



Stainless Steel Pressure Gauge, Stainless Steel Case

Model: PRS



PRODUCT DESCRIPTION

- ▼
For liquid or gaseous pressure media that will not attack copper alloy parts
- ▼
Prepared for liquid filling for applications with high dynamic pressure loads or vibrations
- ▼
Suitable for pumps, compressors, hydraulics or other indoor and outdoor applications

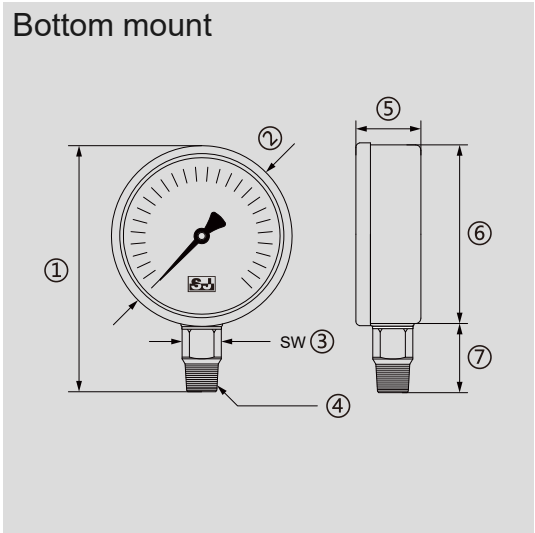
PRODUCT SPECIFICATION

Connection location Bottom mount, back mount, center back mount, lower back mount, center back mount with U-clamp, with/without flange	Pressure limitation Steady: full scale value Fluctuating: 0.9 x full scale value
Nominal size 1.5", 2", 2.5", 3", 4"	Ambient temperature -40°C ... 60°C (unfilled or silicone oil filled) -20°C ... 60°C (glycerine filled)
Scale ranges 0 ... 1 kg/cm² to 0 ... 1000 kg/cm², or other equivalent units of pressure, vacuum, or compound	Medium temperature 60°C (Max.)
Accuracy 1.5", 2": ±2% F.S. 2.5", 3", 4": ±1.6% F.S. 2.5", 3", 4": ±2.5% F.S. (vacuum, compound)	
Process connection Brass or chromium plated brass 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 Copper alloy	
Filling liquid Without, glycerine, silicone oil	
Accessories (option) 2.5", 4": adjustable set pointer, drag pointer	

The product images displayed in the catalog are illustrative, and the actual products will be customized to your requirements.

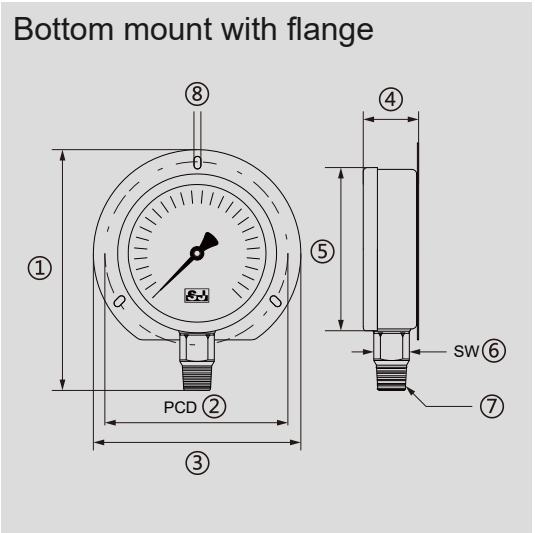
DIMENSIONS

Bottom mount



Dimensions (mm)							
NS	①	②	③	④	⑤	⑥	⑦
1.5"	60	48	12	1/8	28	41.8	16
2"	78.5	57	14	1/4	29.5	50.5	25
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

