



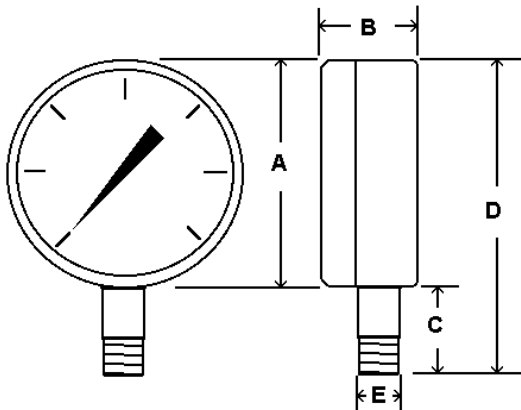
101D UTILITY GAUGE LOWER MOUNT

1 Utility gauge for commercial and industrial markets
Black steel case, chrome bezel, copper alloy internals

SPECIFICATIONS

Dial	1 1/2" (40 mm), 2" (50 mm), 2 1/2" (63 mm), 3 1/2" (88 mm), 4 1/2" (114 mm)
Case	Black steel, dry non-fillable
Wetted Parts	Copper alloy
Bezel	Chrome plated steel, fixed
Lens	Plastic (4 1/2" = glass lens)
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 3 1/2" dial = 1/4" NPT 4 1/2" dial = 1/4" NPT
Scale	Standard: psi/BAR (x 100 = kPa) Single scale psi available from stock
Accuracy	3-2-3% of span, ASME B40.1 Grade B
Ambient Temp	-50° F to 160° F

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



AVAILABLE OPTIONS*

- Certificate of Accuracy, NIST traceable
- Custom Dial
- Anti-Vibration Movement, see page 109
- Glass Lens
- Stainless Steel Case
- Cleaned for Oxygen Service
- Special Connection Size
- Protective Rubber Cover, see page 121
- Max/Min Pointer, see page 122

*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)	200
2"	0.26 lbs (0.12 kg)	100
2 1/2"	0.34 lbs (0.15 kg)	125
3 1/2"	0.50 lbs (0.23 kg)	50
4 1/2"	0.60 lbs (0.27 kg)	50

Dial	Unit	A	B	C	D	E
1 1/2"	In.	1.64"	0.93"	0.65"	2.26"	1/8" NPT
	mm	42	24	17	57	
2"	In.	2.07"	1.06"	0.83"	2.83"	1/8" or 1/4" NPT
	mm	53	27	21	72	
2 1/2"	In.	2.5"	1.13"	0.88"	3.31"	1/4" NPT
	mm	63	29	22	84	
3 1/2"	In.	3.54"	1.12"	1.02"	4.49"	1/4" NPT
	mm	90	28	26	114	
4 1/2"	In.	4.79"	1.12"	1.10"	5.8"	1/4" NPT
	mm	122	29	28	147	

102D UTILITY GAUGE CENTER BACK MOUNT

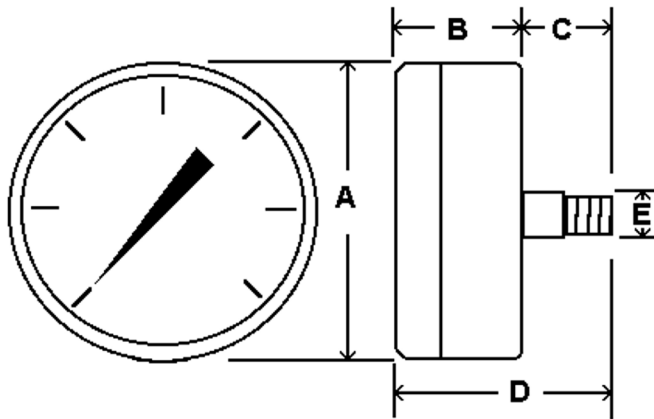


Utility gauge for commercial and industrial markets
Black steel case, chrome bezel, copper alloy internals

