



# PRESSURE GAUGES

Premium Quality Instrumentation for diverse industrial applications



Right products  
For the right job



## CATALOG INDEX

# Explore the range

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# Explore the range

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# Confidence in every reading

Calibration records and traceability for your application

## Specify the documentation you need

Discuss calibration and NIST traceability requirements when ordering. Confirm service availability and the certificate scope for the selected gauge.

## What calibration establishes

Calibration compares a gauge reading with a reference at defined pressure points. The results document the indication error and measurement uncertainty under the stated conditions. Adjustment, when performed, is a separate step.

## What NIST traceability means

A measurement result is metrologically traceable when it is linked to a stated reference through a documented, unbroken chain of calibrations, each contributing to measurement uncertainty. A traceability claim should identify the reference and supporting records.

## Details to specify with your request

|                          |                                                                            |
|--------------------------|----------------------------------------------------------------------------|
| <b>Gauge and range</b>   | Series, full SKU, pressure units and serial identification.                |
| <b>Calibration scope</b> | Pressure points, increasing/decreasing cycles and required uncertainty.    |
| <b>Certificate</b>       | Results, reference standards, traceability statement and calibration date. |

Reference: NIST Policy on Metrological Traceability

## ABOUT CARBO INSTRUMENTS

# The right gauge for the job.

Practical choices. Personal details. Everyday value.



## A clear purpose

Every application starts with a question: which gauge is right for the job? At CARBO Instruments, that question guides our approach to pressure measurement.

Our range brings together liquid-filled, dry, all-stainless and specialty gauges, with dial options that can carry your own brand. From choosing a pressure range to planning a custom dial, our focus is on matching the product to the work it needs to do.

### OUR PROMISE

**The right products. For the right job. At the right value.**

# Choose the right gauge

Start with the process, then match the gauge to the installation.

## 01 Process media

Identify the gas or liquid. Match the wetted parts to the specific media; case material alone does not establish media compatibility.

## 02 Working pressure

Record normal pressure, peaks and pulsation. Select an appropriate full-scale range and check the model limits.

## 03 Accuracy

Define the accuracy the task needs. Check the series accuracy specification and whether calibration is required.

## 04 Dial and visibility

Choose a dial that can be read at the installed distance. Check available space, scale units and lighting.

## 05 Connection

Match thread type, size and location. Confirm lower or back mount, and allow clearance for installation and reading.

## 06 Environment

Check temperature, vibration, moisture and exposure. Select the case material and fill suited to those conditions.

## Pressure range planning

General selection guidance: normal operation within 25%-75% of full scale, with a lower working limit for pulsating service. Confirm the permitted operating range for the selected model.

# Read the product code

A practical example: L25-SSL-100

|                       |                        |                   |                   |                     |
|-----------------------|------------------------|-------------------|-------------------|---------------------|
| <b>L</b><br>FILL TYPE | <b>25</b><br>DIAL SIZE | <b>SS</b><br>CASE | <b>L</b><br>MOUNT | <b>100</b><br>RANGE |
|-----------------------|------------------------|-------------------|-------------------|---------------------|

Liquid-filled gauge / 2-1/2 Inch dial / stainless steel case / lower mount / 0-100 psi

## 1. Fill and size

L = Liquid filled  
D = Dry  
DC = Dry capsule

15 = 1-1/2 Inch    20 = 2 Inch  
25 = 2-1/2 Inch    40 = 4 Inch  
60 = 6 Inch

## 2. Case and connection

SS = Stainless steel  
CS = Chrome Plated Steel  
BS = Black steel  
P = Plastic

L = Lower mount  
B = Back mount

## 3. Positive pressure ranges

015 = 0-15 psi  
100 = 0-100 psi  
600 = 0-600 psi  
1.0K = 0-1,000 psi  
1.5K = 0-1,500 psi

## 4. Vacuum and compound

L25-SSL examples:  
V00 = -30 inHg to 0  
V15 = -30 inHg to 15 psi  
V100 = -30 inHg to 100 psi

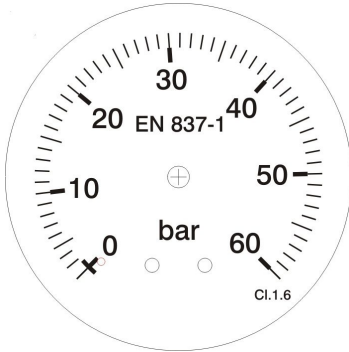
Confirm the exact code in the series table.

Vacuum examples follow the L25-SSL series code. Specialty and all-stainless series can use additional letters; consult the relevant series datasheet for the complete ordering code.

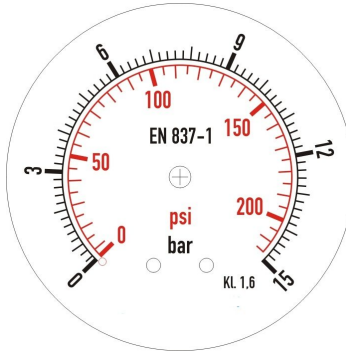
## DIAL OPTIONS / CUSTOM DESIGN

# Your brand. Your dial.

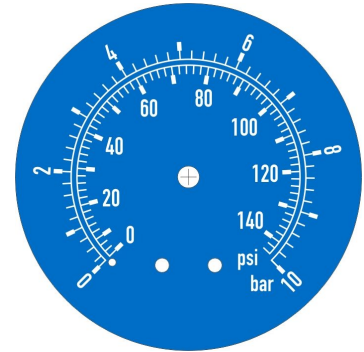
Explore a wide choice of dial designs, including customer-branded options.



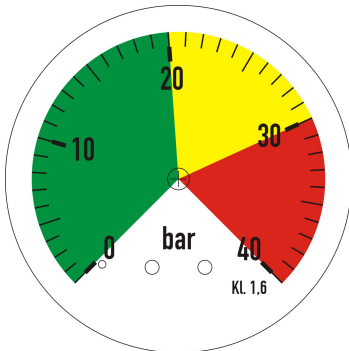
**Single scale**



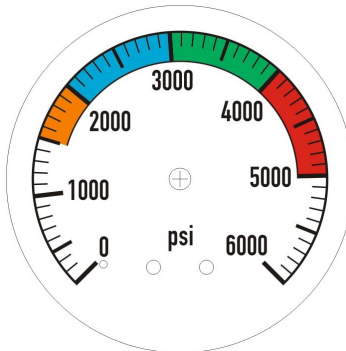
**Dual scale**



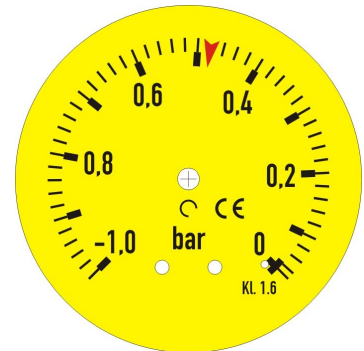
**Contrast face**



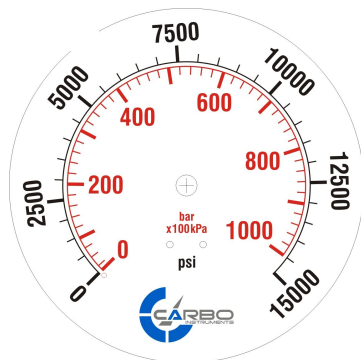
**Colored sectors**



**Range bands**



**Vacuum scale**



## Make it your own

Add your company logo and brand identity to the dial. Discuss your preferred colors, scale layout, units and operating-zone markings with our team.

