

## DIAPHRAGM PRESSURE GAUGES

### Threaded Process Connection — Welded one-piece type

#### DS170 series

#### APPLICATIONS

Diaphragm pressure gauges are used when medium is corrosive, contaminated, viscous, crystallizing or with particles. DS170 series is particularly used in chemical and petrochemical industry, mechanical engineering, plant and apparatus construction.



#### SPECIFICATIONS

<b>Instruments</b>	All series pressure gauges and pressure transmitters are available
<b>Process connection (Thread)</b>	1/4" ; 3/8" ; 1/2" ; 3/4" ; 1" PT (BSPT) / NPT, male or female thread Other connection available made-to-order. Note: Generally PF (BSP) thread is not available because the inlet hole is too small and it will be clogged with viscous or crystallizing medium.
<b>Diaphragm housing (in one body)</b>	Material: SS304 ; SS316 ; SS316L Diameter Ø70 mm standard, Ø90 mm available
<b>Diaphragm</b>	SS316L
<b>Coating (option)</b>	Teflon ; PFA
<b>Temperature</b>	medium +80°C ; ambient 10 to 60°C for medium 80~400°C or ambient below 10°C available made-to-order
<b>Filling fluid</b>	Glycerin or silicon oil standard (depends on temperature), fluorocarbon oil available
<b>Pressure ranges</b>	General type: 0 / 1 ~ 0 / 60 kg/cm <sup>2</sup> (bar), positive, negative or compound High pressure type: 0 / 70 ~ 0 / 600 kg/cm <sup>2</sup> (bar)
<b>Accessory assembly (option)</b>	Cooling fin Capillary for remote measurement (specify length of capillary when ordering)

#### HOW TO ORDER

(Please specify additionally the special custom-made specifications or option items)

