

LP SERIES LOW PRESSURE GAUGE

Capsule type pressure gauge for accurate measurement of low pressures
Suitable for air, water, oil, gas or any other media not corrosive to copper alloy



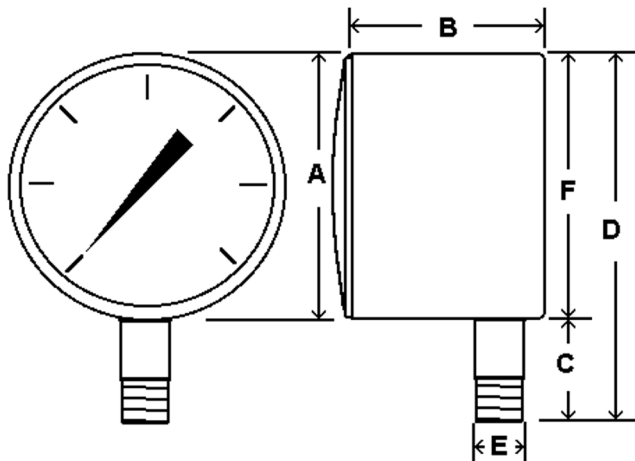
LP1 LOW PRESSURE LOWER MOUNT

Capsule type pressure gauge for accurate measurement of low pressures
Suitable for air, water, oil, gas or any other media not corrosive to copper alloy

SPECIFICATIONS

Dial	2 ½" (63 mm)
Case	Chrome plated steel, dry non-fillable
Wetted Parts	Copper alloy
Lens	Plastic, removable twist lock
Pointer	Adjustable, black aluminum Adjustment screw at rear of case
Connection	Lower mount ¼" NPT
Scale	Standard: single scale inches of water column or psi
Accuracy	3-2-3% of span, ASME B40.1 Grade B
Ambient Temp	-30° F to 180° F

Design meets or exceeds ASME B40.100 pressure gauge standard.



Dial	Unit	A	B	C	D	E	F
2 ½"	In.	2.62"	1.85"	.85"	3.45"	¼"	2.6"
	mm	67	47	22	88	NPT	66

AVAILABLE OPTIONS*

- Certificate of Accuracy, NIST Traceable
- Custom Dial
- Special Connection Size
- Cleaned for Oxygen Service
- Protective Rubber Cover, see page 123
- Dual Scale

*Lead times/minimums may apply

APPROXIMATE SHIPPING WEIGHTS/ BOX QUANTITIES

Dial Size	Est. Unit Wt.	Box Qty
2 ½"	0.50 lbs (0.24 kg)	100

NOTE: Because of continuing improvements, increments/specifications are subject to change without notice. Stock ranges vary by dial size and configuration. Consult ESP for availability.



LP2 LOW PRESSURE CENTER BACK MOUNT

Capsule type pressure gauge for accurate measurement of low pressures
Suitable for air, water, oil, gas or any other media not corrosive to copper alloy

SPECIFICATIONS

Dial	2 ½" (63 mm)
Case	Chrome plated steel, dry non-fillable
Wetted Parts	Copper alloy
Lens	Plastic, removable twist lock
Pointer	Adjustable, black aluminum Adjustment screw at rear of case
Connection	Center back mount ¼" NPT
Scale	Standard: single scale inches of water column or psi
Accuracy	3-2-3% of span ASME B40.1 Grade B
Ambient Temp	-30° F to 180° F

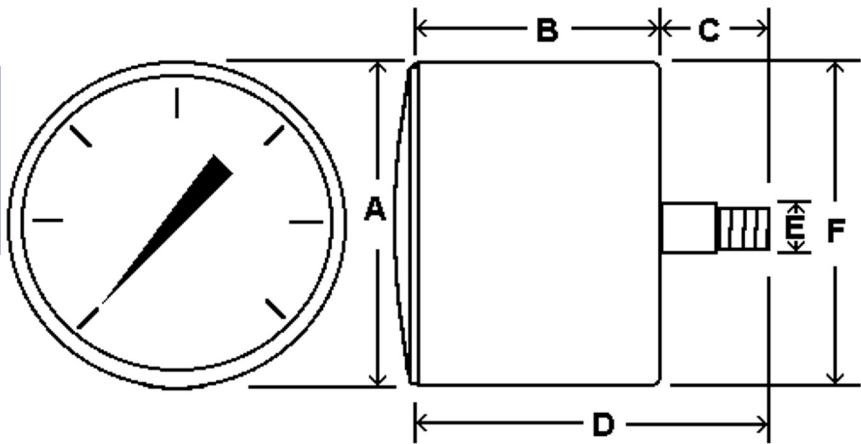
Design meets or exceeds ASME B40.100 pressure gauge standard.



