

301L ALL STAINLESS LOWER MOUNT

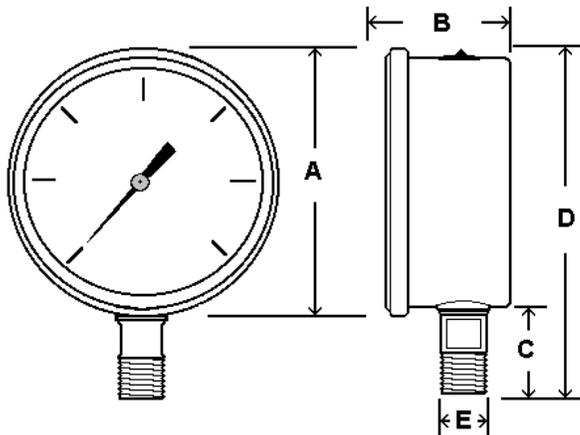


Heavy duty, all stainless steel gauge with welded case-to-stem connection
 Stainless steel case and bezel, 316 stainless steel internals
 Glycerine filled for added durability in applications where vibration or pulsation is present

SPECIFICATIONS

Dial	1 1/2" (40 mm), 2" (50 mm), 2 1/2" (63 mm), 4" (100 mm) See page 37, 6" (150 mm) - See 6001 page 53
Case	Stainless steel, glycerine filled (available dry) Welded case-to-stem connection
Wetted Parts	316 stainless steel
Bezel	Stainless steel, fixed
Lens	Polycarbonate
Pointer	Black aluminum
Connection	Lower mount 1 1/2" dial = 1/8" NPT 2" dial = 1/8" or 1/4" NPT 2 1/2" dial = 1/4" NPT
Scale	Standard: psi/BAR (x 100 = kPa)
Accuracy	3-2-3% of span 1 1/2" & 2" ASME B40.1 Grade B 2-1-2% of span 2 1/2" ASME B40.1 Grade A
Ambient Temp	Glycerine Filled = 30° F to 160° F Dry = -30° F to 180° F

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



Dial	Unit	A	B	C	D	E
1 1/2"	In.	1.84"	1.03"	0.73"	2.32"	1/8"
	mm	47	26	19	59	NPT
2"	In.	2.25"	1.15"	0.91"	2.93"	1/8" or 1/4"
	mm	57	30	23	75	NPT
2 1/2"	In.	2.70"	1.39"	1"	3.61"	1/4"
	mm	69	35	25	92	NPT



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AVAILABLE OPTIONS*

- Certificate of Accuracy, NIST traceable
- Custom Dial
- Liquid Fill Options, see page 173
- Anti-Vibration Movement, see page 107
- Dry, Fillable Case
- Glass Lens
- Cleaned for Oxygen Service (dry only)
- Special Connection Size
- Protective Rubber Cover, see page 119
- Single Scale
- Max/Min Pointer, see page 120

*Lead times/minimums may apply

APPROXIMATE SHIPPING WEIGHTS/ BOX QUANTITIES

Dial Size	Est. Unit Weight	Box Qty
1 1/2"	0.20 lbs (0.10 kg)	100
2"	0.40 lbs (0.18 kg)	100
2 1/2"	0.55 lbs (0.24 kg)	90

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.

302L ALL STAINLESS CENTER BACK MOUNT

Heavy duty, all stainless steel gauge with welded case-to-stem connection

Stainless steel case and bezel, 316 stainless steel internals

Glycerine filled for added durability in applications where vibration or pulsation is present

SPECIFICATIONS

Dial	1 ½" (40 mm), 2" (50 mm), 2 ½" (63 mm), 4" (100 mm) - See 312D page 40 6" (150 mm) - See 6002 page 54
Case	Stainless steel, glycerine filled (available dry) Welded case-to-stem connection
Wetted Parts	316 stainless steel
3 Bezel	Stainless steel, fixed
Lens	Polycarbonate
Pointer	Black aluminum
Connection	Center back mount 1 ½" dial = ⅛" NPT 2" dial = ⅛" or ¼" NPT 2 ½" dial = ¼" NPT
Scale	Standard: psi/BAR (x 100 = kPa)
Accuracy	3-2-3% of span 1 ½" & 2" ASME B40.1 Grade B 2-1-2% of span 2 ½" ASME B40.1 Grade A 1% of span 4" ASME B40.1 Grade 1A
Ambient Temp	Glycerine Filled = 30° F to 160° F Dry = -30° F to 180° F

