



**SJ DIT-CS**



**CONNECTION  
WITH  
TRIPLE DIAPHRAGM**



# Welding Tri-Clamp Diaphragm Seal for Small-size Pipeline Connections

Diaphragm seals

Model: DIT-CS

## Product Description

- Special design for small-size pipeline connections
- Enlarging the upper seat and diaphragm can ensure precision and fit different pipeline connections
- Ideal for industries such as petrochemical, chemical equipment construction, sewage treatment, paper, etc.



## Product Specification

### Diameter

70 mm, 90 mm

### Process connection

1/2", 3/4", 1", 1 1/2"

### Instrument connection

1/4", 3/8", 1/2"

PT, G, NPT, M

### Scale ranges

70 mm

Pressure gauge:

0 ... 2.5 bar to 0 ... 25 bar

Transmitter:

0 ... 0.01 bar to -1 ... 25 bar

90 mm

Pressure gauge:

-1 ... 0 bar to -1 ... 25 bar

Transmitter:

0 ... 0.01 bar to -1 ... 25 bar

or all other equivalent vacuum or

combined pressure and vacuum ranges

### Material

Body: 304 SS, 316L SS, Hastelloy C276

Diaphragm: 316L SS, Hastelloy C276

### Medium Temperature

0°C ... 80°C (standard), 81°C ... 200°C,

201°C ... 400°C

### Accessories (options)

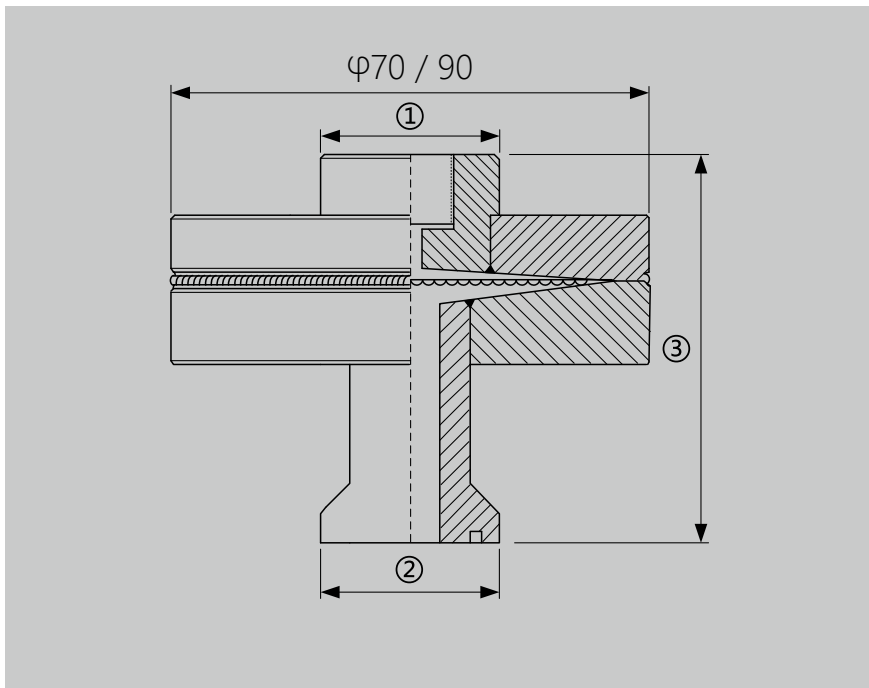
Clamp, gasket, ferrule

### Others

Welded with instrument, flush port



# Dimensions



| Dimensions (mm) |    |        |      |    |
|-----------------|----|--------|------|----|
| $\phi 70 / 90$  | ①  | ②      |      | ③  |
|                 | 28 | 1/2"   | 25.2 | 50 |
|                 | 28 | 3/4"   | 25.2 | 50 |
|                 | 28 | 1"     | 50.4 | 50 |
|                 | 28 | 1-1/2" | 50.4 | 50 |

**※ Ordering information**

Model / Diameter / Material / Medium Temperature / Connection location of pressure gauge/  
Nominal size / Scale range / Options

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

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