

Black Iron Case Pressure Gauge

Model: PRI

Product Description

- For gaseous and liquid pressure media that are not highly viscous or crystallizing
- General pressure gauge, widely used, competitive price



Fig. left: A-Bottom mount
Fig. right: BDC-Center back mount with flange

Product Specification

Nominal size

1.5", 2", 2.5"

Scale ranges

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

Accuracy

1.5", 2":

± 3/2/3% ASME B40.1 Grade B

2.5": ±1.6% F.S.

Process connection

Copper alloy

1/8", 1/4"; PT, NPT

Case/ring

Iron, black plating

Window

PC (standard), glass

Dial

Aluminum alloy, black scale on white

Pointer

Black aluminum alloy

Movement

Copper alloy

Bourdon tube

Copper alloy

Product Specification

Pressure limitation

Steady: full scale value

Fluctuating: 0.9 x full scale value

Ambient temperature

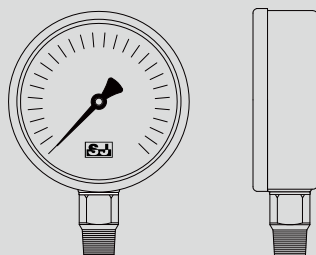
-40°C ... 60°C

Medium temperature

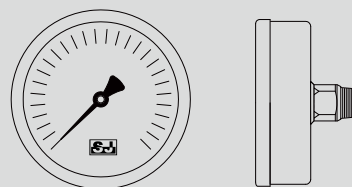
-20°C ... 60°C

Connection Location

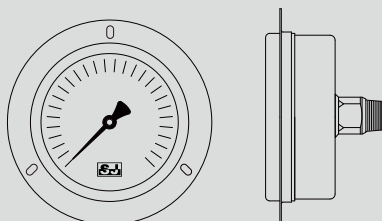
A-Bottom mount



AD-Back mount



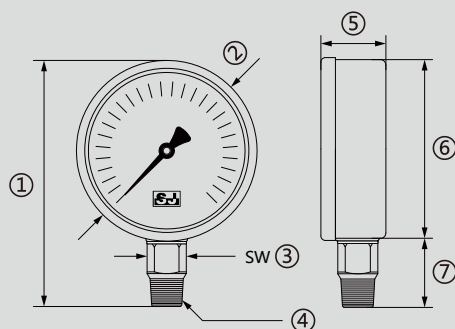
BD-Back mount with flange



Connection location			
NS	A	ADC	BDC
1.5"	V	V	-
2"	V	V	V
2.5"	V	V	V

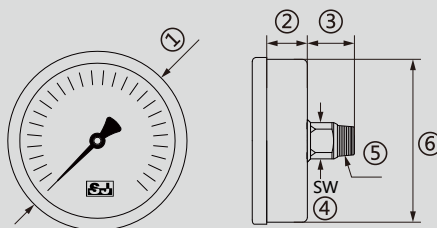
Dimensions

A-Bottom mount



Dimensions (mm)							
NS	①	②	③	④	⑤	⑥	⑦
1.5"	56.5	42.5	14	1/8"	20	41	17
2"	69.5	53	14	1/4"	23.5	51.5	18
2.5"	85	63	14	1/4"	25	62	18

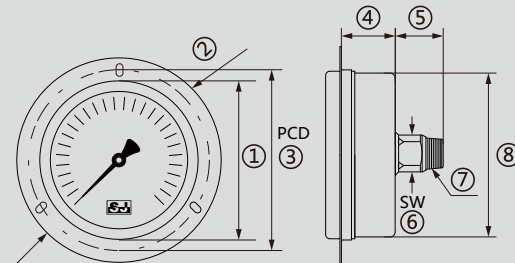
AD-Back mount



Dimensions (mm)						
NS	①	②	③	④	⑤	⑥
1.5"	42.5	21	17	11	1/8"	41
2"	53	24	18	14	1/4"	51.5
2.5"	62.3	27	18	14	1/4"	62

Dimensions

BD-Back mount with flange



Dimensions (mm)								
NS	①	②	③	④	⑤	⑥	⑦	⑧
2"	53.3	65.8	60	25	18	14	1/4"	51
2.5"	64.3	85	76.8	21	18	14	1/4"	64.3

※ **Ordering information**

Model / Connection location / Nominal size / Scale range / Process connection / Options

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

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