**CUSTOMER LOGOS / COLORS / SCALE LAYOUTS**

Shown designs illustrate the variety of dial artwork. Custom configurations depend on the selected gauge and application; contact us to discuss your requirements.

# PRODUCT FAMILY / LIQUID-FILLED

## L15-SSL & L15-SSCB

1-1/2 Inch dial | Lower and center back connections

### 1-1/2 Inch

Lower mount



### L15-SSL

Lower mount

### L15-SSCB

Center back mount

|                       |                                    |                                      |
|-----------------------|------------------------------------|--------------------------------------|
| Case material         | Stainless steel                    | Stainless steel                      |
| Wetted parts          | Brass / copper alloys              | Brass / copper alloys                |
| Fill and scales       | Liquid filled / scale per model    | Glycerin / silicone option / psi-bar |
| Connection / accuracy | 1/8 in NPT / $\pm 3-2-3\%$ of span | 1/8 in NPT / $\pm 3-2-3\%$ of span   |

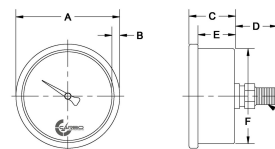
L15-SSCB: polycarbonate window / -20 to 60 °C ambient.

## Dimensions / inches

Lower mount

Center back mount

Dimensions available on request.



| SERIES   | A    | B    | C  | D   | E    | F    | G       |
|----------|------|------|----|-----|------|------|---------|
| L15-SSL  | --   | --   | -- | --  | --   | --   | --      |
| L15-SSCB | 1.85 | 0.18 | 1  | 0.8 | 0.85 | 1.62 | 1/8 NPT |

Drawings not to scale. Accuracy shown as a percentage of span.

## PRODUCT FAMILY / ORDERING

# L15-SSL & L15-SSCB

Exact full part numbers and pressure ranges

| PRESSURE RANGE      | L15-SSL      | L15-SSCB      |
|---------------------|--------------|---------------|
| 0-15 psi            | L15-SSL-015  | L15-SSCB-015  |
| 0-30 psi            | L15-SSL-030  | L15-SSCB-030  |
| 0-60 psi            | L15-SSL-060  | L15-SSCB-060  |
| 0-100 psi           | L15-SSL-100  | L15-SSCB-100  |
| 0-160 psi           | L15-SSL-160  | L15-SSCB-160  |
| 0-200 psi           | L15-SSL-200  | L15-SSCB-200  |
| 0-300 psi           | L15-SSL-300  | L15-SSCB-300  |
| 0-400 psi           | L15-SSL-400  | L15-SSCB-400  |
| 0-600 psi           | L15-SSL-600  | L15-SSCB-600  |
| 0-1,000 psi         | L15-SSL-1.0K | L15-SSCB-1.0K |
| 0-1,500 psi         | L15-SSL-1.5K | L15-SSCB-1.5K |
| 0-2,000 psi         | L15-SSL-2.0K | L15-SSCB-2.0K |
| 0-3,000 psi         | L15-SSL-3.0K | L15-SSCB-3.0K |
| 0-4,000 psi         | L15-SSL-4.0K | L15-SSCB-4.0K |
| 0-5,000 psi         | L15-SSL-5.0K | L15-SSCB-5.0K |
| 0-6,000 psi         | L15-SSL-6.0K | L15-SSCB-6.0K |
| 0-10,000 psi        | L15-SSL-10K  | L15-SSCB-10K  |
| 0-15,000 psi        | L15-SSL-15K  | L15-SSCB-15K  |
| -30 inHg to 0       | L15-SSL-V00  | L15-SSCB-V00  |
| -30 inHg to 15 psi  | L15-SSL-V15  | L15-SSCB-V15  |
| -30 inHg to 30 psi  | L15-SSL-V30  | L15-SSCB-V30  |
| -30 inHg to 60 psi  | L15-SSL-V60  | L15-SSCB-V60  |
| -30 inHg to 100 psi | L15-SSL-V100 | L15-SSCB-V100 |
| -30 inHg to 160 psi | L15-SSL-V160 | L15-SSCB-V160 |
| -30 inHg to 250 psi | L15-SSL-V250 | L15-SSCB-V250 |

Contact us for additional ranges and configurations.

# PRODUCT FAMILY / LIQUID-FILLED

## L20-SSL & L20-SSCB

2 Inch dial | Lower and center back connections



**L20-SSL**

Lower mount



**L20-SSCB**

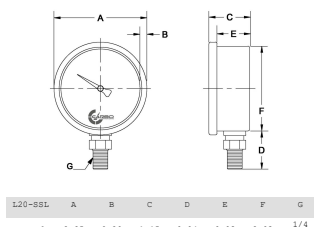
Center back mount

|                       |                                                        |                                                        |
|-----------------------|--------------------------------------------------------|--------------------------------------------------------|
| Case material         | Stainless steel                                        | Stainless steel                                        |
| Wetted parts          | Brass / copper alloys                                  | Brass / copper alloys                                  |
| Fill and scales       | Glycerin / silicone option / psi-bar                   | Glycerin / silicone option / psi-bar                   |
| Connection / accuracy | 1/4 in NPT / ASME B40.1 Grade A; $\pm 2-1-2\%$ of span | 1/4 in NPT / ASME B40.1 Grade A; $\pm 2-1-2\%$ of span |

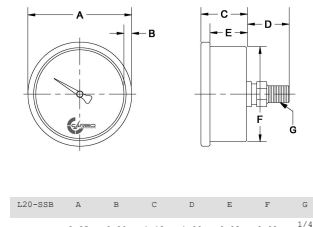
Polycarbonate window / -20 to 60 °C ambient.

## Dimensions / inches

Lower mount



Center back mount



| SERIES   | A    | B    | C    | D    | E    | F    | G       |
|----------|------|------|------|------|------|------|---------|
| L20-SSL  | 2.25 | 0.20 | 1.15 | 0.94 | 0.93 | 2.03 | 1/4 NPT |
| L20-SSCB | 2.25 | 0.20 | 1.13 | 1.00 | 0.93 | 2.03 | 1/4 NPT |

Drawings not to scale. Accuracy shown as a percentage of span.