AVAILABLE OPTIONS*

- Certificate of Accuracy, NIST Traceable
- Custom Dial
- Special Connection Size
- Cleaned for Oxygen Service
- Protective Rubber Cover, see page 123
- Dual Scale

*Lead times/minimums may apply



Dial	Unit	A	B	C	D	E	F
2 ½"	In.	2.60"	1.92"	0.84"	2.75"	¼"	2.60"
	mm	66	49	22	71	NPT	66

APPROXIMATE SHIPPING WEIGHTS/ BOX QUANTITIES

Dial Size	Est. Unit Wt.	Box Qty
2 ½"	0.50 lbs (0.24 kg)	75

NOTE: Because of continuing improvements, increments/specifications are subject to change without notice. Stock ranges vary by dial size and configuration. Consult ESP for availability.

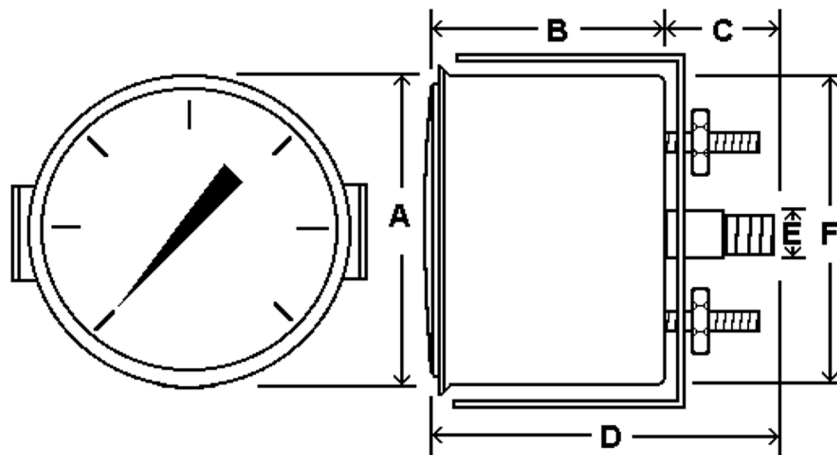
LP3 LOW PRESSURE U-CLAMP PANEL MOUNT

Capsule type pressure gauge for accurate measurement of low pressures
Suitable for air, water, oil, gas or any other media not corrosive to copper alloy

SPECIFICATIONS

Dial	2 ½" (63 mm)
Case	Chrome plated steel, dry non-fillable
Wetted Parts	Copper alloy
Lens	Plastic, removable twist lock
Pointer	Adjustable, black aluminum Adjustment screw at rear of case
Connection	Center back mount with u-clamp ¼" NPT
Scale	Standard: single scale inches of water column or psi
Accuracy	3-2-3% of span ASME B40.1 Grade B
Ambient Temp	-30° F to 180° F

Design meets or exceeds ASME B40.100 pressure gauge standard.



Dial	Unit	A	B	C	D	E	F
2 ½"	In.	2.84"	1.61"	0.88"	3.45"	¼"	2.6"
	mm	72	41	22	88	NPT	66

AVAILABLE OPTIONS*

- Certificate of Accuracy, NIST Traceable
- Custom Dial
- Special Connection Size
- Cleaned for Oxygen Service
- Dual Scale

*Lead times/minimums may apply

APPROXIMATE SHIPPING WEIGHTS/ BOX QUANTITIES

Dial Size	Est. Unit Wt.	Box Qty
2 ½"	0.50 lbs (0.24 kg)	upon request

NOTE: Because of continuing improvements, increments/specifications are subject to change without notice. Stock ranges vary by dial size and configuration. Consult ESP for availability.



