



Stainless Steel Pressure Gauge, Stainless Steel

Model: PRSS



PRODUCT DESCRIPTION

▼
For gaseous and liquid pressure media that are not highly viscous or crystallizing

▼
Liquid-filled type available to avoid hard observation from pointer vibration

▼
Ideal for food and beverage, or other process engineering industries

PRODUCT SPECIFICATION

Connection location

Bottom mount, back mount, center back mount, lower back mount, center back mount with U-clamp, with/without flange

Nominal size

2.5", 3", 4"

Scale ranges

0 ... 1 kg/cm² to 0 ... 1000 kg/cm², or other equivalent units of pressure, vacuum, or compound

Accuracy

±1.6% F.S.

±2.5% F.S. (vacuum, compound)

Process connection

316L SS

1/8, 1/4, 3/8, 1/2

PT, G, NPT, M

Case/Ring

304 SS

Window

Polycarbonate (standard), glass

Dial

Aluminum alloy, black scale on white

Pointer

Black aluminum alloy

Movement

Copper alloy

Bourdon tube

316L SS

Filling liquid

Without, glycerine, silicone oil

Accessories (option)

2.5", 4": adjustable set pointer, drag pointer

Pressure limitation

Steady: full scale value

Fluctuating: 0.9 x full scale value

Ambient temperature

-40°C ... 60°C

(unfilled or silicone oil filled)

-20°C ... 60°C

(glycerine filled)

Medium temperature

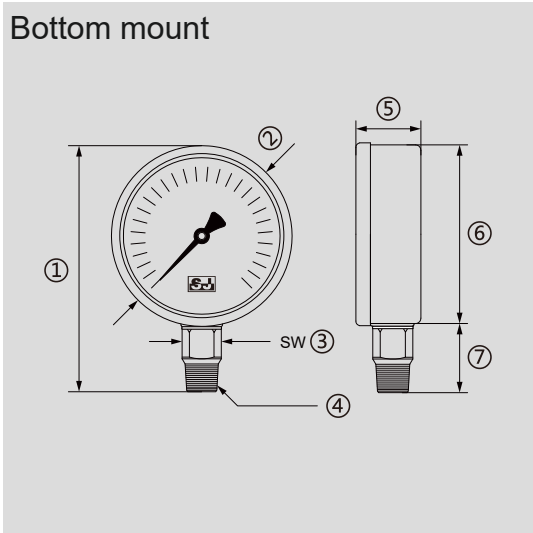
-40°C ... 150°C (unfilled)

-20°C ... 100°C (glycerine filled)

-40°C ... 100°C (silicone oil filled)

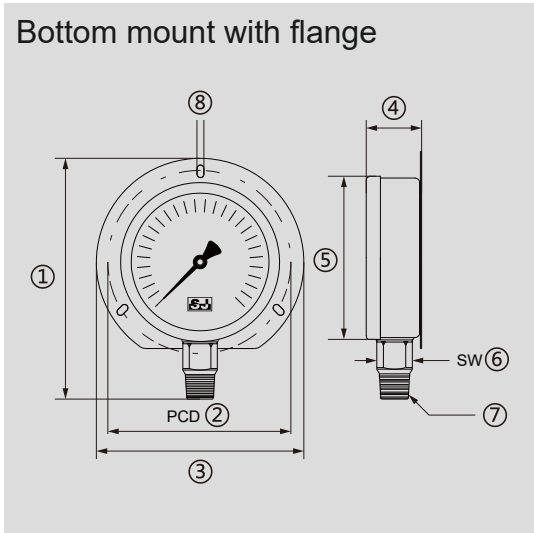
DIMENSIONS

Bottom mount



Dimensions (mm)							
NS	①	②	③	④	⑤	⑥	⑦
2.5"	92	71	14	1/4	34	63	26
3"	118.2	85.2	18	3/8	32	77.5	30
4"	140	110	22	1/2	45	98.5	38

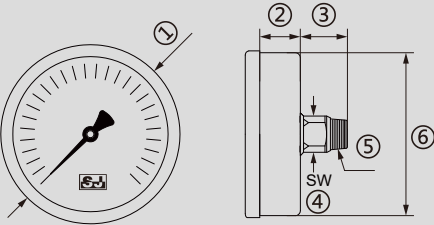
Bottom mount with flange



Dimensions (mm)								
NS	①	②	③	④	⑤	⑥	⑦	⑧
2.5"	107	82.4	99.5	34	71	14	1/4	6*4.4
3"	111.5	94	106.1	33	82.5	18	3/8	6*7.5
4"	150.5	117	130	46.5	110	22	1/2	4*3