## PRODUCT FAMILY / ORDERING

# L20-SSL & L20-SSCB

Exact full part numbers and pressure ranges

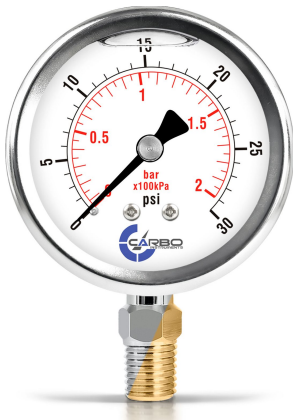
| PRESSURE RANGE      | L20-SSL      | L20-SSCB      |
|---------------------|--------------|---------------|
| 0-15 psi            | L20-SSL-015  | L20-SSCB-015  |
| 0-30 psi            | L20-SSL-030  | L20-SSCB-030  |
| 0-60 psi            | L20-SSL-060  | L20-SSCB-060  |
| 0-100 psi           | L20-SSL-100  | L20-SSCB-100  |
| 0-160 psi           | L20-SSL-160  | L20-SSCB-160  |
| 0-200 psi           | L20-SSL-200  | L20-SSCB-200  |
| 0-300 psi           | L20-SSL-300  | L20-SSCB-300  |
| 0-400 psi           | L20-SSL-400  | L20-SSCB-400  |
| 0-600 psi           | L20-SSL-600  | L20-SSCB-600  |
| 0-1,000 psi         | L20-SSL-1.0K | L20-SSCB-1.0K |
| 0-1,500 psi         | L20-SSL-1.5K | L20-SSCB-1.5K |
| 0-2,000 psi         | L20-SSL-2.0K | L20-SSCB-2.0K |
| 0-3,000 psi         | L20-SSL-3.0K | L20-SSCB-3.0K |
| 0-4,000 psi         | L20-SSL-4.0K | L20-SSCB-4.0K |
| 0-5,000 psi         | L20-SSL-5.0K | L20-SSCB-5.0K |
| 0-6,000 psi         | L20-SSL-6.0K | L20-SSCB-6.0K |
| 0-10,000 psi        | L20-SSL-10K  | --            |
| 0-15,000 psi        | L20-SSL-15K  | --            |
| -30 inHg to 0       | L20-SSL-V00  | L20-SSCB-V00  |
| -30 inHg to 15 psi  | L20-SSL-V15  | --            |
| -30 inHg to 30 psi  | L20-SSL-V30  | L20-SSCB-V30  |
| -30 inHg to 60 psi  | L20-SSL-V60  | --            |
| -30 inHg to 160 psi | L20-SSL-V160 | --            |

Contact us for additional ranges and configurations.

## L25 / LIQUID-FILLED PRESSURE GAUGES

# L25-SSL & L25-SSCB

2-1/2 Inch dial | Stainless steel case | Brass and copper alloy wetted parts



**L25-SSL**

Lower mount



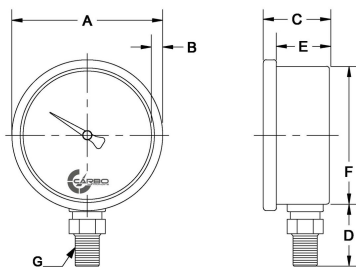
**L25-SSCB**

Center back mount

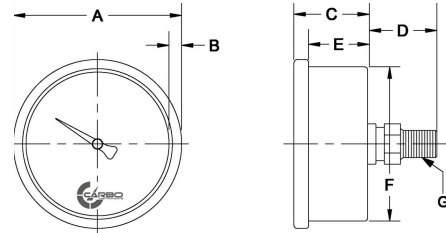
|                     |                                                                  |
|---------------------|------------------------------------------------------------------|
| Shared construction | 63 mm nominal dial / stainless steel case / polycarbonate window |
| Fill and scales     | Glycerin or silicone / psi; secondary scale bar                  |
| Connection          | 1/4 in NPT / chrome plated brass                                 |
| Accuracy / ambient  | ASME B40.1 Grade A; $\pm 2-1-2\%$ of span / -20 to 60 °C         |

## Dimensions / inches

Lower mount



Center back mount



| SERIES   | A    | B    | C    | D    | E    | F    | G       |
|----------|------|------|------|------|------|------|---------|
| L25-SSL  | 2.65 | 0.22 | 1.15 | 1.00 | 0.95 | 2.42 | 1/4 NPT |
| L25-SSCB | 2.65 | 0.22 | 1.15 | 1.09 | 0.95 | 2.42 | 1/4 NPT |

Drawings not to scale. Confirm current dimensions and media compatibility before ordering.

## L25 / SKU AND PRESSURE SELECTION

# Choose the range

Exact full part numbers for L25-SSL and L25-SSCB

| PRESSURE RANGE      | L25-SSL      | L25-SSCB      |
|---------------------|--------------|---------------|
| 0-15 psi            | L25-SSL-015  | L25-SSCB-015  |
| 0-30 psi            | L25-SSL-030  | L25-SSCB-030  |
| 0-60 psi            | L25-SSL-060  | L25-SSCB-060  |
| 0-100 psi           | L25-SSL-100  | L25-SSCB-100  |
| 0-160 psi           | L25-SSL-160  | L25-SSCB-160  |
| 0-200 psi           | L25-SSL-200  | L25-SSCB-200  |
| 0-300 psi           | L25-SSL-300  | L25-SSCB-300  |
| 0-400 psi           | L25-SSL-400  | L25-SSCB-400  |
| 0-600 psi           | L25-SSL-600  | L25-SSCB-600  |
| 0-1,000 psi         | L25-SSL-1.0K | L25-SSCB-1.0K |
| 0-1,500 psi         | L25-SSL-1.5K | L25-SSCB-1.5K |
| 0-2,000 psi         | L25-SSL-2.0K | L25-SSCB-2.0K |
| 0-3,000 psi         | L25-SSL-3.0K | L25-SSCB-3.0K |
| 0-4,000 psi         | L25-SSL-4.0K | L25-SSCB-4.0K |
| 0-5,000 psi         | L25-SSL-5.0K | L25-SSCB-5.0K |
| 0-6,000 psi         | L25-SSL-6.0K | L25-SSCB-6.0K |
| 0-10,000 psi        | L25-SSL-10K  | L25-SSCB-10K  |
| 0-15,000 psi        | L25-SSL-15K  | L25-SSCB-15K  |
| -30 inHg to 0       | L25-SSL-V00  | L25-SSCB-V00  |
| -30 inHg to 15 psi  | L25-SSL-V15  | L25-SSCB-V15  |
| -30 inHg to 30 psi  | L25-SSL-V30  | L25-SSCB-V30  |
| -30 inHg to 60 psi  | L25-SSL-V60  | L25-SSCB-V60  |
| -30 inHg to 100 psi | L25-SSL-V100 | L25-SSCB-V100 |
| -30 inHg to 160 psi | L25-SSL-V160 | L25-SSCB-V160 |
| -30 inHg to 250 psi | L25-SSL-V250 | L25-SSCB-V250 |

Vacuum and compound models use inHg for the vacuum portion. Part numbers and dimensions follow the supplied L25-SSL and L25-SSCB datasheets.

# PRODUCT FAMILY / LIQUID-FILLED

## L40-SSL & L40-SSCB

4 Inch dial | Lower and center back connections



**L40-SSL**

Lower mount



**L40-SSCB**

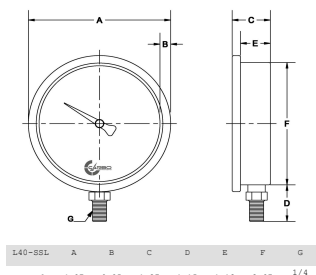
Center back mount

|                       |                                      |                                      |
|-----------------------|--------------------------------------|--------------------------------------|
| Case material         | Stainless steel                      | Stainless steel                      |
| Wetted parts          | Brass / copper alloys                | Brass / copper alloys                |
| Fill and scales       | Glycerin / silicone option / psi-bar | Glycerin / silicone option / psi-bar |
| Connection / accuracy | 1/4 in NPT / Grade A; +/-2-1-2%      | 1/4 in NPT / Grade A; +/-2-1-2%      |

Polycarbonate window / -20 to 60 °C ambient.

