

# GLYCERIN FILLED INDUSTRIAL PRESSURE GAUGE MODEL LFB

Illustrated model: 250LFB10



Illustrated model: 251LFB19



Diagram: LFB BOTTOM 1.5, 2.5 and 4 in

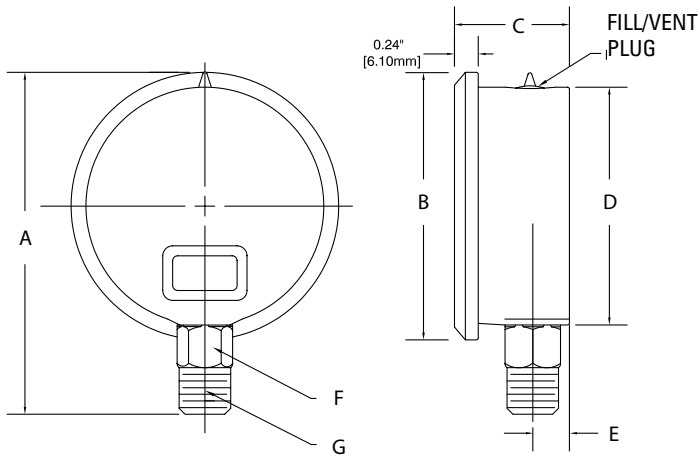
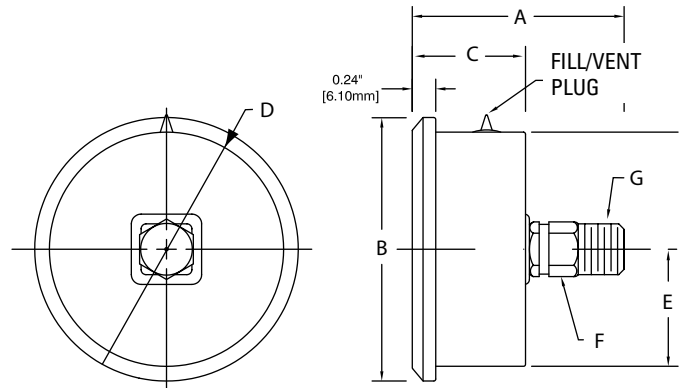


Diagram: LFB CENTER BACK 1.5 and 2.5 in



## Specifications

Case:	304 stainless steel
Dial:	White aluminum with psi graduations in black and kPa graduations in blue
Ring:	304 stainless steel, hermetically sealed or bayonet style (model BAY)
Lens:	Polycarbonate
Pointer:	Anodized black aluminum
Connection:	1 ½ in (40 mm) 1/8 in nptm bottom or center back, 2 ½ in (63 mm) ¼ in nptm bottom or center back, 4 in (100 mm) ¼ in nptm bottom or lower back
Wetted parts:	Brass
Bourdon tube:	Phosphor bronze
Maximum process and ambient temperatures:	-40 to 150°F / -40 to 65°C dry, 32 to 160°F / 0 to 70°C glycerin filled
Operating pressure:	Maximum 75 % of full scale value
Overpressure limit:	25 % over full scale value
Accuracy:	ASME B40.100(B40.1), Grade B ± 2 %

## Applications

Competitively priced gauge for multiple use: industrial, plumbing, HVAC, hydraulic, pneumatic, compressors, pumps, pools, etc.

