

## Main Specifications

## ▼Size

1.5" , 2" , 2.5" , 3.5"

## ▼Installation type

Bottom mount (A) /

Bottom mount with flange (B) /

Back mount (ADC) /

Back mount with flange (BDC) /

Back mount with U-clamp (UDC)

## ▼Window

PC / glass / Acrylic

PE gasket

## ▼Pressure connection

Material: copper alloy

Thread size:

1/8" , 1/4" , 3/8"

Thread type:

BSPT, NPT, PF

## ▼Pressure range

Gauge pressure ▼

0...1 to 28bar

Negative pressure ▼

-1...0bar / -76...0cmHg

Compound pressure ▼

-1...0 to 20bar

## ▼Applicable fluid

Liquid and gas that compatible  
with copper alloy

## ▼Ambient temperature

-40°C to +60°C

## ▼Fluid temperature

+60°C

## ▼Temperature error

Every  $\pm 12^{\circ}\text{C}$ max. error:  $\pm 0.3\%$  F.S

## ▼Protection level

IP 54

## Other Specifications

## ▼Ring material

ABS /

Steel with black enamel

## ▼Ring mount

Inside bayonet /

Outside bayonet /

Snap-in

For more information please  
refer to ring mount type-size  
table

## ▼Case material

ABS / Steel with black enamel

## ▼Pointer

Aluminum with black enamel

## ▼Dial face

Blue and black scale

Pressure unit, scale, and color

can be customized upon

request

## ▼Measuring elements

Diaphragm

Material: beryllium copper

## ▼Movement

Dampened movement

Material: copper alloy

## ▼Accuracy

 $\pm 2.5\%$  (Option:  $\pm 1.6\%$ ,  $\pm 1\%$ )

## ▼Operating pressure

Stabilization 3/4\* full scale

Fluctuation 2/3\* full scale

Impulse 1\* full scale

## Black Steel Case Shockproof Dry Pressure Gauge

### Model: SP-EPG

### Introduction

SP Series pressure gauge adopts diaphragm as measuring element to ensure great shockproof performance. SP series are suitable for high vibration frequency environment with use no oil requirement.



Due to the variety of customization, the picture is only for reference, please confirm the actual item with our sales. (If there is any change on specification, please take the latest version as standard)

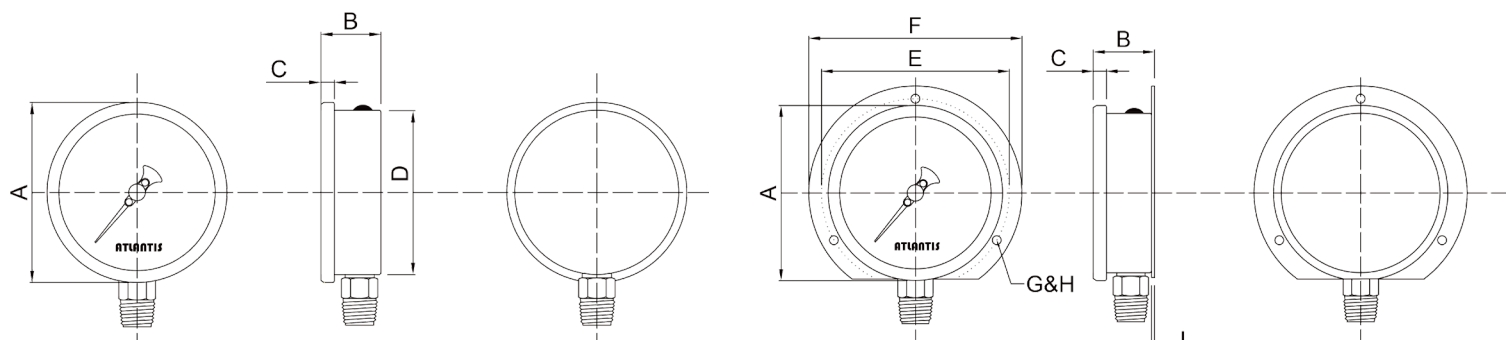
## Features

- OEM service
- Adopts diaphragm as measuring element, providing shockproof performance without filling liquid
- Dampened movement
- Instant pressure resistance
- Shatterproof performance
- Long service life