## Dimensions / inches

Lower mount



Center back mount

Dimensions available on request.

| SERIES   | A    | B    | C    | D    | E    | F    | G       |
|----------|------|------|------|------|------|------|---------|
| L40-SSL  | 4.27 | 0.25 | 1.37 | 1.15 | 1.13 | 3.87 | 1/4 NPT |
| L40-SSCB | --   | --   | --   | --   | --   | --   | --      |

Drawings not to scale. Accuracy shown as a percentage of span.

## PRODUCT FAMILY / ORDERING

# L40-SSL & L40-SSCB

Exact full part numbers and pressure ranges

| PRESSURE RANGE      | L40-SSL      | L40-SSCB      |
|---------------------|--------------|---------------|
| 0-15 psi            | L40-SSL-015  | L40-SSCB-015  |
| 0-30 psi            | L40-SSL-030  | L40-SSCB-030  |
| 0-60 psi            | L40-SSL-060  | L40-SSCB-060  |
| 0-100 psi           | L40-SSL-100  | L40-SSCB-100  |
| 0-160 psi           | L40-SSL-160  | L40-SSCB-160  |
| 0-200 psi           | L40-SSL-200  | L40-SSCB-200  |
| 0-300 psi           | L40-SSL-300  | L40-SSCB-300  |
| 0-400 psi           | L40-SSL-400  | L40-SSCB-400  |
| 0-600 psi           | L40-SSL-600  | L40-SSCB-600  |
| 0-1,000 psi         | L40-SSL-1.0K | L40-SSCB-1.0K |
| 0-1,500 psi         | L40-SSL-1.5K | L40-SSCB-1.5K |
| 0-2,000 psi         | L40-SSL-2.0K | L40-SSCB-2.0K |
| 0-3,000 psi         | L40-SSL-3.0K | L40-SSCB-3.0K |
| 0-4,000 psi         | L40-SSL-4.0K | L40-SSCB-4.0K |
| 0-5,000 psi         | L40-SSL-5.0K | L40-SSCB-5.0K |
| 0-6,000 psi         | L40-SSL-6.0K | L40-SSCB-6.0K |
| 0-10,000 psi        | L40-SSL-10K  | L40-SSCB-10K  |
| 0-15,000 psi        | L40-SSL-15K  | L40-SSCB-15K  |
| -30 inHg to 0       | L40-SSL-V00  | L40-SSCB-V00  |
| -30 inHg to 15 psi  | L40-SSL-V15  | L40-SSCB-V15  |
| -30 inHg to 30 psi  | L40-SSL-V30  | L40-SSCB-V30  |
| -30 inHg to 60 psi  | L40-SSL-V60  | L40-SSCB-V60  |
| -30 inHg to 160 psi | L40-SSL-V160 | L40-SSCB-V160 |

Contact us for additional ranges and configurations.

# PRODUCT FAMILY / LIQUID-FILLED

## L25-ASSL & L25-ASSB

2-1/2 Inch dial | Lower and center back connections



**L25-ASSL** Lower mount



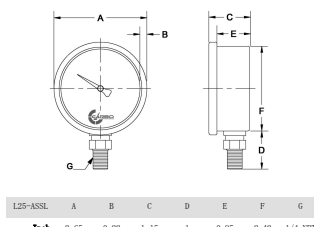
**L25-ASSB** Center back mount

|                       |                                                        |                                                        |
|-----------------------|--------------------------------------------------------|--------------------------------------------------------|
| Case material         | 316 stainless steel                                    | 316 stainless steel                                    |
| Wetted parts          | 316 stainless steel                                    | 316 stainless steel                                    |
| Fill and scales       | Glycerin / silicone option / psi-bar                   | Glycerin / silicone option / psi-bar                   |
| Connection / accuracy | 1/4 in NPT / ASME B40.1 Grade A; $\pm 2-1-2\%$ of span | 1/4 in NPT / ASME B40.1 Grade A; $\pm 2-1-2\%$ of span |

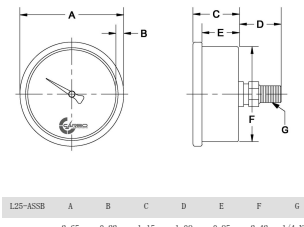
Polycarbonate window / -20 to 60 °C ambient.

## Dimensions / inches

Lower mount



Center back mount



| SERIES   | A    | B    | C    | D    | E    | F    | G       |
|----------|------|------|------|------|------|------|---------|
| L25-ASSL | 2.65 | 0.22 | 1.15 | 1    | 0.95 | 2.42 | 1/4 NPT |
| L25-ASSB | 2.65 | 0.22 | 1.15 | 1.09 | 0.95 | 2.42 | 1/4 NPT |

Drawings not to scale. Accuracy shown as a percentage of span.

## PRODUCT FAMILY / ORDERING

# L25-ASSL & L25-ASSB

Exact full part numbers and pressure ranges

| PRESSURE RANGE      | L25-ASSL      | L25-ASSB      |
|---------------------|---------------|---------------|
| 0-15 psi            | L25-ASSL-015  | L25-ASSB-015  |
| 0-30 psi            | L25-ASSL-030  | L25-ASSB-030  |
| 0-60 psi            | L25-ASSL-060  | L25-ASSB-060  |
| 0-100 psi           | L25-ASSL-100  | L25-ASSB-100  |
| 0-160 psi           | L25-ASSL-160  | L25-ASSB-160  |
| 0-200 psi           | L25-ASSL-200  | L25-ASSB-200  |
| 0-300 psi           | L25-ASSL-300  | L25-ASSB-300  |
| 0-400 psi           | L25-ASSL-400  | L25-ASSB-400  |
| 0-600 psi           | L25-ASSL-600  | L25-ASSB-600  |
| 0-1,000 psi         | L25-ASSL-1.0K | L25-ASSB-1.0K |
| 0-1,500 psi         | L25-ASSL-1.5K | L25-ASSB-1.5K |
| 0-2,000 psi         | L25-ASSL-2.0K | L25-ASSB-2.0K |
| 0-3,000 psi         | L25-ASSL-3.0K | L25-ASSB-3.0K |
| 0-4,000 psi         | L25-ASSL-4.0K | L25-ASSB-4.0K |
| 0-5,000 psi         | L25-ASSL-5.0K | L25-ASSB-5.0K |
| 0-6,000 psi         | L25-ASSL-6.0K | L25-ASSB-6.0K |
| 0-10,000 psi        | L25-ASSL-10K  | L25-ASSB-10K  |
| 0-15,000 psi        | L25-ASSL-15K  | L25-ASSB-15K  |
| -30 inHg to 0       | L25-ASSL-V00  | L25-ASSB-V00  |
| -30 inHg to 15 psi  | L25-ASSL-V15  | L25-ASSB-V15  |
| -30 inHg to 30 psi  | L25-ASSL-V30  | L25-ASSB-V30  |
| -30 inHg to 60 psi  | L25-ASSL-V60  | L25-ASSB-V60  |
| -30 inHg to 160 psi | L25-ASSL-V160 | L25-ASSB-V160 |

Contact us for additional ranges and configurations.