LP4 LOW PRESSURE FRONT FLANGE PANEL MOUNT

Capsule type pressure gauge for accurate measurement of low pressures
Suitable for air, water, oil, gas or any other media not corrosive to copper alloy

SPECIFICATIONS

Dial	2 ½" (63 mm)
Case	Chrome plated steel, dry non-fillable
Wetted Parts	Copper alloy
Lens	Plastic, removable twist lock
Pointer	Adjustable, black aluminum
Connection	Center back mount with front flange ¼" NPT
Scale	Standard: single scale inches of water column or psi
Accuracy	3-2-3% of span ASME B40.1 Grade B
Ambient Temp	-30° F to 180° F

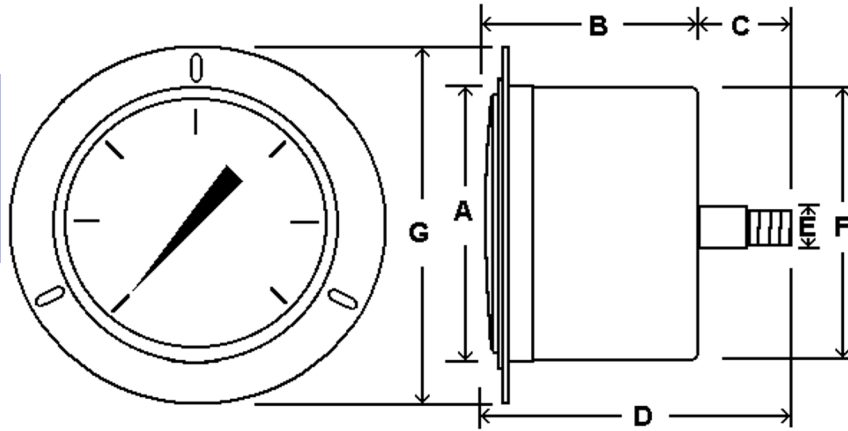
Design meets or exceeds ASME B40.100 pressure gauge standard.



AVAILABLE OPTIONS*

- Certificate of Accuracy, NIST Traceable
- Custom Dial
- Special Connection Size
- Cleaned for Oxygen Service
- Dual Scale

*Lead times/minimums may apply



Dial	Unit	A	B	C	D	E	F	G
2 ½"	In.	2.71"	1.81"	0.92"	2.72"	¼"	2.60"	3.44"
	mm	69	46	23	70	NPT	66	87

APPROXIMATE SHIPPING WEIGHTS/ BOX QUANTITIES

Dial Size	Est. Unit Wt.	Box Qty
2 ½"	0.55 lbs (0.26 kg)	upon request

NOTE: Because of continuing improvements, increments/specifications are subject to change without notice. Stock ranges vary by dial size and configuration. Consult ESP for availability.

LP-SB/SS SERIES LOW PRESSURE GAUGE

Capsule type pressure gauge for accurate measurement of low pressures
Stainless steel case gauges with copper alloy or 316 stainless internals

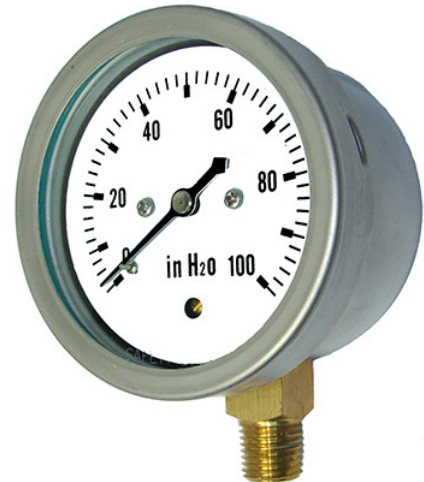


LP1-SB LOW PRESSURE STAINLESS STEEL CASE

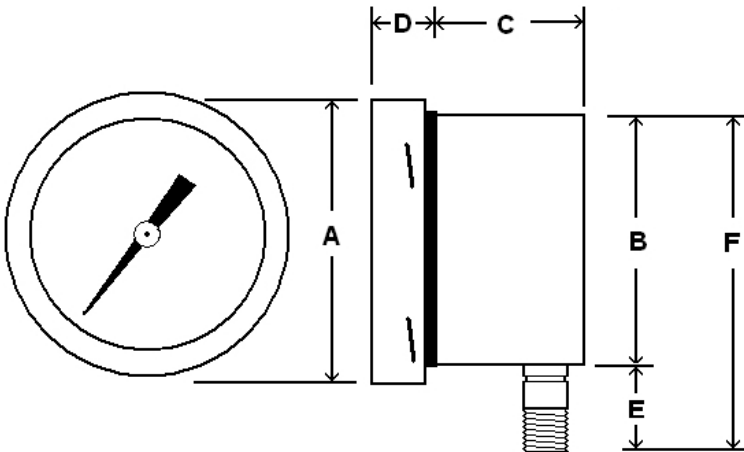
Capsule type pressure gauge for accurate measurement of low pressures
Suitable for air, water, oil, gas or any other media not corrosive to copper alloy

