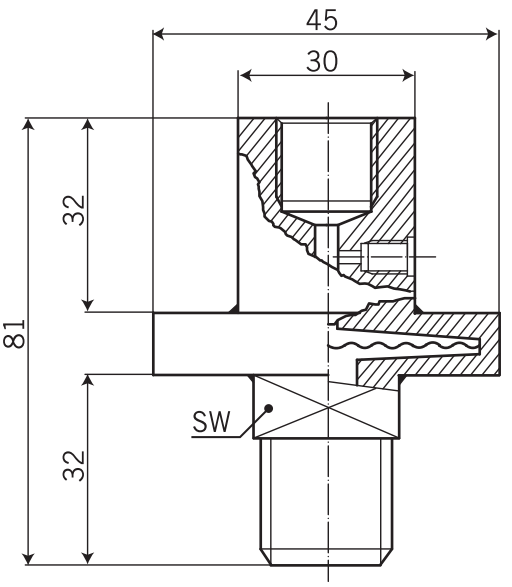
Approvals:

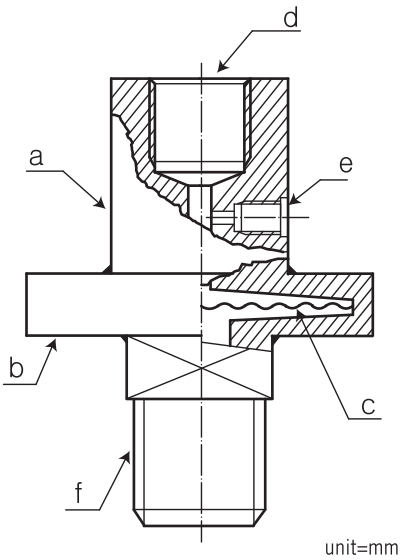
Technical Data

Instrument connection: female thread ¼" to ½" BSP or NPT
Process connection: ¼" to ½" Thread BSP or NPT
Temperature limited: -40~+150℃ cooling element or
capillary line up to 350℃
Pressure range limited: Maximum up to 40 kg/cm²
Minimum 0~6 kg/cm², option 0~60 kg/cm²
Material: upper & lower housing SS316(standard), others on request
Membrane: SS316L(standard), 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





unit=mm

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

Ordering Information

DT107	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

DT107						Complete ordering code