



113AFB40



113AEB40



Application

- ✓ Corroding gas and liquids
- ✓ Pneumatics
- ✓ Harsh or humid environments
- ✓ General purpose machineries
- ✗ Do not use directly for medias that are viscous, crystallizing and corroding stainless steel

Special Features

- ✓ Special window material: scratch-resistant, break-resistant
- ✓ Minimal Case design
- ✓ Reliable stainless steel material for wetted parts and case

Description

ZEDEYES Model 113AF is designed for pressure measurement in harsh environments where excellent material quality and economical operation are required.

Its compact, non-fillable design supports a wide range of applications, including machinery and gas-cylinder alarm indication. The SS316 case and connection are fitted with a scratch-resistant, break-resistant snap-in lens. ZEDEYES pressure gauges use geometrically balanced dial designs for clear, convenient reading.

Default Specification

Design	Nominal sizes in mm
EN 837-1	40, 50
Process Connection	
SS316 NS 40: 1/8 NPT NS 50: 1/4 NPT	Bottom connection: 113AFL Center back connection: 113AFB
Temperature Effect	Pressure Limitations
$\pm 0.035 \times (t_2 - t_1) \% \text{ of the span}$ t_1 is the Reference temperature in degrees celsius. t_2 is the Ambient temperature in degrees celsius.	Steady: 75% of full scale Fluctuating: 65% of full scale Over-Pressure: 100% of full scale
Scale Range	Permissible Temperature
0...1 bar to 600 bar Vacuum & compound ranges	Ambient: -30...+60 °C Medium: +95 °C Maximum
Accuracy	Pressure Element
NS 40: 2.5% of full scale NS 50: 1.6% of full scale	SS316
Pressure units	Pointer
bar/psi	Aluminum, Black
Window	
Snap-in lens, Break-resistant, Scratch-resistant	
Ingress Protection	Dial
IP54	Aluminum
Case & Wetted parts	Movement
SS316, non-fillable design	Stainless steel

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Options

- ✓ Other pressure units
- ✓ Requested dial design
- ✓ Requested process connections other than stated in the table

Variation

113AFB40



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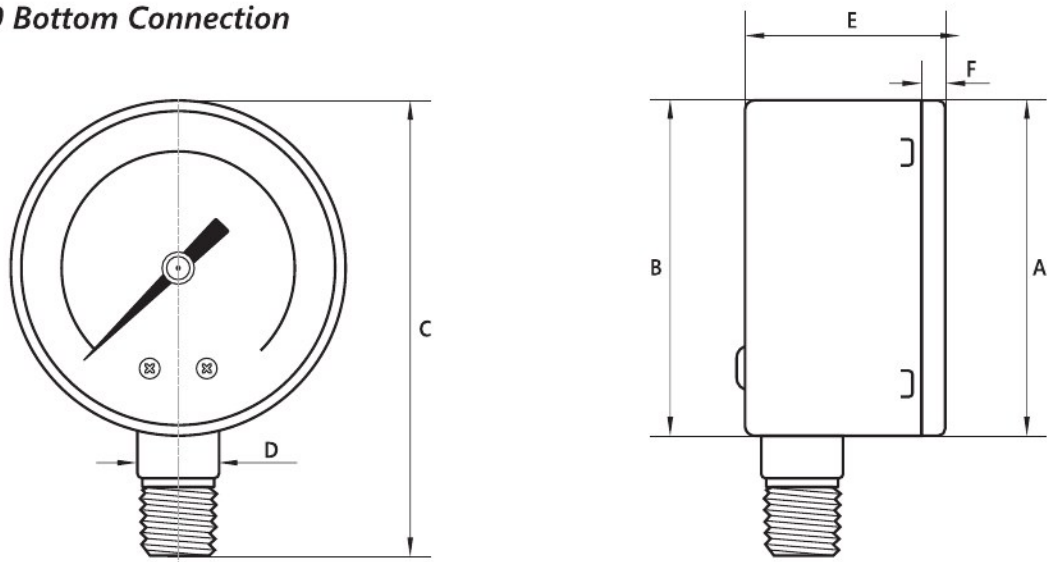
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113AEB40



Dimensions (in mm)

