

DIAPHRAGM PRESSURE GAUGES

Flange Process Connection — Single flange type

DS300 series

APPLICATIONS

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



SPECIFICATIONS

Instruments	All series pressure gauges and pressure transmitters are available
Process connection (Flange)	JIS 10K — 3/8" ; 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) DN — 25 ; 40 ; 50 ; 80 ; 100 Other flange sizes available, specify when ordering
Flange material	SS304 ; SS316 ; SS316L
Diaphragm	SS316L standard Teflon (PTFE), Hastelloy C, Monel or others available made-to-order
Coating (option)	Teflon ; PFA
Lining (option)	Teflon ; PFA ; PVDF
Temperature	medium +80°C ; ambient 10 to 60°C for medium 80~400°C or ambient below 10°C available made-to-order
Filling fluid	Glycerin or silicon oil standard (depends on temperature), fluorocarbon oil available
Pressure ranges	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 assembly (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)

