



Sanitary Diaphragm Seals, DIN Standard

Model: DIS-DIN



PRODUCT DESCRIPTION



Flush welded diaphragm seal to assure the best hygiene and quick cleaning



Especially designed for sanitary application such as dairy and breweries

PRODUCT SPECIFICATION

Scale ranges

Pressure gauge:

1.5":

-1 ... 5 bar, 0 ... 6 bar to 0 ... 40 bar

2", 2.5":

-1 ... 3 bar, 0 ... 4 bar to 0 ... 25 bar

3", 4":

-1 ... 1.5 bar, 0 ... 1.6 bar to 0 ... 16 bar

Transmitter:

1.5":

-1 ... 0 bar, 0 ... 0.3 bar to 0 ... 40 bar

2", 2.5":

-1 ... 0.6 bar, 0 ... 0.1 bar to 0 ... 25 bar

3", 4":

-1 ... 0.6 bar, 0 ... 0.1 bar to 0 ... 16 bar,

or all other equivalent vacuum or

combined pressure and vacuum ranges

Process connection

Female, male

1.5", 2", 2.5", 3", 4"

Instrument connection

1/4, 3/8, 1/2

PT, G, NPT, M

Material

Body:

304 SS, 316L SS, Hastelloy C276,

Tantalum, Titanium, Monel 400,

Nickel 200

Diaphragm:

316L SS, Hastelloy C276, Tantalum,

Titanium, Monel 400, Nickel 200

Medium temperature

0°C ... 80°C,

81°C ... 200°C,

201°C ... 400°C

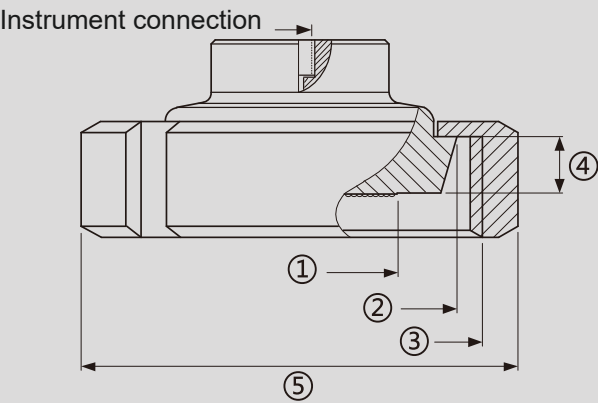
Others

Welded with instrument,

coating (PTFE or PFA)

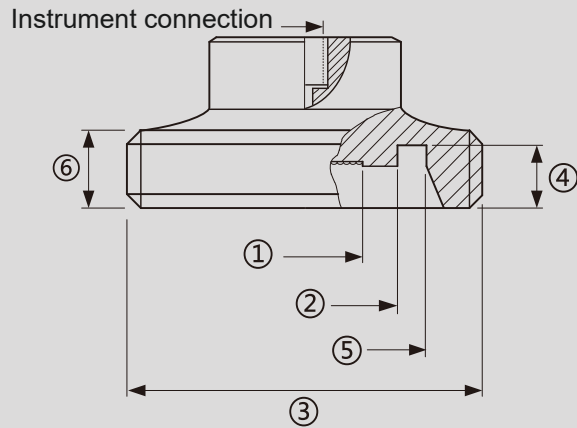
DIMENSIONS

Female



Dimensions (mm)					
Process connection	①	②	③	④	⑤
1.5"	35	56	RD 65 × 1/6	10	78
2"	48	68	RD 78 × 1/6	11	92
2.5"	58	86	RD 95 × 1/6	12	112
3"	68	100	RD 110 × 1/4	12	127
4"	88	121	RD 130 × 1/4	15	148

Male



Dimensions (mm)						
Process connection	①	②	③	④	⑤	⑥
1.5"	35	42	RD 65 × 1/6	10.5	52	15
2"	48	54	RD 78 × 1/6	10.5	64	15
2.5"	58	71	RD 95 × 1/6	11.5	81	16
3"	68	85	RD 110 × 1/4	11.5	95	20
4"	88	104	RD 130 × 1/4	13.5	114	22



Gauging your needs!

ORDERING INFORMATION

Model / Process connection / Material / Connection location / Nominal size / Scale range / Medium temperature / Options

CONTACT INFORMATION

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

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