## GLYCERIN FILLED INDUSTRIAL PRESSURE GAUGE (CONTINUED) MODEL LFB

Illustrated model: 401LFB15



Illustrated model: 250LFB14-BAY

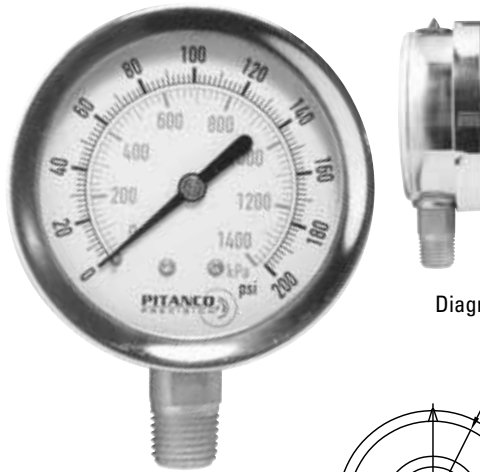


Diagram: 251LFB-BAY CENTER BACK

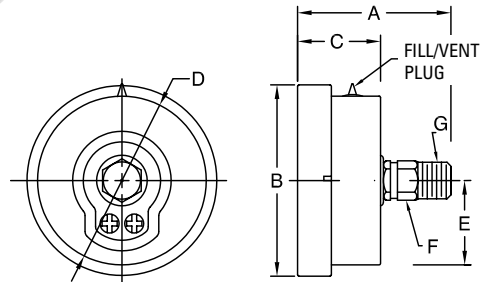


Diagram: LFB LOWER BACK 4 in

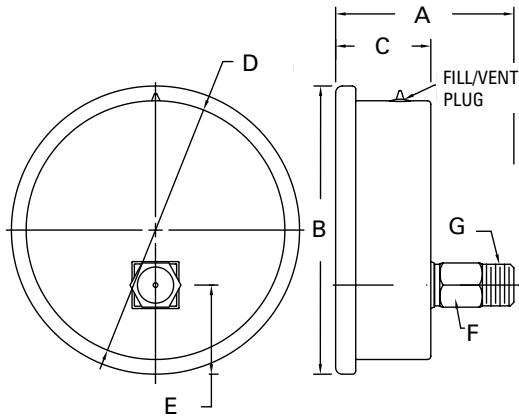
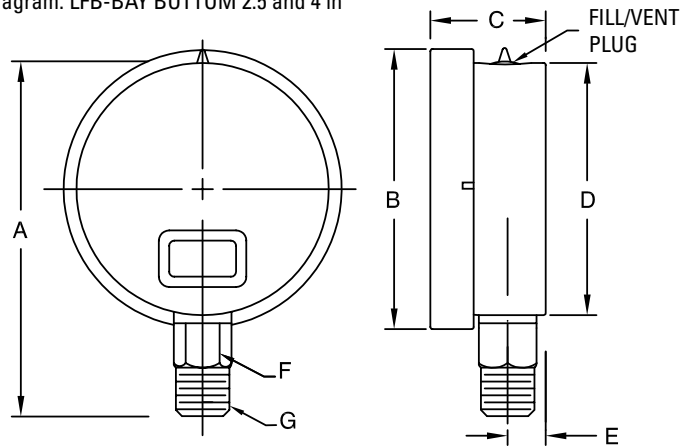


Diagram: LFB-BAY BOTTOM 2.5 and 4 in



### Dimensions as per diagram

Ø	Connection	A	B	C	D	E	F	G
1.5 in (40 mm) hermetically sealed	bottom	2.43 in (61.7 mm)	1.84 in (46.7 mm)	1 in (25.4 mm)	1.6 in (40.6 mm)	0.30 in (7.6 mm)	7/16 hex. (11 mm)	1/8 in nptm
	center back	1.75 in (44.5 mm)	1.84 in (46.7 mm)	1 in (25.4 mm)	1.6 in (40.6 mm)	0.8 in (20.3 mm)	7/16 hex. (11 mm)	1/8 in nptm
2.5 in (63 mm) hermetically sealed	bottom	3.45 in (87.6 mm)	2.7 in (68.5 mm)	1.16 in (29.4 mm)	2.4 in (60.9 mm)	0.37 in (9.4 mm)	9/16 hex. (14 mm)	1/4 in nptm
	center back	2.16 in (54.9 mm)	2.7 in (68.5 mm)	1.16 in (29.4 mm)	2.4 in (60.9 mm)	1.2 in (31 mm)	9/16 hex. (14 mm)	1/4 in nptm
2.5 in (63 mm) bayonet	bottom	3.45 in (87.6 mm)	2.74 in (69 mm)	1.18 in (30 mm)	2.4 in (60.9 mm)	0.37 in (9.4 mm)	9/16 hex. (14 mm)	1/4 in nptm
	center back	2.12 in (54.9 mm)	2.74 in (69 mm)	1.18 in (30 mm)	2.4 in (60.9 mm)	1.22 in (31 mm)	9/16 hex. (14 mm)	1/4 in nptm
4 in (100 mm) hermetically sealed	bottom	5.26 in (133.7 mm)	4.3 in (109.2 mm)	1.42 in (36 mm)	3.86 in (98 mm)	0.50 in (12.7 mm)	11/16 hex. (17 mm)	1/4 in nptm
	lower back	2.66 in (67.5 mm)	4.3 in (109.2 mm)	1.42 in (36 mm)	3.86 in (98 mm)	1.33 in (33.8 mm)	11/16 hex. (17 mm)	1/4 in nptm
4 in (100 mm) bayonet	bottom	5.31 in (109.2 mm)	4.3 in (109.2 mm)	1.53 in (38.9 mm)	3.90 in (99 mm)	0.50 in (12.7 mm)	11/16 hex. (17 mm)	1/4 in nptm
	lower back	2.66 in (67.5 mm)	4.3 in (109.2 mm)	1.53 in (38.9 mm)	3.90 in (99 mm)	1.33 in (33.8 mm)	11/16 hex. (17 mm)	1/4 in nptm