SPECIFICATIONS

Dial	2 ½" (63 mm), 4" (100 mm)
Case	Stainless steel, dry non-fillable
Wetted Parts	Copper alloy
Bezel	Removable, stainless steel
Lens	Heavy duty glass
Pointer	Adjustable, black aluminum Adjustment screw on dial face
Connection	Lower mount ¼" NPT for 2 ½" & 4"
Scale	Standard: single scale inches of water column
Accuracy	4-2.5-4% of span on 2 ½" & 4"
Ambient Temp	-30° F to 180° F



Design meets or exceeds ASME B40.100 pressure gauge standard.



AVAILABLE OPTIONS*

- Certificate of Accuracy, NIST Traceable
- Custom Dial
- Special Connection Size
- Other Lens Material
- Cleaned for Oxygen Service
- Protective Rubber Cover, see page 123

*Lead times/minimums may apply

APPROXIMATE SHIPPING WEIGHTS/ BOX QUANTITIES

Dial	Unit	A	B	C	D	Conn.	E	F
2 ½"	In.	2.95"	2.55"	1.23"	0.58"	¼" NPT	1.00"	3.55"
	mm	75	65	31	15		25	90
4"	In.	4.38"	3.87"	1.27"	0.64"	¼" NPT	1.42"	5.30"
	mm	111	99	32.3	17		36	135

Dial Size	Est. Unit Wt.	Box Qty
2 ½"	0.55 lbs (0.26 kg)	50
4"	0.95 lbs (0.44 kg)	30

NOTE: Because of continuing improvements, increments/specifications are subject to change without notice. Stock ranges vary by dial size and configuration. Consult ESP for availability.

Engineered Specialty Products, Inc.

LP2-SB LOW PRESSURE STAINLESS STEEL CASE

Capsule type pressure gauge for accurate measurement of low pressures
Suitable for air, water, oil, gas or any other media not corrosive to Copper alloy

SPECIFICATIONS

Dial	2 ½" (63 mm)
Case	Stainless steel, dry non-fillable
Wetted Parts	Copper Alloy
Bezel	Removable, stainless steel
Lens	Heavy duty glass
Pointer	Adjustable, black aluminum
Connection	Center back mount ¼" NPTI
Scale	Standard: single scale inches of water column or psi
Accuracy	4-2.5-4% of span 2 ½"
Ambient Temp	-30° F to 180° F

Design meets or exceeds ASME B40.100 pressure gauge standard.



AVAILABLE OPTIONS*

- Certificate of Accuracy, NIST Traceable
- Custom Dial
- Special Connection Size
- Other Lens Material
- Cleaned for Oxygen Service
- Protective Rubber Cover, see page 123
- Dual Scale

*Lead times/minimums may apply

APPROXIMATE SHIPPING WEIGHTS/ BOX QUANTITIES

Dial	Unit	A	B	C	D	Conn.	E
2 ½"	In.	2.95"	2.57"	1.23"	0.58"	¼" NPT	1.05"
	mm	75	65	31	15		27

Dial Size	Est. Unit Wt.	Box Qty
2 ½"	0.60 lbs (0.28 kg)	upon request

NOTE: Because of continuing improvements, increments/specifications are subject to change without notice. Stock ranges vary by dial size and configuration. Consult ESP for availability.