# PRODUCT FAMILY / DRY PRESSURE GAUGES

## D15-CSL & D15-CSB

1-1/2 Inch dial | Lower and center back connections



**D15-CSL**

Lower mount



**D15-CSB**

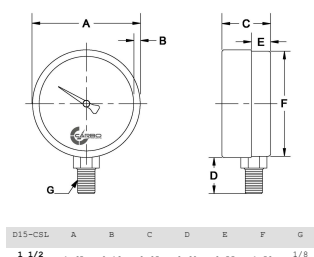
Center back mount

|                       |                                 |                                 |
|-----------------------|---------------------------------|---------------------------------|
| Case material         | Chrome plated steel             | Chrome plated steel             |
| Wetted parts          | Brass / copper alloys           | Brass / copper alloys           |
| Fill and scales       | Dry / psi-bar                   | Dry / psi-bar                   |
| Connection / accuracy | 1/8 in NPT / Grade C; +/-4-3-4% | 1/8 in NPT / Grade C; +/-4-3-4% |

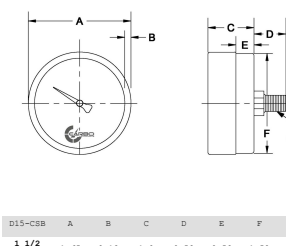
Glass window / -20 to 60 °C ambient.

## Dimensions / inches

Lower mount



Center back mount



| SERIES  | A    | B    | C    | D    | E    | F    | G       |
|---------|------|------|------|------|------|------|---------|
| D15-CSL | 1.65 | 0.12 | 0.95 | 0.60 | 0.55 | 1.58 | 1/8 NPT |
| D15-CSB | 1.65 | 0.12 | 1.0  | 0.58 | 0.58 | 1.58 | 1/8 NPT |

Drawings not to scale. Accuracy shown as a percentage of span.

## PRODUCT FAMILY / ORDERING

# D15-CSL & D15-CSB

Exact full part numbers and pressure ranges

| PRESSURE RANGE     | D15-CSL      | D15-CSB      |
|--------------------|--------------|--------------|
| 0-15 psi           | D15-CSL-015  | D15-CSB-015  |
| 0-30 psi           | D15-CSL-030  | D15-CSB-030  |
| 0-60 psi           | D15-CSL-060  | D15-CSB-060  |
| 0-100 psi          | D15-CSL-100  | D15-CSB-100  |
| 0-160 psi          | D15-CSL-160  | D15-CSB-160  |
| 0-200 psi          | D15-CSL-200  | D15-CSB-200  |
| 0-300 psi          | D15-CSL-300  | D15-CSB-300  |
| 0-400 psi          | D15-CSL-400  | D15-CSB-400  |
| 0-600 psi          | D15-CSL-600  | D15-CSB-600  |
| 0-1,000 psi        | D15-CSL-1.0K | D15-CSB-1.0K |
| 0-1,500 psi        | D15-CSL-1.5K | D15-CSB-1.5K |
| 0-2,000 psi        | D15-CSL-2.0K | D15-CSB-2.0K |
| 0-3,000 psi        | D15-CSL-3.0K | D15-CSB-3.0K |
| 0-4,000 psi        | D15-CSL-4.0K | D15-CSB-4.0K |
| 0-5,000 psi        | D15-CSL-5.0K | D15-CSB-5.0K |
| 0-6,000 psi        | D15-CSL-6.0K | D15-CSB-6.0K |
| 0-10,000 psi       | D15-CSL-10K  | D15-CSB-10K  |
| -30 inHg to 0      | D15-CSL-V00  | D15-CSB-V00  |
| -30 inHg to 30 psi | D15-CSL-V30  | D15-CSB-V30  |

Contact us for additional ranges and configurations.

# PRODUCT FAMILY / DRY PRESSURE GAUGES

## D20-CSL & D20-CSB

2 Inch dial | Lower and center back connections



**D20-CSL**

Lower mount



**D20-CSB**

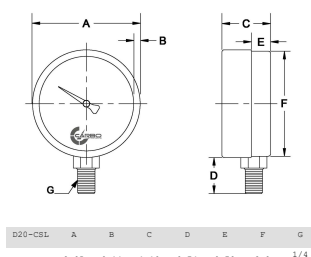
Center back mount

|                       |                                 |                                 |
|-----------------------|---------------------------------|---------------------------------|
| Case material         | Chrome plated steel             | Chrome plated steel             |
| Wetted parts          | Brass / copper alloys           | Brass / copper alloys           |
| Fill and scales       | Dry / psi-bar                   | Dry / psi-bar                   |
| Connection / accuracy | 1/4 in NPT / Grade B; +/-3-2-3% | 1/4 in NPT / Grade B; +/-3-2-3% |

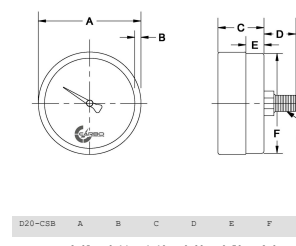
Glass window / -20 to 60 °C ambient.

## Dimensions / inches

Lower mount



Center back mount



| SERIES  | A    | B    | C    | D    | E    | F   | G       |
|---------|------|------|------|------|------|-----|---------|
| D20-CSL | 2.05 | 0.14 | 1.10 | 0.74 | 0.70 | 2.0 | 1/4 NPT |
| D20-CSB | 2.05 | 0.14 | 1.10 | 0.80 | 0.70 | 2.0 | 1/4 NPT |

Drawings not to scale. Accuracy shown as a percentage of span.

## PRODUCT FAMILY / ORDERING

# D20-CSL & D20-CSB

Exact full part numbers and pressure ranges

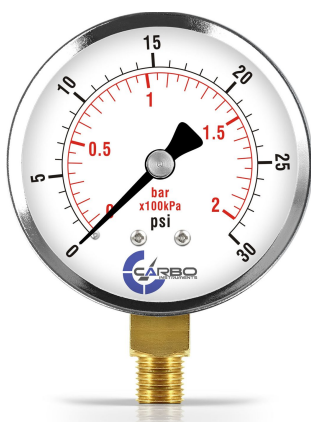
| PRESSURE RANGE     | D20-CSL      | D20-CSB      |
|--------------------|--------------|--------------|
| 0-15 psi           | D20-CSL-015  | D20-CSB-015  |
| 0-30 psi           | D20-CSL-030  | D20-CSB-030  |
| 0-60 psi           | D20-CSL-060  | D20-CSB-060  |
| 0-100 psi          | D20-CSL-100  | D20-CSB-100  |
| 0-160 psi          | D20-CSL-160  | D20-CSB-160  |
| 0-200 psi          | D20-CSL-200  | D20-CSB-200  |
| 0-300 psi          | D20-CSL-300  | D20-CSB-300  |
| 0-400 psi          | D20-CSL-400  | D20-CSB-400  |
| 0-600 psi          | D20-CSL-600  | D20-CSB-600  |
| 0-1,000 psi        | D20-CSL-1.0K | D20-CSB-1.0K |
| 0-1,500 psi        | D20-CSL-1.5K | D20-CSB-1.5K |
| 0-2,000 psi        | D20-CSL-2.0K | D20-CSB-2.0K |
| 0-3,000 psi        | D20-CSL-3.0K | D20-CSB-3.0K |
| 0-4,000 psi        | D20-CSL-4.0K | D20-CSB-4.0K |
| 0-5,000 psi        | D20-CSL-5.0K | D20-CSB-5.0K |
| 0-6,000 psi        | D20-CSL-6.0K | D20-CSB-6.0K |
| 0-10,000 psi       | D20-CSL-10K  | D20-CSB-10K  |
| -30 inHg to 0      | D20-CSL-V00  | D20-CSB-V00  |
| -30 inHg to 30 psi | D20-CSL-V30  | D20-CSB-V30  |

Contact us for additional ranges and configurations.