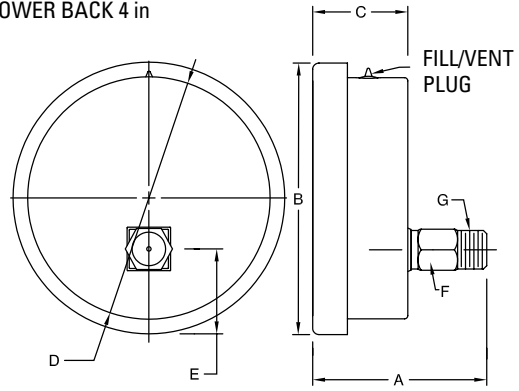
## GLYCERIN FILLED INDUSTRIAL PRESSURE GAUGE (CONTINUED)

### MODEL LFB

To order, use the code in the corresponding column

Illustrated model: 401LFB19-BAY

Diagram: LFB LOWER BACK 4 in



Size	1 1/2 in (40 mm)		2 1/2 in (63 mm)				4 in (100 mm)			
Case	304 stainless steel									
Brass Connection	1/8 in nptm bottom	1/8 in nptm center back	1/4 in nptm bottom	1/4 in nptm center back	1/4 in nptm bottom	1/4 in nptm center back	1/4 in nptm bottom	1/4 in nptm lower back	1/4 in nptm bottom	1/4 in nptm lower back
Ring	hermetic				bayonet		hermetic		bayonet	
Range										
-30 in Hg to 0 vac/kPa	150LFB01	151LFB01	250LFB01	251LFB01	250LFB01-BAY	251LFB01-BAY	400LFB01	401LFB01	400LFB01-BAY	401LFB01-BAY
-30 in Hg to 15 psi/kPa			250LFB02	251LFB02	250LFB02-BAY	251LFB02-BAY	400LFB02	401LFB02		
-30 in Hg to 30 psi/kPa			250LFB03	251LFB03	250LFB03-BAY	251LFB03-BAY	400LFB03	401LFB03		
-30 in Hg to 60 psi/kPa			250LFB04	251LFB04	250LFB04-BAY	251LFB04-BAY	400LFB04	401LFB04		
-30 in Hg to 100 psi/kPa			250LFB05	251LFB05	250LFB05-BAY	251LFB05-BAY	400LFB05	401LFB05		
-30 in Hg to 160 psi/kPa			250LFB06	251LFB06	250LFB06-BAY	251LFB06-BAY	400LFB06	401LFB06		
-30 in Hg to 200 psi/kPa			250LFB07	251LFB07	250LFB07-BAY	251LFB07-BAY	400LFB07	401LFB07		
-30 in Hg to 300 psi/kPa			250LFB08	251LFB08	250LFB08-BAY	251LFB08-BAY	400LFB08	401LFB08		
0 to 15 psi/kPa	150LFB09	151LFB09	250LFB09	251LFB09	250LFB09-BAY	251LFB09-BAY	400LFB09	401LFB09	400LFB09-BAY	401LFB09-BAY
0 to 30 psi/kPa	150LFB10	151LFB10	250LFB10	251LFB10	250LFB10-BAY	251LFB10-BAY	400LFB10	401LFB10	400LFB10-BAY	401LFB10-BAY
0 to 60 psi/kPa	150LFB11	151LFB11	250LFB11	251LFB11	250LFB11-BAY	251LFB11-BAY	400LFB11	401LFB11	400LFB11-BAY	401LFB11-BAY
0 to 100 psi/kPa	150LFB12	151LFB12	250LFB12	251LFB12	250LFB12-BAY	251LFB12-BAY	400LFB12	401LFB12	400LFB12-BAY	401LFB12-BAY
0 to 160 psi/kPa	150LFB13	151LFB13	250LFB13	251LFB13	250LFB13-BAY	251LFB13-BAY	400LFB13	401LFB13	400LFB13-BAY	401LFB13-BAY
0 to 200 psi/kPa	150LFB14	151LFB14	250LFB14	251LFB14	250LFB14-BAY	251LFB14-BAY	400LFB14	401LFB14	400LFB14-BAY	401LFB14-BAY
0 to 300 psi/kPa	150LFB15	151LFB15	250LFB15	251LFB15	250LFB15-BAY	251LFB15-BAY	400LFB15	401LFB15	400LFB15-BAY	401LFB15-BAY
0 to 400 psi/kPa	150LFB23	151LFB23	250LFB23	251LFB23	250LFB23-BAY	251LFB23-BAY	400LFB23	401LFB23	400LFB23-BAY	401LFB23-BAY
0 to 600 psi/kPa	150LFB16	151LFB16	250LFB16	251LFB16	250LFB16-BAY	251LFB16-BAY	400LFB16	401LFB16	400LFB16-BAY	401LFB16-BAY
0 to 1,000 psi/kPa	150LFB17	151LFB17	250LFB17	251LFB17	250LFB17-BAY	251LFB17-BAY	400LFB17	401LFB17	400LFB17-BAY	401LFB17-BAY
0 to 1,500 psi/kPa			250LFB18	251LFB18	250LFB18-BAY	251LFB18-BAY	400LFB18	401LFB18	400LFB18-BAY	401LFB18-BAY
0 to 2,000 psi/kPa	150LFB22	151LFB22	250LFB22	251LFB22	250LFB22-BAY	251LFB22-BAY	400LFB22	401LFB22	400LFB22-BAY	401LFB22-BAY
0 to 3,000 psi/kPa	150LFB19	151LFB19	250LFB19	251LFB19	250LFB19-BAY	251LFB19-BAY	400LFB19	401LFB19	400LFB19-BAY	401LFB19-BAY
0 to 4,000 psi/kPa			250LFB28	251LFB28			400LFB28	401LFB28		
0 to 5,000 psi/kPa			250LFB20	251LFB20	250LFB20-BAY	251LFB20-BAY	400LFB20	401LFB20	400LFB20-BAY	401LFB20-BAY
0 to 6,000 psi/kPa			250LFB25	251LFB25			400LFB25	401LFB25		
0 to 10,000 psi/kPa			250LFB21	251LFB21	250LFB21-BAY	251LFB21-BAY	400LFB21	401LFB21	*400LFB21-BAY-50	*401LFB21-BAY-50
0 to 15,000 psi/kPa			250LFB26	251LFB26			400LFB26	401LFB26		