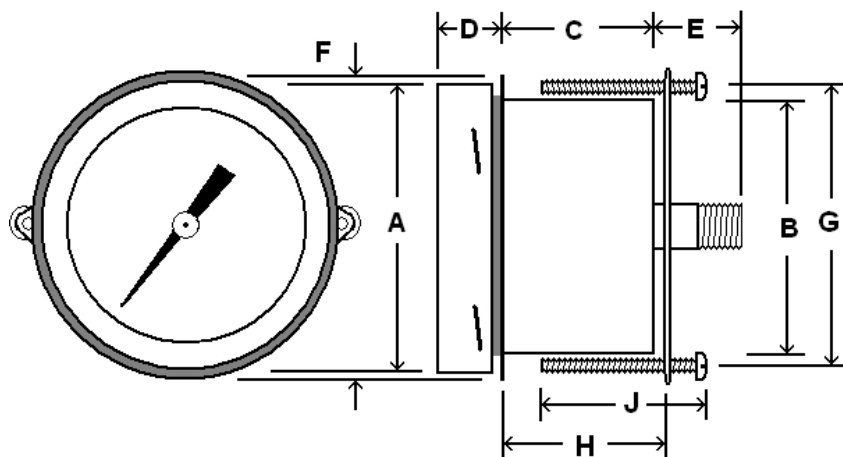
LP3-SB LOW PRESSURE STAINLESS STEEL CASE

Capsule type pressure gauge for accurate measurement of low pressures
Suitable for air, water, oil, gas or any other media not corrosive to Copper alloy

SPECIFICATIONS

Dial	2 1/2" (63 mm)
Case	Stainless steel, dry non-fillable
Wetted Parts	Copper alloy
Bezel	Removable, stainless steel
Lens	Heavy duty glass
Pointer	Adjustable, black aluminum Adjustment screw on dial face
Connection	Center back mount with u-clamp 1/4" NPT
Scale	Standard: single scale inches of water column or psi
Accuracy	4-2.5-4% of span on 2 1/2"
Ambient Temp	-30° F to 180° F

Design meets or exceeds ASME B40.100 pressure gauge standard.



AVAILABLE OPTIONS*

- Certificate of Accuracy, NIST Traceable
- Custom Dial
- Special Connection Size
- Other Lens Material
- Cleaned for Oxygen Service
- Dual Scale

*Lead times/minimums may apply

APPROXIMATE SHIPPING WEIGHTS/ BOX QUANTITIES

Dial	Unit	A	B	C	D	Conn.	E
2 1/2"	In.	2.95"	2.56"	1.33"	0.55"	1/4" NPT	1.10"
	mm	75	65	34	14		28

Dial	Unit	F	G	H	J
2 1/2"	In.	3.22"	2.83"	1.46"	1.46"
	mm	82	72	37	37

NOTE: Because of continuing improvements, increments/specifications are subject to change without notice. Stock ranges vary by dial size and configuration. Consult ESP for availability.



LP4-SB LOW PRESSURE STAINLESS STEEL CASE

Capsule type pressure gauge for accurate measurement of low pressures
Suitable for air, water, oil, gas or any other media not corrosive to Copper alloy

SPECIFICATIONS

Dial	2 ½" (63 mm)
Case	Stainless steel, dry non-fillable
Wetted Parts	Copper Alloy
Bezel	Removable, stainless steel
Lens	Heavy duty glass
Pointer	Adjustable, black aluminum Adjustment screw on dial face
Connection	Center back mount with front flange ¼" NPT
Scale	Standard: single scale inches of water column or psi
Accuracy	4-2.5-4% of span 2 ½"
Ambient Temp	-30° F to 180° F

Design meets or exceeds ASME B40.100 pressure gauge standard.



AVAILABLE OPTIONS*

- Certificate of Accuracy, NIST Traceable
- Custom Dial
- Special Connection Size
- Other Lens Material
- Cleaned for Oxygen Service
- Dual Scale

*Lead times/minimums may apply

APPROXIMATE SHIPPING WEIGHTS/ BOX QUANTITIES

Dial Size	Est. Unit Wt.	Box Qty
2 ½"	0.65 lbs (0.30 kg)	upon request

Dial	Unit	A	B	C	D	Conn.	E	F
2 ½"	In.	2.95"	2.57"	1.23"	0.58"	¼" NPT	1.05"	3.61"
	mm	75	65	31	15		27	92

NOTE: Because of continuing improvements, increments/specifications are subject to change without notice. Stock ranges vary by dial size and configuration. Consult ESP for availability.

