

DIAPHRAGM PRESSURE GAUGE

Flange Process Connection—Single flange type

DS300 series

APPLICATIONS

Diaphragm pressure gauges are used when medium is corrosive, contaminated, viscous, crystalline or with impurities. Flange type diaphragm seal is especially suitable for highly viscous or crystalline media, particularly used in chemical and petrochemical industry.



SPECIFICATIONS

Instruments	All series pressure gauges and pressure transmitters are available
Process Connection (Flange)	JIS 10K—1/2” ; 3/4” ; 1” ; 1-1/4” ; 1-1/2” ; 2” (FF standard ; RF optional) ANSI 150LB—1/2” ; 3/4” ; 1” ; 1-1/4” ; 1-1/2” ; 2” (RF standard ; FF optional) DIN · EN 10Bar—15 ; 20 ; 25 ; 32 ; 40 ; 50 ; 80 ; 100 GB/T 1.0Mpa—15 ; 20 ; 25 ; 32 ; 40 ; 50 ; 80 ; 100 <Other flange sizes are available upon request >
Flange Material	SUS304 ; SUS316 ; SUS316L
Diaphragm	Standard : SUS316L Option : Nickel, Teflon (PTFE), Hastelloy C, Monel, Tantalum, Titanium
Coating (option)	Teflon ; PFA
Lining (option)	Teflon ; PFA ; PVDF
Temperature	medium +80℃ ; ambient 10 to 60℃ for medium 80~400℃ or ambient below 10℃ available made-to-order
Filling Fluid	Glycerin or silicon oil standard <depends on temperature >, fluorocarbon oil available
Pressure Range	positive 0 / 2.5 ~ 0 / 60 kg/cm ² (bar), negative or compound not available <max. pressure for teflon diaphragm is 10 kg/cm ² (bar) >
Accessory (option)	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)