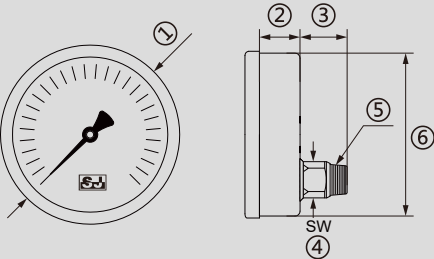
DIMENSIONS

Center back mount



Dimensions (mm)						
NS	①	②	③	④	⑤	⑥
2.5"	71	25	26	14	1/4	63.5
3"	85.1	32	30	18	3/8	77.5
4"	110	28	38	22	1/2	98.5

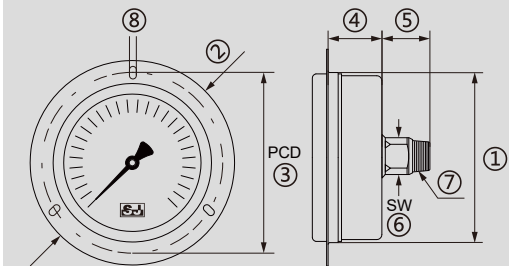
Lower back mount



Dimensions (mm)						
NS	①	②	③	④	⑤	⑥
4"	110	28	38	22	1/2	98.5

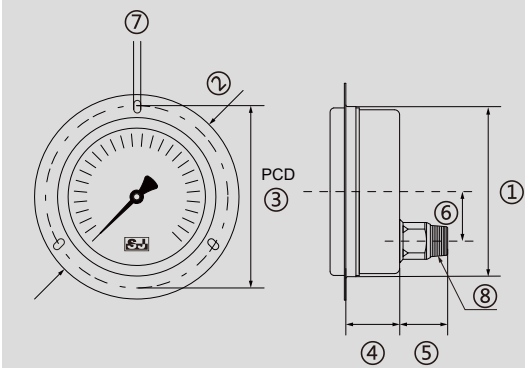
DIMENSIONS

Center back mount with flange



Dimensions (mm)								
NS	①	②	③	④	⑤	⑥	⑦	⑧
2.5"	65	87.5	80.5	25	26	14	1/4	4.5*3
3"	80	110	96	23	30	18	1/4	4.5*3
4"	101	132.5	117	28	38	22	1/2	6*3

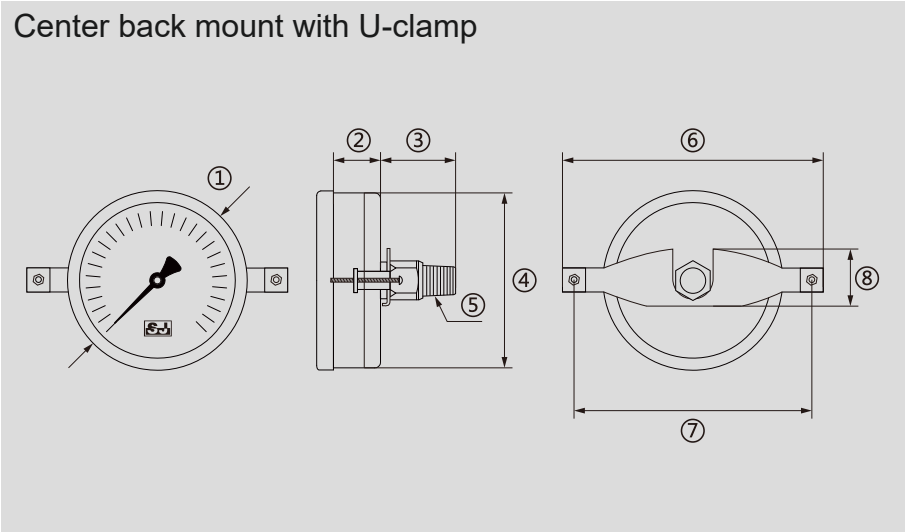
Lower back mount with flange



Dimensions (mm)								
NS	①	②	③	④	⑤	⑥	⑦	⑧
4"	101	132.5	117	30	35	22.5	8*3	1/2

DIMENSIONS

Center back mount with U-clamp



Dimensions (mm)								
NS	①	②	③	④	⑤	⑥	⑦	⑧
2.5"	71	25	26	63.5	1/4	96	88	28.5
3"	85.1	32	35	80	1/4	135	127	44
4"	110	28	38	98.5	1/2	135	127	44



Gauging your needs!

ORDERING INFORMATION

Model / Connection location / Nominal size / Scale range / Process connection / Filling liquid / Accessories / Options

CONTACT INFORMATION

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- For any changes to the specifications of this catalogue, the latest version shall prevail. -

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