LP1-SS LOW PRESSURE ALL STAINLESS

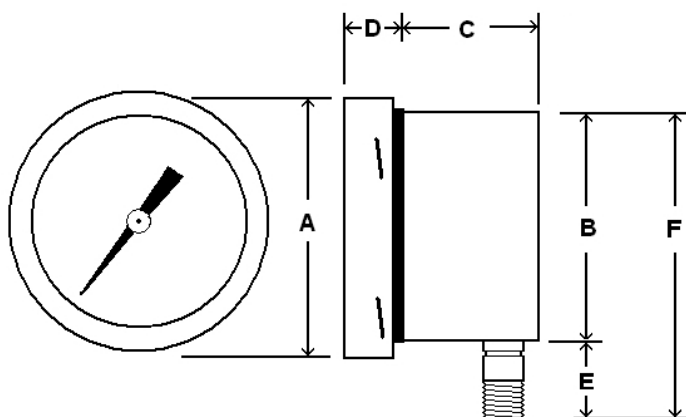


Capsule type pressure gauge for accurate measurement of low pressures
Suitable for air, water, oil, gas or any other media not corrosive to stainless steel

SPECIFICATIONS

Dial	2 ½" (63 mm), 4" (100 mm)
Case	Stainless steel, dry non-fillable
Wetted Parts	316 stainless steel
Bezel	Removable, stainless steel
Lens	Heavy duty glass
Pointer	Adjustable, black aluminum
	Adjustment screw on dial face
Connection	Lower mount
	¼" NPT for 2 ½" & 4" dial
	½" NPT for 4"
Scale	Standard: single scale inches of water column or psi
Accuracy	4-2.5-4% of span on 2 ½" & 4"
Ambient Temp	-30° F to 180° F

Design meets or exceeds ASME B40.100 pressure gauge standard.



Dial	Unit	A	B	C	D	Conn.	E	F
2 ½"	In.	2.95"	2.55"	1.23"	0.58"	¼" NPT	1.00"	3.55"
	mm	75	65	31	15		25	90
4"	In.	4.38"	3.87"	1.27"	0.64"	¼" NPT	1.42"	5.30"
	mm	111	99	32.3	17		36	135



AVAILABLE OPTIONS*

- Certificate of Accuracy, NIST Traceable
- Custom Dial
- Special Connection Size
- Other Lens Material
- Cleaned for Oxygen Service
- Protective Rubber Cover, see page 81
- Dual Scale

*Lead times/minimums may apply

APPROXIMATE SHIPPING WEIGHTS/ BOX QUANTITIES

Dial Size	Est. Unit Wt.	Box Qty
2 ½"	0.55 lbs (0.26 kg)	50
4"	0.95 lbs (0.44 kg)	30

NOTE: Because of continuing improvements, increments/specifications are subject to change without notice. Stock ranges vary by dial size and configuration. Consult ESP for availability.



LP2-SS LOW PRESSURE ALL STAINLESS

Capsule type pressure gauge for accurate measurement of low pressures
Suitable for air, water, oil, gas or any other media not corrosive to stainless steel

SPECIFICATIONS

Dial	2 ½" (63 mm)
Case	Stainless steel, dry non-fillable
Wetted Parts	316 stainless steel
Bezel	Removable, stainless steel
Lens	Heavy duty glass
Pointer	Adjustable, black aluminum Adjustment screw on dial face
Connection	Center back mount ¼" NPT
Scale	Standard: single scale inches of water column or psi
Accuracy	4-2.5-4% of span 2 ½"
Ambient Temp	-30° F to 180° F

Design meets or exceeds ASME B40.100 pressure gauge standard.



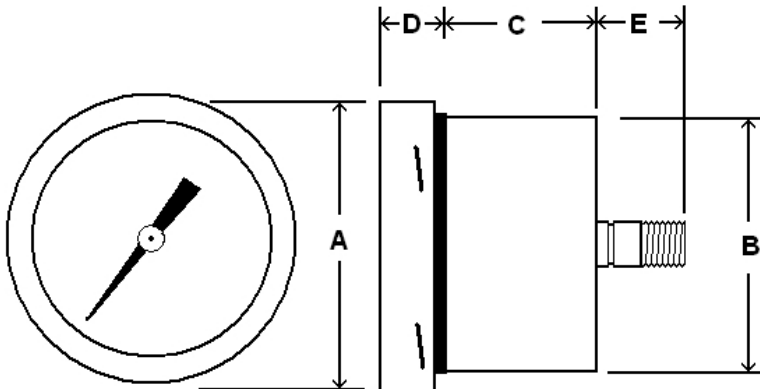
AVAILABLE OPTIONS*

- Certificate of Accuracy, NIST Traceable
- Custom Dial
- Special Connection Size
- Other Lens Material
- Cleaned for Oxygen Service
- Protective Rubber Cover, see page 123
- Dual Scale

