

DIAPHRAGM PRESSURE GAUGES

DS170 series



Thread Connection - Fully-welded Type

APPLICATIONS

Diaphragm pressure gauges are used when medium is corrosive, viscous, crystallizing or with particles. DS170 series adopts a welded, integrated diaphragm housing, offering an affordable price and suitable for media that does not corrode stainless steel.



SPECIFICATIONS

Applicable instrument	Analog pressure gauge; Digital pressure gauge; Pressure transmitter
Pressure range	0/1 ~ 0/60 kg/cm ² (bar)
Instrument connection	1/4" ; 3/8" ; 1/2" PT / NPT / PF(BSPP) female thread
Process connection	1/4" ; 3/8" ; 1/2" ; 3/4" ; 1" PT / NPT / PF(BSPP) male / female thread
Diaphragm Housing	Size: Ø70mm (standard) ; Ø90mm Material: SS304 ; SS316 ; SS316L
Diaphragm	SS316L
Filling fluid	Standard: Glycerin (Max.80°C); Option: Silicon oil (Max.200°C); High-temperature oil (Max.400°C)
Accessory assembly (optional)	(1) Cooling fin (2) Capillary for remote measurement (specify length of capillary when ordering) (3) Damper

HOW TO ORDER

Example: **DS170** - **F** - **4** **P** **M** - + Model No. of instrument

Diaphragm Housing	Process Connection	Thread Spec.	Thread	Option
F SS304	2 1/4"	P PT	M Male	MT Max.200°C
S SS316	3 3/8"	N NPT	F Female	HT Max.400°C
L SS316L	4 1/2"	F PF(BSPP)		CF Cooling fin
	6 3/4"	X Others		DP Damper
	8 1"			<input type="checkbox"/> M Capillary Fill in <input type="checkbox"/> with length
	X Others			