## Ring mount type-size table

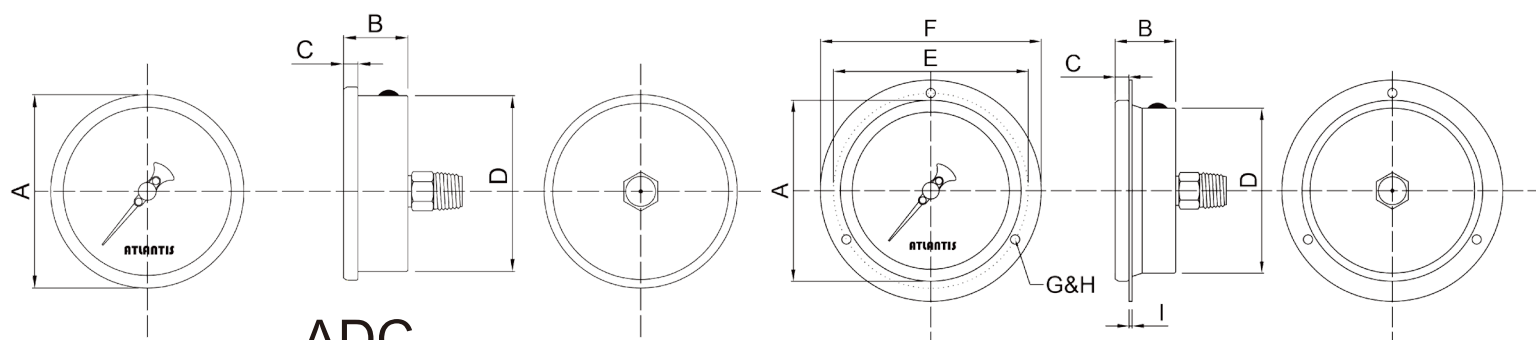
Ring mount	1.5"	2"	2.5"	3.5"
Inside bayonet		●	●	●
Outside bayonet	●	●	●	
Snap-in		●	●	

## Installation type



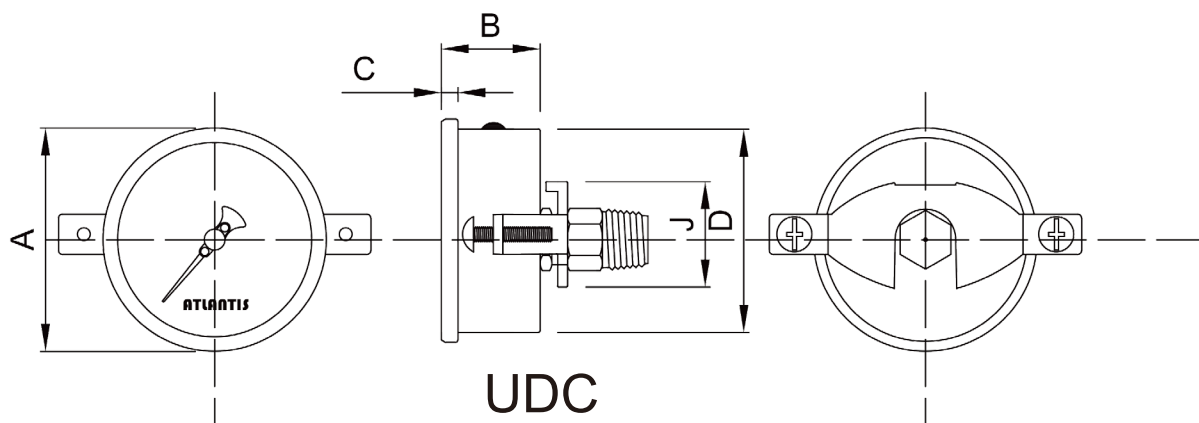
A

B



ADC

BDC



UDC

## Installation type-size table

Installation type	1.5"	2"	2.5"	3.5"
A	●	●	●	●
B				
ADC	●	●	●	
BDC		●	●	
UDC	●	●	●	

## How to order

SP-EPG Black Steel Case Shockproof Dry Pressure Gauge									
Std.	Spec.	Code	Item	Code	Item	Code	Item	Code	Item
02	Size	015	1.5"	02	2"	025	2.5"	035	3.5"
A	Installation type	A	Bottom mount	B	Bottom mount with flange	ADC	Back mount	BDC	Back mount with flange
		UDC	Back mount with U-clamp	—	—	—	—	—	—
OB	Ring mount	IB	Inside bayonet	OB	Outside bayonet	SN	Snap-in	—	—
BS	Ring & case material	BS	Steel with black enamel	ABS	Reinforced plastic	—	—	—	—
B	Connection material	B	Copper alloy	O	Others	—	—	—	—
B	Diaphragm material	B	Beryllium copper	O	Others	—	—	—	—
2	Thread size	1	1/8"	2	1/4"	3	3/8"	—	—
N	Thread type	P	BSPT	N	NPT	F	PF	O	Others
Custom	Pressure range	Gauge pressure— (0…1 to 28bar) Negative pressure— (-1…0bar) Compound pressure— (-1…0…1 to 20bar) Pressure unit (psi, bar, kPa, kg/cm2, MPa, inHg, mmHg, cmHg, etc…) & single / dual scale can be customized upon request							
B	Accuracy	A	±1%	B	±1.6%	C	±2.5%	—	—
/D	Other requests	/A	Third party notarized documents			/B	Inspection report		
		/C	Tag			/D	Customized dial (scale, color, unit, etc.)		
		/E	Install a diaphragm seal			/F	Internal stop pin for overpressure protection		
		/G	Epoxy coating			/H	Indicator (red, green, yellow)		
		/I	Peak hold pointer			/J	Silicone rubber sealed window		
		/M	Chrome-plated thread			/L	Chrome-plated ring (Only available for black steel case type)		

Order example: SP-EPG - 02 - A - OB - BS - B - B - 2 - N - (0…0.6 to 10bar) - B + /D