*Lead times/minimums may apply

APPROXIMATE SHIPPING WEIGHTS/ BOX QUANTITIES

Dial Size	Est. Unit Wt.	Box Qty
2 ½"	0.60 lbs (0.28 kg)	upon request



Dial	Unit	A	B	C	D	Conn.	E
2 ½"	In.	2.95"	2.57"	1.23"	0.58"	¼" NPT	1.05"
	mm	75	65	31	15		27

NOTE: Because of continuing improvements, increments/specifications are subject to change without notice. Stock ranges vary by dial size and configuration. Consult ESP for availability.

LP3-SS LOW PRESSURE ALL STAINLESS



Capsule type pressure gauge for accurate measurement of low pressures
Suitable for air, water, oil, gas or any other media not corrosive to stainless steel

SPECIFICATIONS

Dial	2 1/2" (63 mm)
Case	Stainless steel, dry non-fillable
Wetted Parts	316 stainless steel
Bezel	Removable, stainless steel
Lens	Heavy duty glass
Pointer	Adjustable, black aluminum Adjustment screw on dial face
Connection	Center back mount with u-clamp 1/4" NPT
Scale	Standard: single scale inches of water column or psi
Accuracy	4-2.5-4% of span on 2 1/2"
Ambient Temp	-30° F to 180° F

Design meets or exceeds ASME B40.100 pressure gauge standard.



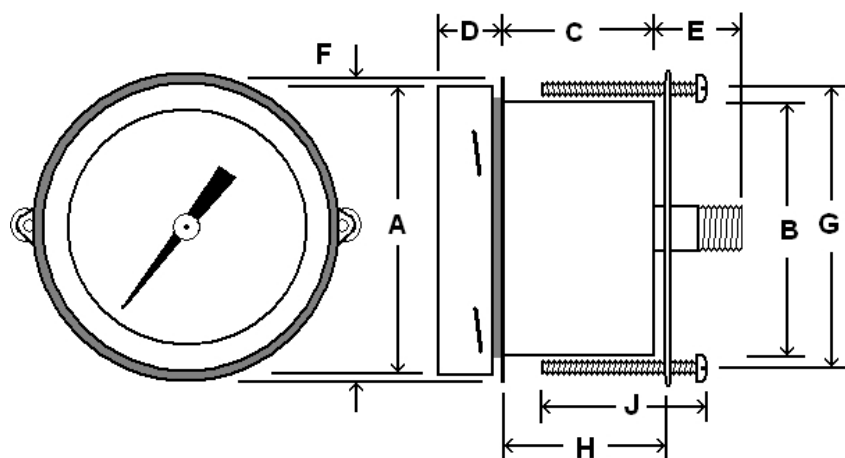
AVAILABLE OPTIONS*

- Certificate of Accuracy, NIST Traceable
- Custom Dial
- Special Connection Size
- Other Lens Material
- Cleaned for Oxygen Service
- Dual Scale

*Lead times/minimums may apply

APPROXIMATE SHIPPING WEIGHTS/ BOX QUANTITIES

Dial Size	Est. Unit Wt.	Box Qty
2 1/2"	0.65 lbs (0.30 kg)	upon request



Dial	Unit	A	B	C	D	Conn.	E
2 1/2"	In.	2.95"	2.56"	1.33"	0.55"	1/4" NPT	1.10"
	mm	75	65	34	14		28

Dial	Unit	F	G	H	J
2 1/2"	In.	3.22"	2.83"	1.46"	1.46"
	mm	82	72	37	37

NOTE: Because of continuing improvements, increments/specifications are subject to change without notice. Stock ranges vary by dial size and configuration. Consult ESP for availability.

