

Liquid Filled U-Clamp 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
Instrument and Controls
Fluid Power Equipment

Filter Regulators and Water Pumps
Medical equipment
Air Receivers

Beverage Dispensing Systems
Automotive applications
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 Mount with U-Clamp

Bourdon Tube

- Copper Alloy

Plnter

- 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

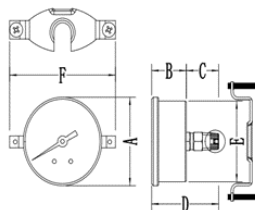
- -4° F to 140° F

Scale

- PSI/Bar (x 100 = kPa)
- Individually Boxed

Features

- Design Meets or Exceeds ASME B40.100
- Built-In Snubber



Back Mount with U-Clamp

Back Mount U-Clamp Gauges

Dial Size	Part No.	Connection	A (In)	B (In)	C (In)	D (In)	E (In)	F (In)	Wt. (lbs.)
1-1/2"	LSCB15-U	1/8"	1.83	1.05	.71	1.83	1.59	2.56	.24
2"	LSCB20-U	1/4"	2.25	1.10	.94	2.04	1.94	3.16	.36
2-1/2"	LSCB25-U	1/4"	2.68	1.14	.94	2.18	2.40	3.58	.43
4"	LSCB40-U	1/4"	4.29	1.38	.94	2.32	3.86	5.50	.81



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 U-Clamp Pressure Gauges

Part No.	LSCB15-XU	LSCB20-XU	LSCB25-XU	LSCB40-XU
Dial Size	1-1/2"	2"	2-1/2"	4"
Connection Size	1/8"	1/4"	1/4"	1/4"
PSI				
60			X	
160	X	X	X	X
200	X	X	X	X
300	X	X	X	X
400	—	—	X	—
600	—	—	X	—
1000	—	—	X	—
1500	—	—	X	—
3000	—	—	X	—

Note

Add the psi to the part number suffix, replacing the X

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