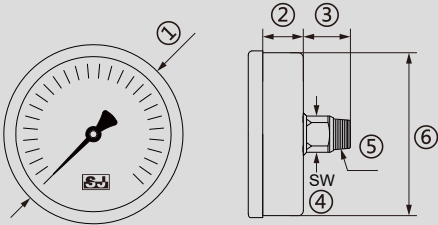
Bottom mount with flange



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

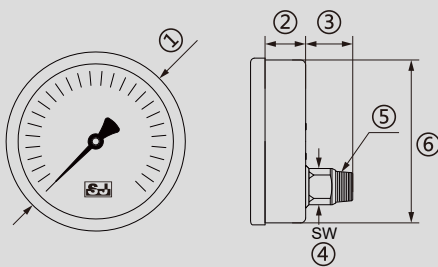
DIMENSIONS

Center back mount



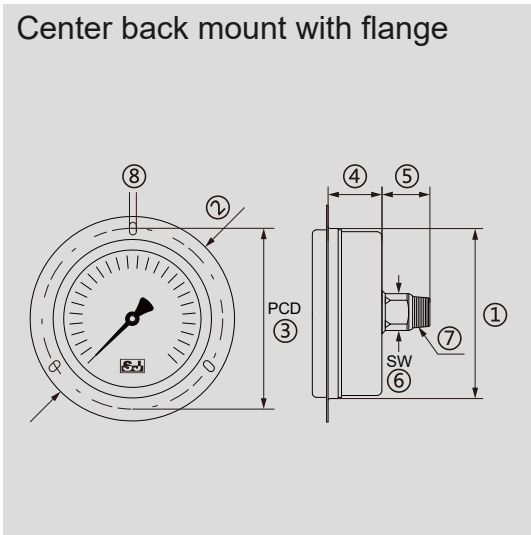
Dimensions (mm)						
NS	①	②	③	④	⑤	⑥
1.5"	48	22	16	12	1/8	41.8
2"	57	22	21	14	1/4	50.5
2.5"	71	25	26	14	1/4	63.5
3"	85.1	32	30	18	3/8	77.5
4"	110	28	38	22	1/2	98.5

Lower back mount



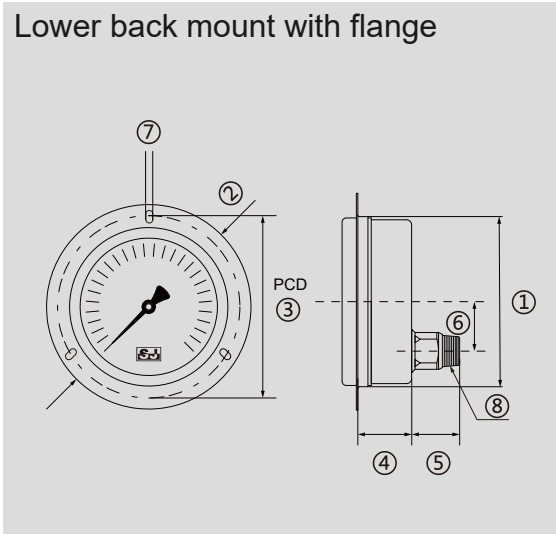
Dimensions (mm)						
NS	①	②	③	④	⑤	⑥
4"	110	28	38	22	1/2	98.5

DIMENSIONS



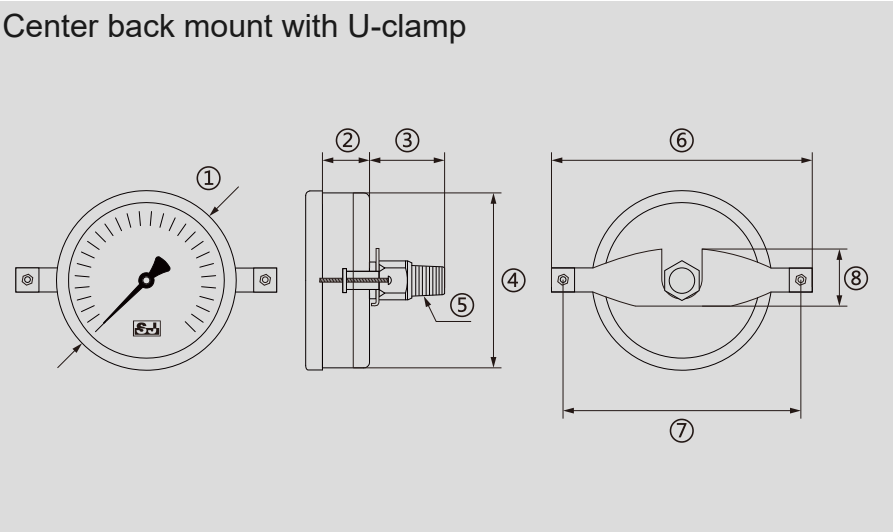
Dimensions (mm)								
NS	①	②	③	④	⑤	⑥	⑦	⑧
1.5"	44	62.7	55.5	22	16	12	1/8	4*3
2"	52.5	71.5	64.5	21	22	14	1/4	4*4
2.5"	65	87.5	80.5	25	26	14	1/4	4.5*3
3"	80	110	96	23	30	18	1/4	4.5*3
4"	101	132.5	117	28	38	22	1/2	6*3

①The width of the overlap between the edge and the shell is included.



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



Dimensions (mm)								
NS	①	②	③	④	⑤	⑥	⑦	⑧
1.5"	48	22	21	41.8	1/4	70	62	27.5
2"	57	22	21	50.5	1/4	80	72	28
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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