

FLANGE STYLE INSERTED TYPE DIAPHRAGM SEAL DT133

DT133 diaphragm seal is designed to be used in highly viscous process media such as pulp, paper, waste treatment, and plastic/chemical process industries. DT133 is easy to assemble with pressure gauges, pressure switches, and pressure instruments.

Technical Data

Instrument Connection: female thread ¼" to ½"NPT or BSP

Process Connection: ¾" to 3" Flange, JIS,ANSI, DIN rating available

Temperature Limited: -40~+150°C cooling element or capillary line up to 350°C

Pressure Range & Flange Size Limited:

Ø36 Membrane: Maximum up to 40 kg/cm²; Minimum 0~6 kg/cm²

Minimum process flange ¾" x 150#

Ø45 Membrane: Maximum up to 40 kg/cm²; Minimum 0~6 kg/cm²

Minimum process flange 1" x 150#

Ø55 Membrane: Maximum up to 40 kg/cm²; Minimum 0~4 kg/cm²

Minimum process flange 1½" x 150#

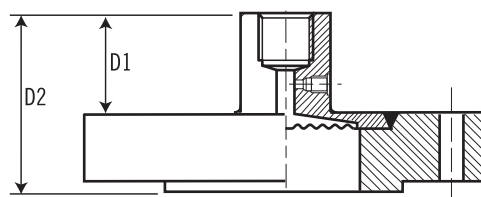
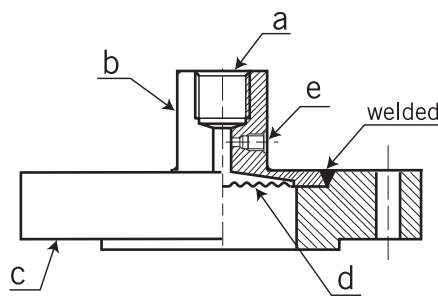
Ø75 Membrane: Maximum up to 40 kg/cm²; Minimum -1~0 kg/cm²

Minimum process flange 2" x 150#

*The Larger pressure range is on request, according to flange rating for above items.

Dimensions

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

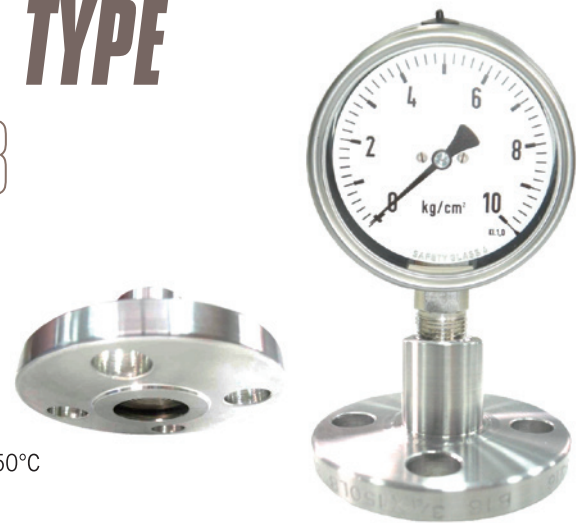


* D1: 30~50 mm

D2: Dimension to suit standard flange rating (as JIS, ANSI, DIN, etc.)

Ordering Information

DT133	Code	Instrument Connection (Female)
		(A) ¼"BSP (B) ¼"NPT (C) ¾"BSP (D) ¾"NPT (E) ½"BSP (F) ½"NPT
		Code Membrane size
		(A) Ø36 (B) Ø45 (C) Ø55 (D) Ø75
		Code Process connection rating
		(1) ¾" (2) 1" (3) 1½" (4) 2" (5) 2½" (6) 3" (7) Option
		Code Flange rating
		(1) 150# (2) 300# (3) PN16 (4) PN25 (5) JIS 10K (6) JIS 20K (7) Option
		Code Upper housing material
		(S) SS316(standard) (O) Option
		Code Lower housing material
		(S) SS316 (O) Option
		Code Membrane material
		(1) SS316L (2) Hastelloy C276 (3) Tantalum (4) Option
DT133		Complete ordering code



Approvals:

