



# Diaphragm-Type Diaphragm Seal

## Flange-Type Diaphragm Seal

Type L990.26

### Diaphragm Seals

#### Application

Process industry diaphragm seal to combine with pressure transmitters and Bourdon tube pressure gauges. Intended for corrosive, contaminated, hot or viscous pressure media.

#### Design

Flange with integral diaphragm, which requires hydraulic fluid to transmit pressure to instrument.

#### Process Connection

1/2" to 1" per ASME/ANSI B16.5 (Diaphragm recessed)

#### Instrument Connection

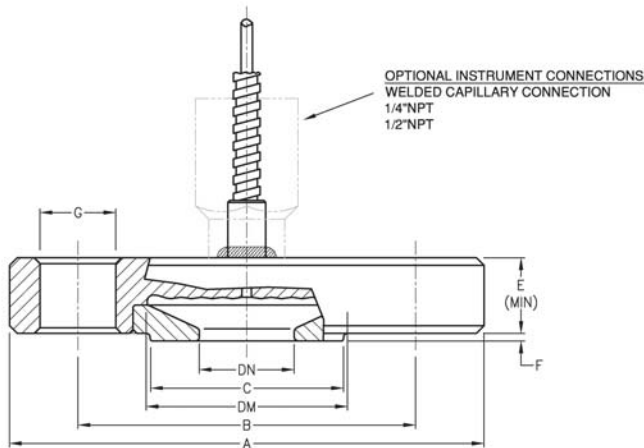
Capillary, 1/4" or 1/2" NPT-female

#### Suitable Pressure Ranges

200 inH2O to class 2500, depending on flange and diaphragm size and process conditions

#### Available Options (connections, materials, etc.)

See Selection Guide (over)



X=NUMBER OF BOLT HOLES  
 DN=NOMINAL PIPE SIZE  
 DM=EFFECTIVE DIAPHRAGM DIAMETER  
 CLASS=FLANGE RATING PER ASME B16.5  
 ALL DIMENSIONS IN INCHES UNLESS OTHERWISE NOTED

SIZE DN	CLASS	A	B	C	DM	E	F	G	X	WEIGHT lbs
1/2"	150	3.50	2.38	1.38	1.3	0.85	0.06	0.62	4	2.2
	300	3.75	2.62	1.38	1.6	0.85	0.06	0.62	4	2.2
3/4"	150	3.88	2.75	1.69	1.6	0.85	0.06	0.62	4	2.4
	300	4.62	3.25	1.69	1.6	0.85	0.06	0.75	4	3.5
1"	150	4.25	3.12	2.00	2.1	0.85	0.06	0.62	4	3.1
	300	4.88	3.50	2.00	2.1	0.85	0.06	0.75	4	3.7

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To determine the effects of temperature and response time in a specific application, contact the factory for an **Application Questionnaire**. The information provided will allow WIKA Technical Support to accurately model your application parameters using state-of-the-art computer simulation techniques.

# Selection Guide - Type L990.26

L990.26,1/4X1.0-150R,SS,SS,AXL

**Instrument Connection Location**  
AXL = Axial

**Wetted Material**

**SS = 316 stainless steel**

**MO = Monel® 400**

HB = Hastelloy® B-2

**HC = Hastelloy® C-276**

TF = 316 stainless steel, Teflon® lined (See note 2)

IN = Inconel® 600

IC = Incoloy® 825

CA = Carpenter® 20

**TA = Tantalum**

TI = Titanium, grade 2 (See note 1)

NI = Nickel 200

**Flange Material**

**SS = 316 stainless steel**

TI = Titanium, grade 2

**Flange Rating (Other facings available)**

**150R = 150#RF**

**300R = 300#RF**

XXXX = Other (Define flange connection on purchase order)

**Process Connection**

1/2 = 1/2" Pipe

3/4 = 3/4" Pipe

**1.0 = 1" Pipe**

**Instrument Connection**

1/4F = 1/4" NPT female

1/2F = 1/2" NPT female

CPL = Capillary connection (To weld capillary directly to seal)

**Diaphragm Seal Design**

Type L990.26 = Flanged Type, Flush Diaphragm

**Notes**

1. Supplied with a smooth raised face finish.
2. Max 300°F media temperature.

*Items in **bold** are available from stock (subject to prior sales). For optional items, consult factory for current lead-time.*

Options not listed may be available, please consult factory.  
Fill fluids & mounting options: please reference datasheet ACS 99.MO

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**Ordering Information:**

State computer part number (if available) / type number / size / range / connection size and location / options required.

Specifications given in this price list represent the state of engineering at the time of printing. Modifications may take place and the specified materials may change without prior notice

11/02



**WIKAL Instrument Corporation**

1000 Wiegand Boulevard

Lawrenceville, Georgia 30043-5868

Tel: 770-513-8200 Fax: 770-338-5118

<http://www.wika.com> e-mail: [chemseal@wika.com](mailto:chemseal@wika.com)