

Liquid Filled Back and Lower Mount Gauges



The liquid filled gauge dampens the effect of pulsation and vibration, while also perpetually lubricating the movement and keeping contaminants such as dirt away from all moving parts which will extend the life of the gauge. Typically used on hydraulic & pneumatic systems as well as any commercial or industrial applications not corrosive to brass and bronze wetted parts and where glycerin filling is suitable for use.

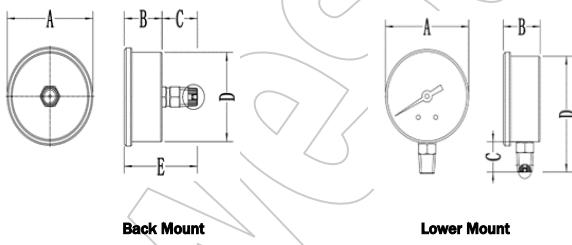
- Suitable for Air, Water, Oil Gas or Any Other Media Not Corrosive to Brass
- Custom Private Label Gauges Available

Applications

Pumps and Compressors	Filter Regulators and Water Pumps	Beverage Dispensing Systems
Instrument and Controls	Medical equipment	Automotive applications
Fluid Power Equipment	Air Receivers	Filters

Specifications:

Case and Bezel	• 304 Stainless Steel
Dial	• 1-1/2", 2", 2-1/2", & 4"
Connection	• 1-1/2" (1/8" MNPT) 2" & Above 1/4" MNPT
Lens	• Polycarbonate Lens
Liquid Filled	• Glycerin
Connection	• Back and Lower Mount
Bourdon Tube	• Copper Alloy
Pointer	• Black Aluminum
Socket	• Brass
Accuracy	• Accuracy 3-2-3% of Span ASME B40.1 Grade B (1-1/2" & 2" Dials) • Accuracy 2-1-2% of Span ASME B40.1 Grade A (2-1/2" & 4" Dials)
Ambient Temperature	• -4°F to 140°F
Scale	• PSI/Bar (x 100 = kPa)
Features	• Individually Boxed • Design Meets or Exceeds ASME B40.100 • Built-In Snubber



Back Mount Gauges

Dial Size	Part No. Back Mount Gauge	Connection	A (In)	B (In)	C (In)	D (In)	E (In)	Wt. (lbs.)
1-1/2"	LSCB15	1/8"	1.83	1.05	.71	1.59	1.76	.18
2"	LSCB20	1/4"	2.25	1.10	.94	1.94	2.04	.30
2-1/2"	LSCB25	1/4"	2.68	1.14	.94	2.40	2.08	.37
4"	LSCB40	1/4"	4.15	1.38	.94	3.86	2.32	.75

Lower Mount Gauges

Dial Size	Part No. Lower Mount Gauge	Connection	A (In)	B (In)	C (In)	D (In)	Wt. (lbs.)
1-1/2"	LSCL15	1/8"	1.83	1.05	.71	2.28	.18
2"	LSCL20	1/4"	2.25	1.10	.94	2.95	.30
2-1/2"	LSCL25	1/4"	2.68	1.14	.94	3.35	.37
4"	LSCL40	1/4"	4.15	1.38	.94	4.81	.75



WARNING: This product can expose you to chemicals, including lead, which is known to the State of California to cause cancer and reproductive harm. For more information go to www.P65Warnings.CA.gov

Ordering and Technical Information

Liquid Filled Back and Lower Mount Pressure Gauges

Part No.	LSCB15-X Back Mount	LSCL15-X Lower Mount	LSCB20-X Back Mount	LSCL20-X Lower Mount	LSCB25-X Back Mount	LSCL25-X Lower Mount	LSCB40-X Back Mount	LSCL40-X Lower Mount
Dial Size	1-1/2 "	1-1/2 "	2 "	2 "	2-1/2 "	2-1/2 "	4"	4"
Connection Size	1/8"	1/8"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
PSI Code								
30	—	X	—	X	X	X	—	—
60	X	—	—	—	X	X	—	—
100	X	—	—	—	X	X	—	—
160	X	X	X	X	X	X	X	X
200	X	X	X	X	X	X	X	X
300	X	X	X	X	X	X	X	X
400	—	—	—	—	X	—	—	—
600	—	—	—	—	X	X	—	—
1000	—	—	—	—	X	X	—	—
1500	—	—	—	—	X	—	—	—
2000	—	—	—	—	—	X	—	—
3000	—	—	—	—	X	X	—	—
5000	—	—	—	—	X	X	—	—
10,000	—	—	—	—	—	X	—	—

Liquid Filled Back and Lower Mount Vacuum Gauges

Part No.	VLSCB15-030 Back Mount	VLSCL15-030 Lower Mount	VLSCB20-030 Back Mount	VLSCL20-030 Lower Mount	VLSCB25-030 Back Mount	VLSCL25-030 Lower Mount	VLSCB40-030 Back Mount	VLSCL15-040 Lower Mount
Dial Size	1-1/2 "	1-1/2 "	2 "	2 "	2-1/2 "	2-1/2 "	2-1/2 "	4-1/2"
Connection Size	1/8"	1/8"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
PSI Code								
-30/0	—	—	X	X	X	X	X	X

1. Select the gauge configuration required
2. Add the psi to the part number suffix, replacing the X

Vacuum Gauges

Range	Major Increments	Minor Increments
30/0"VAC	5" hg	.5" hg

Pressure Gauges

Range	Major Increments	Minor Increments
0/30	5 psi	.5 psi
0/60	10 psi	1 psi
0/100	20 psi	2 psi
0/160	20 psi	2 psi
0/200	40 psi	5 psi
0/300	50 psi	5 psi
0/400	50 psi	5 psi
0/500	100 psi	10 psi
0/600	100 psi	10 psi
0/1000	200 psi	20 psi
0/1500	200 psi	20 psi
0/2000	400 psi	50 psi
0/3000	500 psi	50 psi
0/4000	500 psi	50 psi
0/5000	1000 psi	100 psi
0/6000	1000 psi	100 psi
0/10,000	1000 psi	100 psi
0/15,000	2000 psi	200 psi