# PRODUCT FAMILY / DRY PRESSURE GAUGES

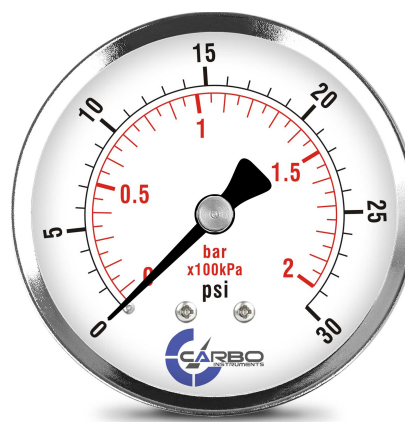
## D25-CSL & D25-CSB

2-1/2 Inch dial | Lower and center back connections



**D25-CSL**

Lower mount



**D25-CSB**

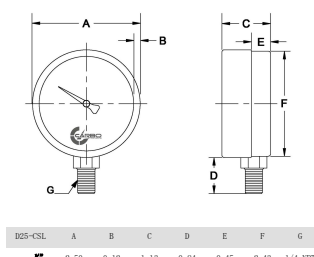
Center back mount

|                       |                                 |                                 |
|-----------------------|---------------------------------|---------------------------------|
| Case material         | Chrome plated steel             | Chrome plated steel             |
| Wetted parts          | Brass / copper alloys           | Brass / copper alloys           |
| Fill and scales       | Dry / psi-bar                   | Dry / psi-bar                   |
| Connection / accuracy | 1/4 in NPT / Grade B; +/-3-2-3% | 1/4 in NPT / Grade B; +/-3-2-3% |

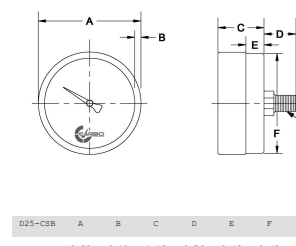
Glass window / -20 to 60 °C ambient.

## Dimensions / inches

Lower mount



Center back mount



| SERIES  | A    | B    | C    | D    | E    | F    | G       |
|---------|------|------|------|------|------|------|---------|
| D25-CSL | 2.50 | 0.12 | 1.13 | 0.84 | 0.45 | 2.43 | 1/4 NPT |
| D25-CSB | 2.50 | 0.12 | 1.13 | 0.76 | 0.45 | 2.43 | 1/4 NPT |

Drawings not to scale. Accuracy shown as a percentage of span.

## PRODUCT FAMILY / ORDERING

# D25-CSL & D25-CSB

Exact full part numbers and pressure ranges

| PRESSURE RANGE      | D25-CSL      | D25-CSB      |
|---------------------|--------------|--------------|
| 0-15 psi            | D25-CSL-015  | D25-CSB-015  |
| 0-30 psi            | D25-CSL-030  | D25-CSB-030  |
| 0-60 psi            | D25-CSL-060  | D25-CSB-060  |
| 0-100 psi           | D25-CSL-100  | D25-CSB-100  |
| 0-160 psi           | D25-CSL-160  | D25-CSB-160  |
| 0-200 psi           | D25-CSL-200  | D25-CSB-200  |
| 0-300 psi           | D25-CSL-300  | D25-CSB-300  |
| 0-400 psi           | D25-CSL-400  | D25-CSB-400  |
| 0-600 psi           | D25-CSL-600  | D25-CSB-600  |
| 0-1,000 psi         | D25-CSL-1.0K | D25-CSB-1.0K |
| 0-1,500 psi         | D25-CSL-1.5K | D25-CSB-1.5K |
| 0-2,000 psi         | D25-CSL-2.0K | D25-CSB-2.0K |
| 0-3,000 psi         | D25-CSL-3.0K | D25-CSB-3.0K |
| 0-4,000 psi         | D25-CSL-4.0K | D25-CSB-4.0K |
| 0-5,000 psi         | D25-CSL-5.0K | D25-CSB-5.0K |
| 0-6,000 psi         | D25-CSL-6.0K | D25-CSB-6.0K |
| -30 inHg to 0       | D25-CSL-V00  | D25-CSB-V00  |
| -30 inHg to 15 psi  | D25-CSL-V15  | D25-CSB-V15  |
| -30 inHg to 30 psi  | D25-CSL-V30  | D25-CSB-V30  |
| -30 inHg to 60 psi  | D25-CSL-V60  | D25-CSB-V60  |
| -30 inHg to 100 psi | D25-CSL-V100 | D25-CSB-V100 |
| -30 inHg to 160 psi | D25-CSL-V160 | D25-CSB-V160 |

Contact us for additional ranges and configurations.

## DRY PRESSURE GAUGE

# D25-BSL

2-1/2 Inch | Lower mount



## 2-1/2 Inch

63 mm nominal dial

### Steel case

Brass and copper alloy wetted parts

Dry gauge construction.

|                     |                            |
|---------------------|----------------------------|
| Nominal dial        | 2-1/2 Inch (63 mm)         |
| Connection          | 1/4 in NPT / lower mount   |
| Case                | Black coated steel         |
| Wetted parts        | Brass and copper alloys    |
| Pressure scale      | psi; secondary scale bar   |
| Fill                | Dry                        |
| Window              | Glass lens                 |
| Accuracy            | Grade B; +/-3-2-3% of span |
| Ambient temperature | -20 to 60 °C               |

For compatible gases and liquids that are not corrosive to the brass and copper alloy wetted parts.

## DRY PRESSURE GAUGE

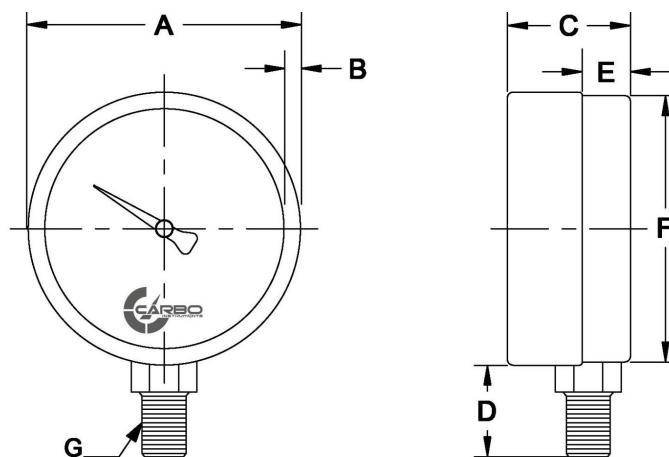
# D25-BSL / Ordering

Part numbers and pressure ranges

| SKU / PART NUMBER | PRESSURE         |
|-------------------|------------------|
| D25-BSL-V00       | -30 inHg Vacuum  |
| D25-BSL-V30       | -30 inHg / 30psi |
| D25-BSL-015       | 15 psi           |
| D25-BSL-030       | 30 psi           |
| D25-BSL-060       | 60 psi           |
| D25-BSL-100       | 100 psi          |
| D25-BSL-160       | 160 psi          |
| D25-BSL-200       | 200 psi          |
| D25-BSL-300       | 300 psi          |

| SKU / PART NUMBER | PRESSURE |
|-------------------|----------|
| D25-BSL-400       | 400 psi  |
| D25-BSL-600       | 600 psi  |
| D25-BSL-1.0K      | 1000 psi |
| D25-BSL-1.5K      | 1500 psi |
| D25-BSL-2.0K      | 2000 psi |
| D25-BSL-3.0K      | 3000 psi |
| D25-BSL-4.0K      | 4000 psi |
| D25-BSL-5.0K      | 5000 psi |
| D25-BSL-6.0K      | 6000 psi |

## Dimensions / inches



| D25-BSL | A    | B    | C    | D    | E    | F    | G       |
|---------|------|------|------|------|------|------|---------|
| 2 1/2"  | 2.50 | 0.12 | 1.13 | 0.84 | 0.45 | 2.43 | 1/4 NPT |

Drawing not to scale. Confirm current dimensions and installation clearances before ordering.