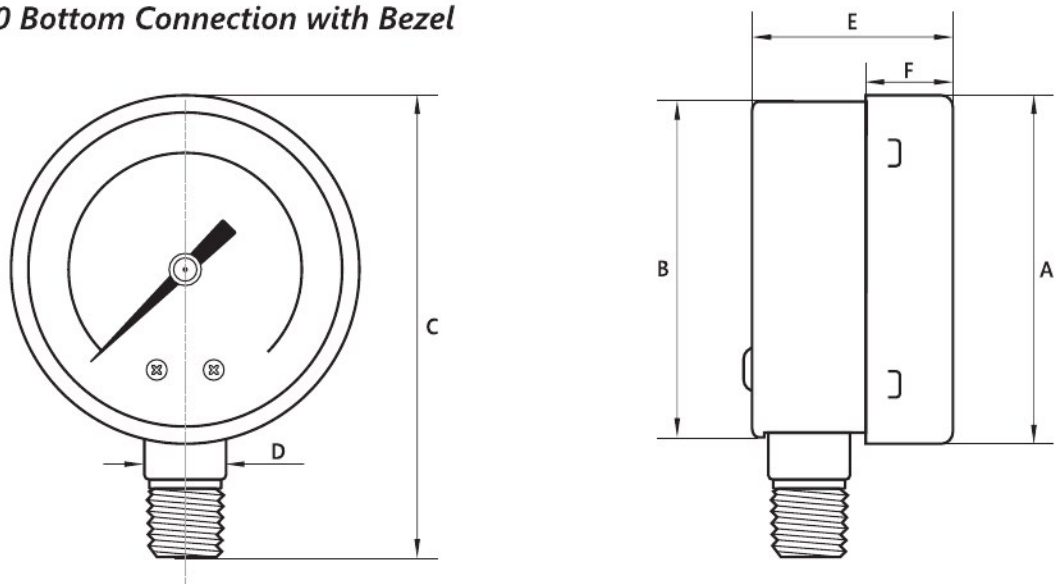
■ DS 40, 50 Bottom Connection



113AFL

Nominal Size	A	B	C	D	E	F	KG
40	41.5	41.5	58.5	11	25	2.5	0.056
50	49.5	49.5	71	14	27.5	3.5	0.095

■ DS 40, 50 Bottom Connection with Bezel

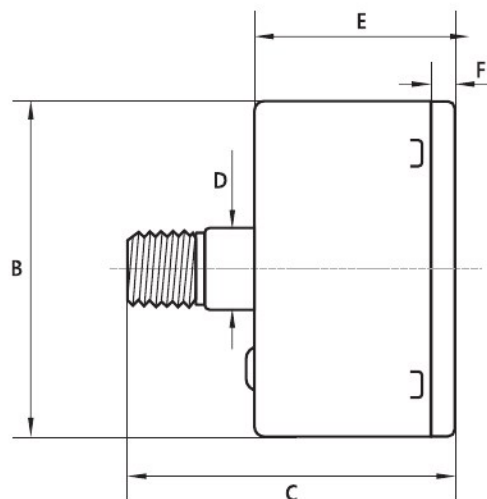
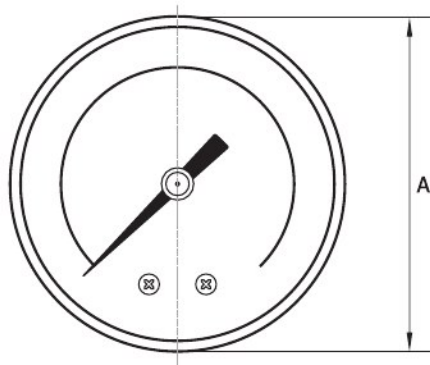


113AEL

Nominal Size	A	B	C	D	E	F	KG
40	43	41.5	59	11	25.5	10.5	0.062
50	51	49.5	71.5	14	29	12	0.1

Dimensions (in mm)

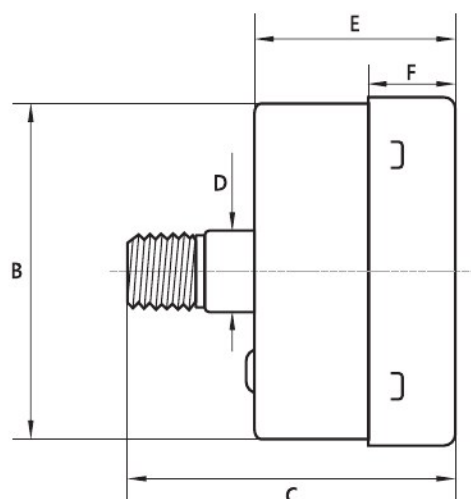
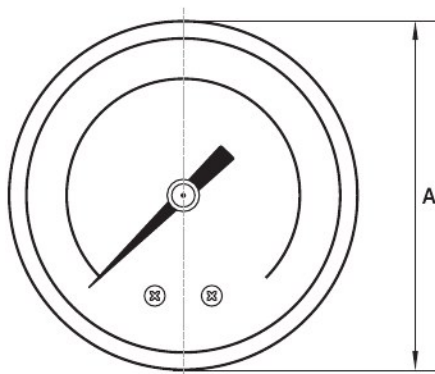
■ DS 40, 50 Center Back Connection



113AFB

Nominal Size	A	B	C	D	E	F	KG
40	41.5	41.5	42.5	11	25.5	2.5	0.059
50	49.5	49.5	48	14	27.5	3.5	0.094

■ DS 40, 50 Center Back Connection with bezel



113AEB

Nominal Size	A	B	C	D	E	F	KG
40	43	41.5	43	11	26	10	0.064
50	51	49.5	48.5	14	28	12	0.103

Thread Type	Code
NPT	N
BSPP (G)	B
BSPT	Z
Metric	M

Thread Size	Code
1/4	4
1/8	8
for metric sizes write the number	M20×1.5

How To Order

	Product Group Name	Model	Mounting	Nominal Size	Thread Type	Thread size	Scale Range	Options
Example:	Compact Stainless Steel gauge	113AF	B	40	N	8	0...16bar-psi	-

Or simply order by item number on the basis of your previous purchase:

Zedeyes
SHARP EYES. PRECISE INSTRUMENTS.

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