# CLAMP CONNECTION TYPE DIAPHRAGM SEAL

## DT106

DT106 sanitary diaphragm seal is designed to be used in food, beverage industry and pharmaceutical industry. It is easy to assemble with pressure gauges, pressure switches and pressure instruments.

**Approvals:**

### Technical Data

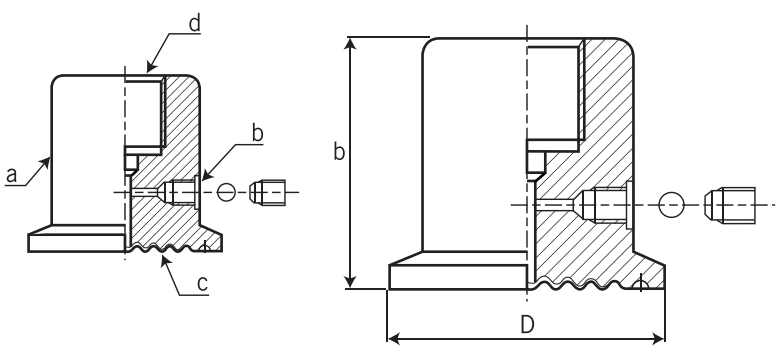
**Instrument connection:** female thread ¼" to ½" BSP or NPT
**Process connection:** 1", 1½", 2" (ISO2852), 25, 32, 40, 50 (DIN32676)
**Temperature limited:** -40~+150℃
**Pressure range limited:** (for pressure gauge)

| Size | Minimum Limited | Maximum Limited | Membrane Size | On Request |
|---|---|---|---|---|
| 1" & 1½" | 0~6 Kg/cm² | 0~40 Kg/cm² | ø36mm | ø22mm |
| 2" | -1~1.5 Kg/cm² | 0~16 Kg/cm² | ø45mm | |

**Material:** Body– SS316 (standard); options– SS316L, Hastelloy C276, and others available on request
**Membrane:** SS316L (standard); Options– Hastelloy C276, tantalum, titanium and others on request.

### Dimensions

| Item | Description of Parts |
|---|---|
| a | Upper housing |
| b | Filing port |
| c | Membrane |
| d | Instrument connection |




### Dimensional Data

| ISO | b | D |
|---|---|---|
| 1" | 37 | 50.5 |
| 1½" | 37 | 50.5 |
| 2" | 37 | 64 |

| DIN | b | D |
|---|---|---|
| 25 | 37 | 50.5 |
| 32 | 37 | 50.5 |
| 40 | 37 | 50.5 |
| 50 | 45 | 64 |

unit=mm

### Ordering Information

| DT106 | 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 type |
|---|---|
| ISO | ISO2852 |
| DIN | DIN32676 |

| Code | Process connection rating |
|---|---|
| ISO | (1) 1" (2) 1½" (3) 2" |
| DIN | (4) 25 (5) 32 (6) 40 (7) 50 |

| Code | Body material |
|---|---|
| | (S) SS316 (0) Option |

| Code | Membrane material |
|---|---|
| | (1) SS316L (2) Hastelloy C276 (3) Tantalum (4) Option |

| Code | Pressure Range |
|---|---|
| | (0) Diaphragm seal only (R) Directly fill out pressure gauge |

| Code | Membrnae Size |
|---|---|
| | (A) ø36 (B) ø45 (C) ø22 (on request) |

| DT106 | | | | | | | | Complete ordering code |
|---|---|---|---|---|---|---|---|---|