# PRODUCT FAMILY / DRY PRESSURE GAUGES

## D40-CSL & D40-CSB

4 Inch dial | Lower and center back connections



### 4 Inch

Center back mount

### D40-CSL

Lower mount

### D40-CSB

Center back mount

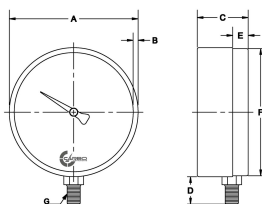
|                       |                                 |                       |
|-----------------------|---------------------------------|-----------------------|
| Case material         | Chrome plated steel             | --                    |
| Wetted parts          | Brass / copper alloys           | --                    |
| Fill and scales       | Dry / psi-bar                   | Dry / scale per model |
| Connection / accuracy | 1/4 in NPT / Grade B; +/-3-2-3% | 1/4 in NPT / --       |

D40-CSL: glass window / -20 to 60 °C ambient.

## Dimensions / inches

Lower mount

Center back mount



| D40-CSL | A | B    | C    | D    | E    | F    | G       |
|---------|---|------|------|------|------|------|---------|
|         | 4 | 0.19 | 1.55 | 1.14 | 0.65 | 3.83 | 1/4 NPT |

Dimensions available on request.

| SERIES  | A  | B    | C    | D    | E    | F    | G       |
|---------|----|------|------|------|------|------|---------|
| D40-CSL | 4  | 0.19 | 1.55 | 1.14 | 0.65 | 3.83 | 1/4 NPT |
| D40-CSB | -- | --   | --   | --   | --   | --   | --      |

Drawings not to scale. Accuracy shown as a percentage of span.

## PRODUCT FAMILY / ORDERING

# D40-CSL & D40-CSB

Exact full part numbers and pressure ranges

| PRESSURE RANGE     | D40-CSL      | D40-CSB      |
|--------------------|--------------|--------------|
| 0-15 psi           | D40-CSL-015  | D40-CSB-015  |
| 0-30 psi           | D40-CSL-030  | D40-CSB-030  |
| 0-60 psi           | D40-CSL-060  | D40-CSB-060  |
| 0-100 psi          | D40-CSL-100  | D40-CSB-100  |
| 0-160 psi          | D40-CSL-160  | D40-CSB-160  |
| 0-200 psi          | D40-CSL-200  | D40-CSB-200  |
| 0-300 psi          | D40-CSL-300  | D40-CSB-300  |
| 0-400 psi          | D40-CSL-400  | D40-CSB-400  |
| 0-600 psi          | D40-CSL-600  | D40-CSB-600  |
| 0-1,000 psi        | D40-CSL-1.0K | D40-CSB-1.0K |
| 0-1,500 psi        | D40-CSL-1.5K | D40-CSB-1.5K |
| 0-2,000 psi        | D40-CSL-2.0K | D40-CSB-2.0K |
| 0-3,000 psi        | D40-CSL-3.0K | D40-CSB-3.0K |
| 0-4,000 psi        | D40-CSL-4.0K | D40-CSB-4.0K |
| 0-5,000 psi        | D40-CSL-5.0K | D40-CSB-5.0K |
| 0-6,000 psi        | D40-CSL-6.0K | D40-CSB-6.0K |
| 0-10,000 psi       | D40-CSL-10K  | D40-CSB-10K  |
| -30 inHg to 0      | D40-CSL-V00  | D40-CSB-V00  |
| -30 inHg to 30 psi | D40-CSL-V30  | D40-CSB-V30  |

Contact us for additional ranges and configurations.

**SPECIALTY / FUEL PRESSURE GAUGES**

# L15-SSF

1-1/2 Inch dial | Single scale psi | Glycerine filled



## Compact and clear

304 stainless steel case with crimped ring.  
Chrome plated brass connection and polycarbonate window.

Back and lower mount options. White and black dial versions as listed on the ordering page.

|                   |                                     |
|-------------------|-------------------------------------|
| <b>Dial</b>       | 1-1/2 Inch / single scale psi       |
| <b>Accuracy</b>   | ±3-2-3% of span                     |
| <b>Fill</b>       | Glycerine                           |
| <b>Case</b>       | 304 stainless steel / crimped ring  |
| <b>Connection</b> | 1/8 in NPT / chrome plated brass    |
| <b>Mounting</b>   | Back or lower / select the full SKU |
| <b>Window</b>     | Polycarbonate                       |
| <b>Included</b>   | PTFE thread-seal tape               |

**SPECIALTY / FUEL PRESSURE GAUGES**

# L15-SSF / Ordering

Choose the range, dial color and connection location

| SKU / PART NUMBER    | PRESSURE  | DIAL  | MOUNT |
|----------------------|-----------|-------|-------|
| <b>L15-SSF-015W</b>  | 0-15 psi  | White | Back  |
| <b>L15-SSF-030W</b>  | 0-30 psi  | White | Back  |
| <b>L15-SSF-060W</b>  | 0-60 psi  | White | Back  |
| <b>L15-SSF-100W</b>  | 0-100 psi | White | Back  |
| <b>L15-SSF-015B</b>  | 0-15 psi  | Black | Back  |
| <b>L15-SSF-030B</b>  | 0-30 psi  | Black | Back  |
| <b>L15-SSF-060B</b>  | 0-60 psi  | Black | Back  |
| <b>L15-SSF-100B</b>  | 0-100 psi | Black | Back  |
| <b>L15-SSF-015WL</b> | 0-15 psi  | White | Lower |
| <b>L15-SSF-030WL</b> | 0-30 psi  | White | Lower |
| <b>L15-SSF-060WL</b> | 0-60 psi  | White | Lower |
| <b>L15-SSF-100WL</b> | 0-100 psi | White | Lower |

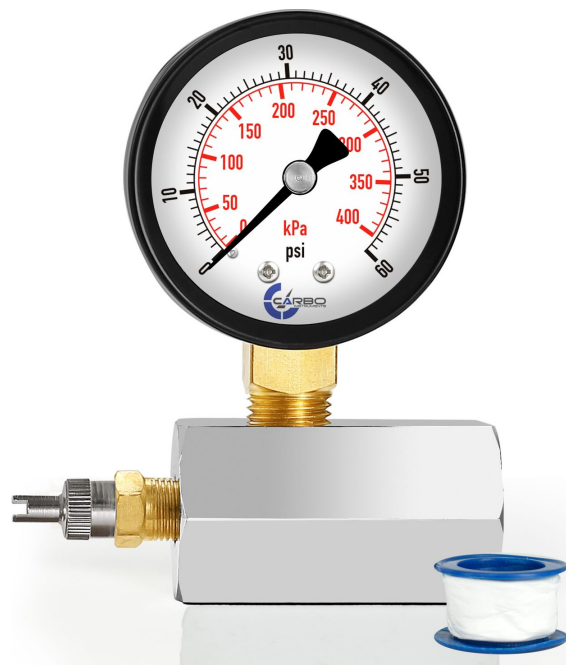
## Read the suffix

W = white dial / back mount. B = black dial / back mount. WL = white dial / lower mount. All listed versions use a 1/8 in NPT connection and single scale psi.