### Option

\*Offered in 1/2 in nptm connection only

## GLYCERIN FILLED INDUSTRIAL PRESSURE GAUGE (CONTINUED)

### MODEL LFB

To order, use the code in the corresponding column

Size	2 1/2 in (63 mm)	
Case	304 stainless steel	
Brass connection	1/4 in nptm bottom	1/4 in nptm center back
Ring	hermetic	
Range	bar	
-30 in Hg to 0 vac/bar	250LFB01B	251LFB01B
-30 in Hg to 15 psi/bar		
-30 in Hg to 30 psi/bar		
-30 in Hg to 60 psi/bar		
-30 in Hg to 100 psi/bar		
-30 in Hg to 160 psi/bar		
-30 in Hg to 200 psi/bar		
-30 in Hg to 300 psi/bar		
0 to 15 psi/bar	250LFB09B	251LFB09B
0 to 30 psi/bar	250LFB10B	251LFB10B
0 to 40 psi/bar	250LFB24B	
0 to 60 psi/bar	250LFB11B	251LFB11B
0 to 100 psi/bar	250LFB12B	251LFB12B
0 to 12 bar/psi		251LFB29B
0 to 160 psi/bar	250LFB13B	251LFB13B
0 to 200 psi/bar	250LFB14B	251LFB14B
0 to 300 psi/bar	250LFB15B	251LFB15B
0 to 400 psi/bar	250LFB23B	251LFB23B
0 to 600 psi/bar	250LFB16B	251LFB16B
0 to 1,000 psi/bar	250LFB17B	251LFB17B
0 to 1,500 psi/bar	250LFB18B	251LFB18B
0 to 2,000 psi/bar	250LFB22B	251LFB22B
0 to 3,000 psi/bar	250LFB19B	251LFB19B
0 to 4,000 psi/bar		
0 to 5,000 psi/bar	250LFB20B	251LFB20B
0 to 6,000 psi/bar		
0 to 10,000 psi/bar	250LFB21B	251LFB21B
0 to 15,000 psi/bar		

Size	2 1/2 in (63 mm)	4 in (100 mm)
Case	304 stainless steel	
Brass connection	1/4 in bspp bottom	3/8 in bspp bottom
Ring	hermetic	
Range	bar	
0 to 10 bar/psi	250LFB-BSPP10	
0 to 10 bar		400LFB10B-375BSPP
0 to 16 bar/psi	250LFB-BSPP16	
0 to 20 kg/cm <sup>2</sup>		400LFB20K-375BSPP
0 to 25 bar/psi	250LFB-BSPP25	
0 to 30 bar		400LFB30B-375BSPP
0 to 40 bar/psi	250LFB-BSPP40	
0 to 50 bar		400LFB50B-375BSPP
0 to 100 bar/psi	250LFB-BSPP100	
0 to 160 bar/psi	250LFB-BSPP160	
0 to 250 bar/psi	250LFB-BSPP250	
0 to 320 bar/psi	250LFB-BSPP320	
0 to 400 bar/psi	250LFB-BSPP400	
0 to 600 bar/psi	250LFB-BSPP600	

For psi/bar add the suffix "B" at the end of the code  
 For psi/kg/cm<sup>2</sup> add the suffix "K" at the end of the code  
 For dry gauge add the suffix "D" at the end of the code