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



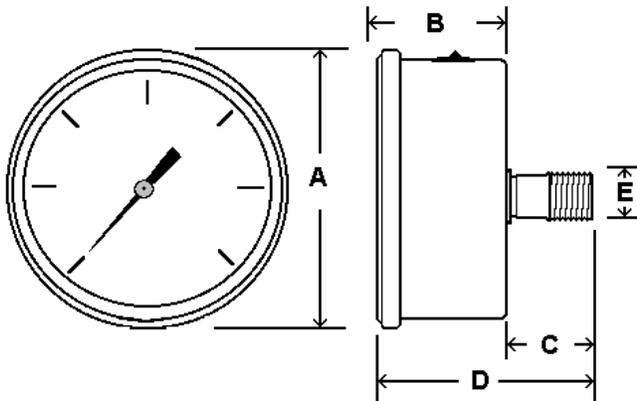
AVAILABLE OPTIONS*

- Certificate of Accuracy, NIST traceable
- Custom Dial
- Liquid Fill Options, see page 173
- Anti-Vibration Movement, see page 107
- Dry, Fillable Case
- Glass Lens
- Cleaned for Oxygen Service (dry only)
- Special Connection Size
- Protective Rubber Cover, see page 119
- Single Scale
- Max/Min Pointer, see page 120

*Lead times/minimums may apply

APPROXIMATE SHIPPING WEIGHTS/ BOX QUANTITIES

Dial Size	Est. Unit Weight	Box Qty
1 ½"	0.20 lbs (0.10 kg)	100
2"	0.40 lbs (0.18 kg)	100
2 ½"	0.60 lbs (0.28 kg)	50



Dial	Unit	A	B	C	D	E
1 ½"	In.	1.83"	1.01"	0.89"	1.90"	⅛" NPT
	mm	46	26	23	48	
2"	In.	2.25"	1.17"	1.00"	2.17"	⅛" or ¼"
	mm	57	30	25	55	
2 ½"	In.	2.71"	1.41"	1.01"	2.42"	¼" NPT
	mm	69	36	26	61.5	

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.

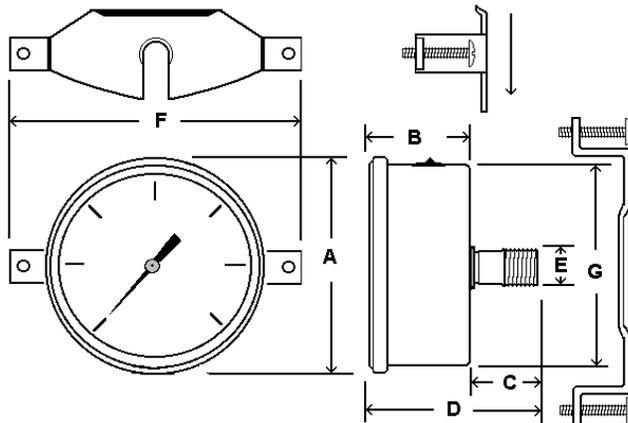
303L ALL STAINLESS U-CLAMP PANEL MOUNT

Heavy duty, all stainless steel gauge with welded case-to-stem connection
 Stainless steel case and bezel, 316 stainless steel internals
 Glycerine filled for added durability in applications where vibration or pulsation is present

SPECIFICATIONS

Dial	1 1/2" (40 mm), 2" (50 mm), 2 1/2" (63 mm), 4" (100 mm) - See 313D page 41
Case	Stainless steel, glycerine filled (available dry) Welded case-to-stem connection
Wetted Parts	316 stainless steel
Bezel	Stainless steel, fixed
Lens	Polycarbonate
Pointer	Black aluminum
Connection	Center back mount with u-clamp 1 1/2" dial = 1/8" NPT 2" dial = 1/8" or 1/4" NPT 2 1/2" dial = 1/4" NPT
Scale	Standard: psi/BAR (x 100 = kPa)
Accuracy	3-2-3% of span 1 1/2" & 2" ASME B40.1 Grade B 2-1-2% of span 2 1/2" ASME B40.1 Grade A
Ambient Temp	Glycerine Filled = 30° F to 160° F Dry = -30° F to 180° F
Process Temp	

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



Dial	Unit	A	B	C	D	E	F	G
1 1/2"	In.	1.83"	1.01"	0.89"	1.90"	1/8"	2.75"	1.61"
	mm	46	26	23	48	NPT		
2"	In.	2.25"	1.17"	1.00"	2.17"	1/8" or	3.13"	2.03"
	mm	57	30	25	55	1/4"		
2 1/2"	In.	2.71"	1.41"	1.01"	2.42"	1/4"	3.84"	2.49"
	mm	69	36	26	61.5	NPT		

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.



