



Flanged Connection with Dual Diaphragm

Model: DIF-S



PRODUCT DESCRIPTION

- ▼ Lower pressure ranges can be measured to meet pipeline connection needs and accuracy
- ▼ An alternative when flange diaphragm seal – “I” section type cannot be used due to lack of space
- ▼ Applicable for strict working environments including biogas, oil, gas fracking and biodiesel, etc

PRODUCT SPECIFICATION

Type of process connection
ANSI/ ASME B16.5, JIS, DIN2527

Nominal diameter
1/2", 3/4", 1", 1 1/4"

Instrument connection
1/4, 3/8, 1/2
PT, G, NPT, M

Scale ranges
Pressure gauge:
1/2", 3/4":
0 ... 4 bar to 0 ... 40 bar
1", 1 1/4":
-1 ... 3 bar,
0 ... 2.5 bar to 0 ... 40 bar
Transmitter:
1/2", 3/4":
0 ... 0.4 bar to 0 ... 40 bar
1", 1 1/4":
-1 ... 0.6 bar,
0 ... 2.5 bar to 0 ... 40 bar
or all other equivalent vacuum or
combined pressure and vacuum ranges

Material
Upper body: 304 SS, 316 SS, 316L SS,
Dual phase steel, Hastelloy C276,
Tantalum, Titanium, Monel 400, Nickel 200
Lower body: 304 SS, 316 SS, 316L SS,
Dual phase steel, Hastelloy C276,
Tantalum, Titanium, Monel 400, Nickel 200
Diaphragm: 316L SS, PTFE, Hastelloy
C276, Titanium, Tantalum, Monel 400,
Nickel 200, Silicone, Viton, PTFE,
316L+PTFE*1, 316L+PTFE Coating*2

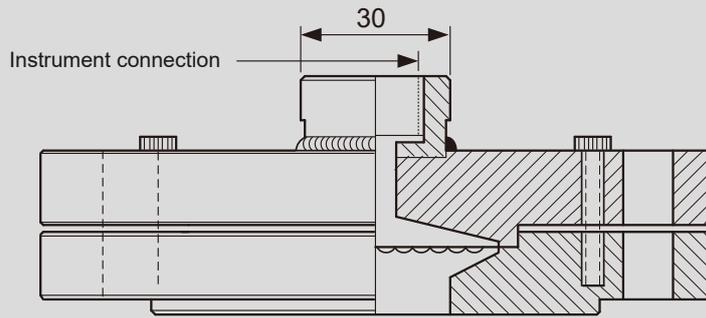
Medium temperature
0°C ... 80°C,
81°C ... 200°C,
201°C ... 400°C

Others
Welded with instrument, flush port,
coating (PTFE, PFA), lining (metal or
PTFE), capillary, cooling element

* Note:
1. When the diaphragm material is 316L with PTFE, it is not suitable for vacuum applications.
2. When the diaphragm material is 316L with PTFE coating, it must not be used in vacuum environments or for measuring media containing particles.

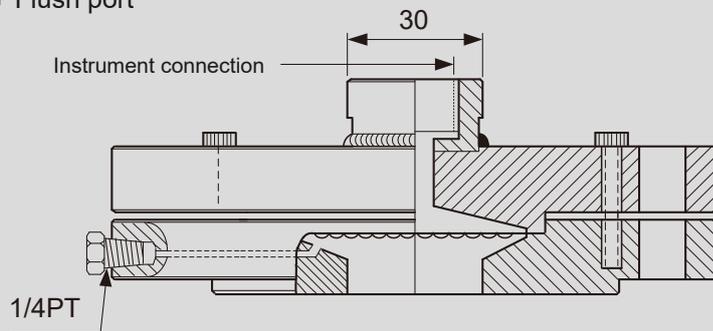
DIMENSIONS

Dual diaphragm



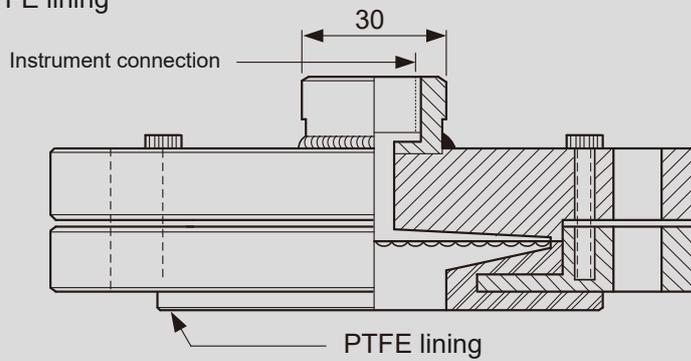
Unit: mm

Dual diaphragm + Flush port



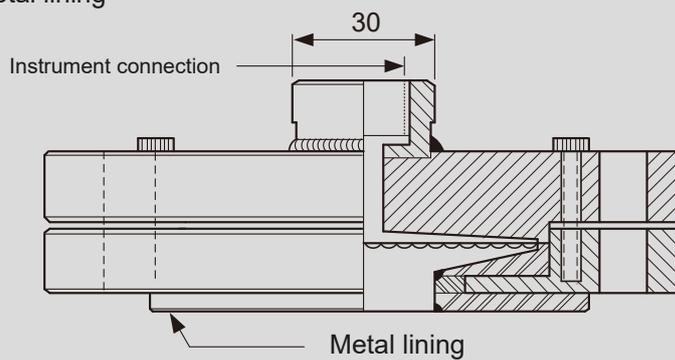
Unit: mm

Dual diaphragm + PTFE lining



Unit: mm

Dual diaphragm + Metal lining



Unit: mm



Gauging your needs!

ORDERING INFORMATION

Model / Type / Process connection / Nominal diameter / Material

Pressure gauge / Nominal size / Scale range / Medium temperature / Options

CONTACT INFORMATION

ADD : 3F.-3, No. 4, Ln. 609, Sec. 5, Chongxin Rd., Sanchong Dist., New Taipei City 241402 , Taiwan (R.O.C.)

TEL : +886-2-25504512

MAIL : info@sinjiagauge.com

WEB : www.sj-gauge.com

- For any changes to the specifications of this catalogue, the latest version shall prevail. -

Copyright © 2024 by SIN JIA ENTERPRISE CO., LTD. All rights reserved.