LP4-SS LOW PRESSURE STAINLESS STEEL CASE

Capsule type pressure gauge for accurate measurement of low pressures
Suitable for air, water, oil, gas or any other media not corrosive to stainless steel

SPECIFICATIONS

Dial	2 ½" (63 mm)
Case	Stainless steel, dry non-fillable
Wetted Parts	316 stainless steel
Bezel	Removable, stainless steel
Lens	Heavy duty glass
Pointer	Adjustable, black aluminum Adjustment screw on dial face
Connection	Center back mount with front flange ¼" NPT
Scale	Standard: single scale inches of water column or psi
Accuracy	4-2.5-4% of span 2 ½"
Ambient Temp	-30° F to 180° F

Design meets or exceeds ASME B40.100 pressure gauge standard.



AVAILABLE OPTIONS*

- Certificate of Accuracy, NIST Traceable
- Custom Dial
- Special Connection Size
- Other Lens Material
- Cleaned for Oxygen Service
- Dual Scale

*Lead times/minimums may apply

APPROXIMATE SHIPPING WEIGHTS/ BOX QUANTITIES

Dial	Unit	A	B	C	D	Conn.	E	F
2 ½"	In.	2.95"	2.57"	1.23"	0.58"	¼" NPT	1.05"	3.61"
	mm	75	65	31	15		27	92

Dial Size	Est. Unit Wt.	Box Qty
2 ½"	0.65 lbs (0.30 kg)	upon request

NOTE: Because of continuing improvements, increments/specifications are subject to change without notice. Stock ranges vary by dial size and configuration. Consult ESP for availability.

LP1-PS LOW PRESSURE PHENOLIC CASE

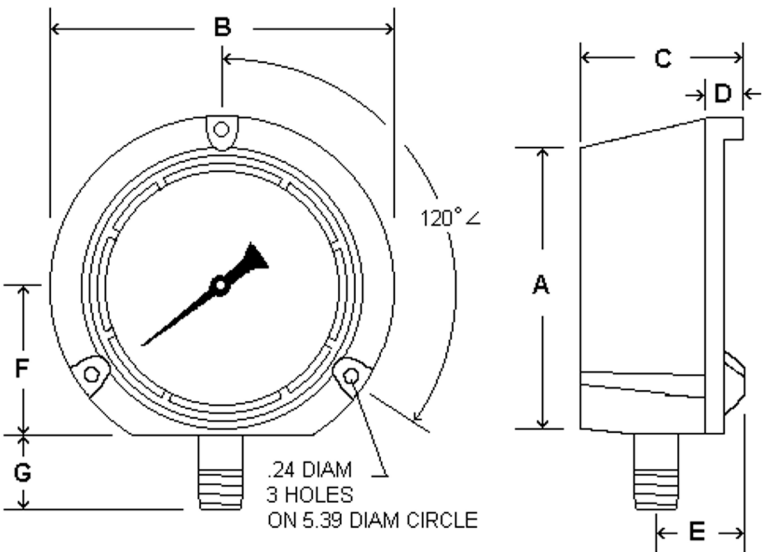


Capsule type pressure gauge for accurate measurement of low pressures
Suitable for air, water, oil, gas or any other media not corrosive to stainless steel

SPECIFICATIONS

Dial	4 1/2" (115 mm)
Case	Phenolic, dry non-fillable
Wetted Parts	316 stainless steel
Bezel	Phenolic
Lens	Tempered glass
Pointer	Adjustable, black aluminum Adjustment screw on dial face
Connection	Lower mount 1/2" or 1/4" NPT
Scale	Standard: single scale inches of water column or psi
Accuracy	2-1-2% of span ASME B40.1 Grade A
Ambient Temp	-30° F to 180° F

Design meets or exceeds ASME B40.100 pressure gauge standard.



Dial	Unit	A	B	C	D	E	F	G	NPT
4 1/2"	In.	5.10"	5.83"	3.23"	1.07"	1.65"	2.60"	1.41"	1/4" or 1/2"
	mm	130	148	82	27	42	66	36	



AVAILABLE OPTIONS*

- Certificate of Accuracy, NIST Traceable
- Custom Dial
- Special Connection Size
- Other Lens Material
- Cleaned for Oxygen Service
- Dual Scale

*Lead times/minimums may apply

APPROXIMATE SHIPPING WEIGHTS/ BOX QUANTITIES

Dial Size	Est. Unit Wt.	Box Qty
4 1/2"	2.10 lbs (0.96 kg)	upon request