SPECIFICATIONS

Dial	1 ½" (40 mm), 2" (50 mm), 2 ½" (63 mm), 3 ½" (88 mm), 4 ½" (114 mm)
Case	Black steel, dry non-fillable
Wetted Parts	Copper alloy
Bezel	Chrome plated steel, fixed
Lens	Plastic
Pointer	Black aluminum
Connection	Center back mount 1 ½" dial = ⅛" NPT 2" dial = ⅛" or ¼" NPT 2 ½" dial = ¼" NPT 3 ½" dial = ¼" NPT 4 ½" dial = ¼" NPT
Scale	Standard: psi/BAR (x 100 = kPa)
Accuracy	3-2-3% of span, ASME B40.1 Grade B
Ambient Temp	-50° F to 160° F

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



Dial	Unit	A	B	C	D	E
1 ½"	In.	1.64"	0.93"	0.63"	1.54"	⅛" NPT
	mm	42	24	16	39	
2"	In.	2.07"	1.03"	0.89"	1.90"	⅛" or ¼" NPT
	mm	53	26	23	48	
2 ½"	In.	2.5"	1.17"	0.90"	1.97"	¼" NPT
	mm	63	30	23	50	
3 ½"	In.	3.49"	1.22"	0.83"	2.02"	¼" NPT
	mm	89	31	21	51	
4 ½"	In.	4.5"	1.31"	0.94"	2.18"	¼" NPT
	mm	114	33	24	55	

AVAILABLE OPTIONS*

- Certificate of Accuracy, NIST traceable
- Custom Dial
- Anti-Vibration Movement, see page 109
- Glass Lens
- Stainless Steel Case
- Cleaned for Oxygen Service
- Special Connection Size
- Protective Rubber Cover, see page 121
- Max/Min Pointer, see page 122

*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)	200
2"	0.26 lbs (0.13 kg)	100
2 ½"	0.34 lbs (0.17 kg)	125
3 ½"	0.45 lbs (0.22 kg)	50
4 ½"	0.65 lbs (0.30 kg)	25



103D UTILITY GAUGE U-CLAMP PANEL MOUNT

1 Utility gauge for commercial and industrial markets
Chrome case and bezel, copper alloy internals

SPECIFICATIONS

Dial	1 1/2" (40 mm), 2" (50 mm), 2 1/2" (63 mm), 3 1/2" (88 mm)
Case	Chrome plated steel, dry non-fillable (3 1/2" = painted steel with plastic, twist-off lens)
Wetted Parts	Copper alloy
Bezel	Chrome plated steel, fixed
Lens	Plastic
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 3 1/2" dial = 1/4" NPT
Scale	Standard: psi/BAR (x 100 = kPa)
Accuracy	3-2-3% of span, ASME B40.1 Grade B
Ambient Temp	-50° F to 160° F



AVAILABLE OPTIONS*

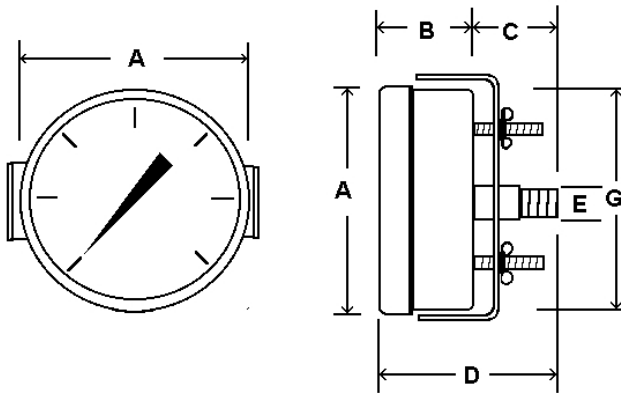
- Certificate of Accuracy, NIST traceable
- Custom Dial
- Anti-Vibration Movement, see page 109
- Glass Lens
- Stainless Steel Case
- Cleaned for Oxygen Service
- Special Connection Size
- Protective Rubber Cover, see page 121
- Max/Min Pointer, see page 122

