

## SS Schaffer Diaphragm Gauges

### DF Series

Schaffer Gauges work on the principle of sensing element the diaphragm. The displacement of the diaphragm is transferred via a link to the movement which rotates the pointer. These gauges are used to measure pressure of viscous fluids, gases & ideal for low pressure measurement in mbar/mmwc ranges. These gauges can be used for Hygenic Applications where the Sealed Diaphragm Gauges are a threat due to Silicon Oil leakage.

#### Pressure Measurement

Low Pressure: 400mmwc upto 6000mmwc / 600mbar

High Pressure: 1 bar upto 25 bar / kg/cm<sup>2</sup>

Available in 4" and 6" Dial Size.

Available with Thread end connection as well as Flange End.



### Specifications

#### Dial Sizes

4" (100mm) , 6" ( 150mm )

#### Case & Bezel

SS 304 Bayonet Lock Type case - IP65

#### Accuracy

+/- 1.6% F.S.D.

#### Ranges

Low Pressure: 400mmwc upto 6000mmwc / 600mbar

High Pressure: 1 bar upto 25 bar / kg/cm<sup>2</sup>

#### Diaphragm

SS316 for Ranges from 400 to 6000mmwc

Spring Steel : 1 bar to 25 bar

#### Top Flange

SS304 / SS316 (optional)

#### Bottom Flange

SS304 / SS316 (optional)

#### Connection

½" or 3/8" bsp or npt (or Flange End)

#### Mounting

Bottom Direct Mount

#### Movement

SS304

#### Window

Plexiglass / Plain Glass

#### Pointer

'0' Adjustable / Micrometer

### Options

Window: Safety Glass / Toughened Glass

Teflon Coating for Diaphragm

Other Diaphragm Material : Tantalum

Other Scales: Psi with bar or kg/cm<sup>2</sup>, mbar, mmwc, inhg, mmhg

Flange End Connections as per DIN / ASME / BS Standards

### How to Order / Inquire

Please advise the below

- 1) dial size
- 2) connection
- 3) mounting
- 4) pressure range
- 5) application media
- 6) or any other special requirement

### Applications:

Schaffer Gauges are suitable for Pharmaceutical, Chemical, Petrochemical, Oil & Gas, Refinery, Paper & Pulp, Sugar, Breweries, Food & Beverages, Cement Industries, etc