## SPECIALTY PRESSURE GAUGES

# D20-PG

Gas test pressure gauge



## 2 Inch

3/4 in FNPT connection

Black steel case with brass vent valve.

|                     |                            |
|---------------------|----------------------------|
| Scale               | psi / kPa                  |
| Accuracy            | Grade B; +/-3-2-3% of span |
| Case                | Black steel                |
| Ambient temperature | -20 to 60 °C               |

## SKU and pressure options

| SKU / PART NUMBER | PRESSURE |
|-------------------|----------|
| D20-PG-015        | 15 psi   |
| D20-PG-030        | 30 psi   |

| SKU / PART NUMBER | PRESSURE |
|-------------------|----------|
| D20-PG-060        | 60 psi   |

## SPECIALTY PRESSURE GAUGES

# DC40-PG

Capsule gas test pressure gauge



## 4 Inch

3/4 in FNPT connection

Capsule element, adjustable pointer and pressure-memory pointer.

|                     |               |
|---------------------|---------------|
| Scale               | psi / inHg    |
| Accuracy            | +/-1% of span |
| Case                | SS304         |
| Ambient temperature | -20 to 60 °C  |

## SKU and pressure options

| SKU / PART NUMBER | PRESSURE |
|-------------------|----------|
| DC40-PG-015       | 15 psi   |
| DC40-PG-030       | 30 psi   |

| SKU / PART NUMBER | PRESSURE |
|-------------------|----------|
| DC40-PG-060       | 60 psi   |

## SPECIALTY PRESSURE GAUGES

# D25-P-W

Water test pressure gauge



## 2-1/2 Inch

3/4 in female hose thread

Red pointer with adjustable brass knob.

|                     |                            |
|---------------------|----------------------------|
| Scale               | psi / bar                  |
| Accuracy            | Grade B; +/-3-2-3% of span |
| Case                | Plastic                    |
| Ambient temperature | -20 to 60 °C               |

## SKU and pressure options

| SKU / PART NUMBER | PRESSURE |
|-------------------|----------|
| D25-P-W-015       | 15 psi   |
| D25-P-W-030       | 30 psi   |
| D25-P-W-060       | 60 psi   |
| D25-P-W-100       | 100 psi  |
| D25-P-W-160       | 160 psi  |

| SKU / PART NUMBER | PRESSURE |
|-------------------|----------|
| D25-P-W-200       | 200 psi  |
| D25-P-W-300       | 300 psi  |
| D25-P-W-400       | 400 psi  |
| D25-P-W-600       | 600 psi  |

## SPECIALTY / GAS TEST ASSEMBLIES

# Body and connection options

Brass and steel body variants



## Brass bell body

3/4 in FNPT

D20-PGBB-015 / 15 psi

D20-PGBB-030 / 30 psi

D20-PGBB-060 / 60 psi



## Steel bell body

3/4 in FNPT

D20-PGBS-015 / 15 psi

D20-PGBS-030 / 30 psi

D20-PGBS-060 / 60 psi

## 1 Inch FNPT steel-body option

D20-PGBS-1-015 / 15 psi and D20-PGBS-1-030 / 30 psi. Select the connection size and pressure range for your installation.

## SPECIALTY / POOL FILTER GAUGES

# See the filter condition

Lower and back connections, adjustable bezels and indicator styles



Twist bezel / lower mount



Twist bezel / back mount



Indicator style / lower mount



Indicator style / back mount



Black case / lower mount

Compare the connection location and indicator style with the original gauge. The pictured designs use a 0-60 psi scale.

Designs shown are supplied product images. Use the ordering page to identify confirmed SKU options.

## SPECIALTY / POOL FILTER GAUGES

# Pool gauge ordering

Part numbers and product styles

**D25-BSL-060**

Black steel case / lower mount / 0-60 psi

**D25-BSL-D20L**

Adjustable twist bezel / lower / 0-60 psi

**D25-BSL-D20B**

Adjustable twist bezel / back / 0-60 psi

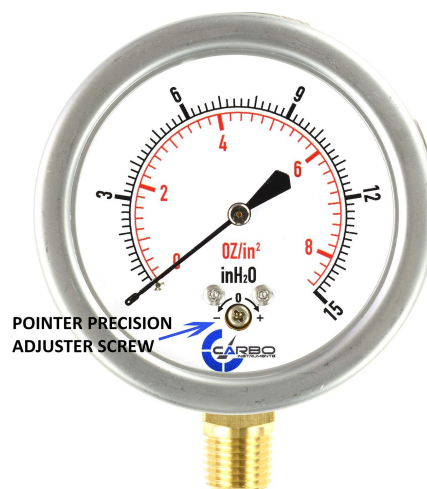
## Check before ordering

Match the thread, mounting location and indicator style to your installation.

## LOW-PRESSURE / CAPSULE GAUGES

# DC25 capsule range

2-1/2 Inch dial | 1/4 in NPT lower mount | Adjustable zero



## DC25 / Dual-scale dial

## Front zero adjustment

Chrome Plated Steel (CSL) and stainless steel (SSL) case options. Photos show the stainless steel 0-15 inH<sub>2</sub>O / 0-8 oz/in<sup>2</sup> model.

| PRESSURE RANGE                                     | DC25-CSL      | DC25-SSL      |
|----------------------------------------------------|---------------|---------------|
| 0-3 psi                                            | DC25-CSL-3P   | DC25-SSL-3P   |
| 0-5 psi                                            | DC25-CSL-5P   | DC25-SSL-5P   |
| 0-10 psi                                           | DC25-CSL-10P  | DC25-SSL-10P  |
| 0-15 psi                                           | DC25-CSL-15P  | DC25-SSL-15P  |
| 0-15 inH <sub>2</sub> O / 0-8 oz/in <sup>2</sup>   | DC25-CSL-15H  | DC25-SSL-15H  |
| 0-35 inH <sub>2</sub> O / 0-20 oz/in <sup>2</sup>  | DC25-CSL-35H  | DC25-SSL-35H  |
| 0-60 inH <sub>2</sub> O / 0-35 oz/in <sup>2</sup>  | DC25-CSL-60H  | DC25-SSL-60H  |
| 0-100 inH <sub>2</sub> O / 0-60 oz/in <sup>2</sup> | DC25-CSL-100H | DC25-SSL-100H |

## ACCESSORIES / CUSTOM OPTIONS

# Complete the installation

Mounting hardware, dial markers and connection options



Mounting options

Panel flanges and brackets

Dial markers

Adjustable visual reference markers

Connection options

Special connection sizes and adapters

Custom dials

Customer logo, units, colors and scale layout

Contact us to select compatible mounting hardware, adapters and custom dial options for your gauge.

# Let us help you choose.

The right products. For the right job. At the right value.



## Product and custom dial inquiries

Tell us your pressure range, process media, dial size and connection requirements. For a custom dial, include your logo artwork and preferred units, colors or operating-zone markings.

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