*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"	0.30 lbs (0.14 kg)	100
2 1/2"	0.35 lbs (0.18 kg)	100
3 1/2"	0.60 lbs (0.26 kg)	50

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



Dial	Unit	A	B	C	D	G	E
1 1/2"	In.	1.84"	1.03"	0.63"	1.61"	1.61"	1/8" NPT
	mm	47	26	16	41	41	
2"	In.	2.31"	1.18"	0.73"	1.84"	2.04"	1/8" or 1/4" NPT
	mm	59	30	19	47	52	
2 1/2"	In.	2.68"	1.12"	0.76"	1.87"	2.44"	1/4" NPT
	mm	68	28	19	48	62	
3 1/2"	In.	3.98"	1.23"	0.67"	2.02"	3.59"	1/4" NPT
	mm	101	31	17	51	91	

104D UTILITY GAUGE FRONT FLANGE PANEL MOUNT

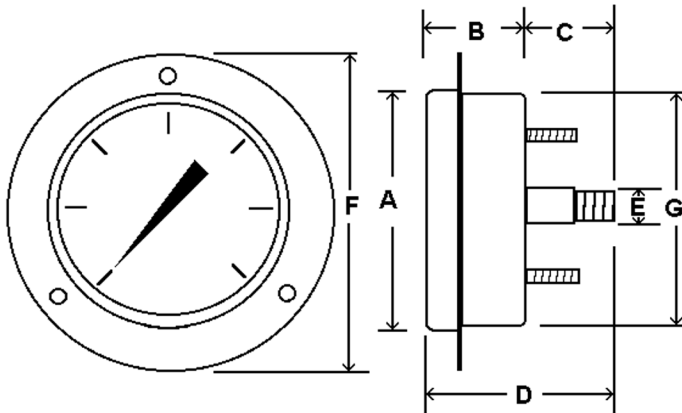


Utility gauge for commercial and industrial markets
Chrome case and bezel, copper alloy internals

SPECIFICATIONS

Dial	1 ½" (40 mm), 2" (50 mm), 2 ½" (63 mm), 3 ½" (88 mm) - See 203D-354 p. 20
Case	Chrome plated steel, dry non-fillable
Wetted Parts	Copper alloy
Bezel	Chrome plated steel, fixed
Lens	Plastic
Pointer	Black aluminum
Connection	Center back mount with front flange Ships with u-clamp 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, ASME B40.1 Grade B
Ambient Temp	-50° F to 160° F

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



AVAILABLE OPTIONS*

- Certificate of Accuracy, NIST traceable
- Custom Dial
- Anti-Vibration Movement, see page 109
- Glass Lens
- Stainless Steel Case
- Cleaned for Oxygen Service
- Special Connection Size
- Protective Rubber Cover, see page 121
- Max/Min Pointer, see page 122

*Lead times/minimums may apply

APPROXIMATE SHIPPING WEIGHTS/ BOX QUANTITIES

Dial	Unit	A	B	C	D	F	G	E
1 ½"	In.	1.84"	1.03"	0.63"	1.61"	2.23"	1.61"	⅛" NPT
	mm	47	26	16	41	57	41	
2"	In.	2.31"	1.18"	0.73"	1.84"	2.81"	2.04"	⅛" or ¼" NPT
	mm	59	30	19	47	71	52	
2 ½"	In.	2.68"	1.12"	0.76"	1.87"	3.47"	2.44"	¼" NPT
	mm	68	28	19	48	88	62	

Dial Size	Est. Unit Weight	Box Qty
1 ½"	0.20 lbs (0.10 kg)	upon request
2"	0.35 lbs (0.16 kg)	upon request
2 ½"	0.40 lbs (0.18 kg)	upon request

For complete flange dimensions, see page 123.