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AVAILABLE OPTIONS*

- Certificate of Accuracy, NIST traceable
- Custom Dial
- Liquid Fill Options, see page 173
- Anti-Vibration Movement, see page 107
- Dry, Fillable Case
- Glass Lens
- Cleaned for Oxygen Service (dry only)
- Special Connection Size
- Single Scale
- Max/Min Pointer, see page 120

*Lead times/minimums may apply

APPROXIMATE SHIPPING WEIGHTS/ BOX QUANTITIES

Dial Size	Est. Unit Weight	Box Qty
1 1/2"	0.30 lbs (0.12 kg)	100
2"	0.45 lbs (0.20 kg)	100
2 1/2"	0.70 lbs (0.32 kg)	50



304L ALL STAINLESS FRONT FLANGE PANEL MOUNT

Heavy duty, all stainless steel gauge with welded case-to-stem connection

Stainless steel case and bezel, 316 stainless steel internals

Glycerine filled for added durability in applications where vibration or pulsation is present

SPECIFICATIONS

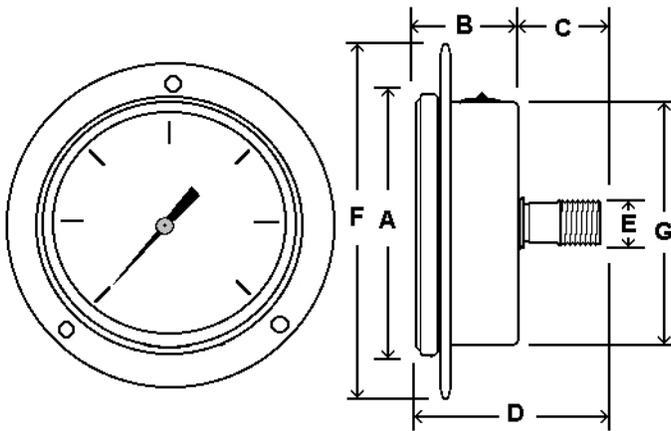
Dial	1 1/2" (40 mm), 2" (50 mm), 2 1/2" (63 mm), 4" (100 mm) - See 314D page 42 6" (150 mm) - See 6004 page 55
Case	Stainless steel, glycerine filled (available dry) Welded case-to-stem connection
Wetted Parts	316 stainless steel
Bezel	Stainless steel, fixed
Lens	Polycarbonate
Pointer	Black aluminum
Connection	Center back mount with front flange 1 1/2" dial = 1/8" NPT 2" dial = 1/8" or 1/4" NPT 2 1/2" dial = 1/4" NPT
Scale	Standard: psi/BAR (x 100 = kPa)
Accuracy	3-2-3% of span 1 1/2" & 2" ASME B40.1 Grade B 2-1-2% of span 2 1/2" ASME B40.1 Grade A
Ambient Temp	Glycerine Filled = 30° F to 160° F Dry = -30° F to 180° F



AVAILABLE OPTIONS*

- Certificate of Accuracy, NIST traceable
- Custom Dial
- Liquid Fill Options, see page 176
- Anti-Vibration Movement, see p. 107
- Dry, Fillable Case
- Glass Lens
- Cleaned for Oxygen Service (dry only)
- Special Connection Size
- Single Scale
- Max/Min Pointer, see p. 121

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



*Lead times/minimums may apply

APPROXIMATE SHIPPING WEIGHTS/ BOX QUANTITIES

Dial Size	Est. Unit Weight	Box Qty
1 1/2"	0.25 lbs (0.10 kg)	upon request
2"	0.40 lbs (0.18 kg)	upon request
2 1/2"	0.65 lbs (0.30 kg)	upon request

Dial	Unit	A	B	C	D	E	F	G
1 1/2"	In.	1.83"	1.01"	0.89"	1.90"	1/8"	2.46"	1.61"
	mm	46	26	23	48	NPT	63	41
2"	In.	2.25"	1.17"	1.00"	2.17"	1/8" or 1/4"	2.81"	2.03"
	mm	57	30	25	55		71	52
2 1/2"	In.	2.71"	1.40"	1.31"	2.71"	1/4"	3.46"	2.49"
	mm	69	36	33	69	NPT	88	63

For complete flange dimensions, see page 123.

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