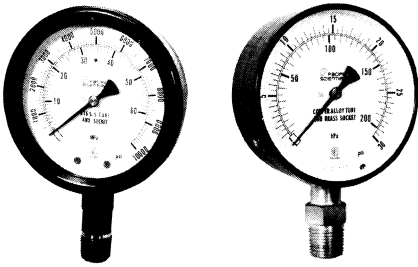


**Industrial Gauge
Model I
1% — ANSI Grade A**



Standard Ranges

Ranges (PSIG)	Value of Smallest Graduation**	
	in Hg	psig
30''-0-15	1	1
30''-0-30	1	1
30''-0-60	2	2
30''-0-100	2	2
30''-0-160	5	5
30''-0-300	5	5
0-30'' VAC	0.5 in Hg	
0-15	0.2 psig	
0-30	0.5	
0-60	1	
0-100	1	
0-160	2	
0-200	2	
0-300	5	
0-400	5	
0-600	5	
0-800	10	
0-1000	10	
0-1500	10	
0-2000	20	
0-3000	20	
0-5000	50	
0-6000	50	
0-10,000*	100	
0-15,000*	100	

*Not available in 3'' size

**For 4'' and 6'' sizes.

Industrial Gauge — Model 1

Designed to meet the demands of process and general industrial service, these gauges are of the same high quality as our process gauges but with 1% accuracy. Full independent adjustments for span and linearity; zero adjustment optional.

Specifications:

- Size:** 3'' (75mm), 4'' (100mm), 6'' (150mm), 8'' (200mm)
- Case & Ring:**
 - Black phenolic plastic, threaded ring (weather-proof) case
 - Cast aluminum, threaded ring (weather-proof) case with black epoxy finish.
 - Aluminum, slip ring case, black epoxy finish
- Window:** Glass to 1500 psig. Acrylic above 1500 psig. (Acrylic optionally available for all ranges)
- Pointer:** Standard black
- Dial:** Aluminum, white background with black markings — dual scale psig/metric (single scale optional)
- Bourdon Tube & Socket Materials:**
 - Vacuum to 400 psig: copper alloy tube and brass socket, soldered.
 - 600 psig to 5000 psig: 316 S.S. tube and brass socket, silver brazed.
 - 6000-15,000 psig: 316 S.S. tube and socket, heliarc welded.
 - 316 S.S. tube and socket available for all ranges
- Connection:** ¼'' or ½'' NPT bottom or lower back (¼'' NPT only on 3''; ½'' NPT only on 8'' size)
- Movement:** Rotary geared: Brass & steel or stainless steel
- Accuracy:** ± 1% (ANSI Grade A)

Mountings:

- Stem mount (not available on 8'' size)
- Wall or surface mount
- Flush panel mount with 3 rear mounting clamps
- Flush panel mount with flange mounting holes

Options:

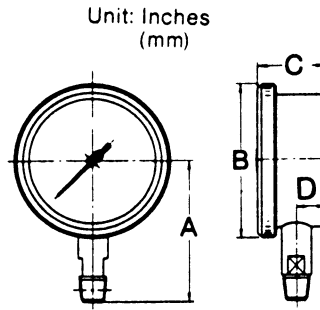
- Micrometer adjustable pointer
- Internal pulsation restriction
- Brass case
- Nickel plated case
- Heat treated safety glass
- Oxygen service
- Freon service
- Ammonia service
- Auxiliary setting pointer
- Maximum pointer

For correct use and application of pressure gauges — see PRESSURE GAUGE STANDARD ANSI B40.1

Dimensions

Industrial — Stem Mount — Weatherproof Case

Size	Conn.	A	B	C***	D
3" (75)	¼" NPT	2.91 (74)	3.62 (92)	1.85 (47)	0.79 (20)
4" (100)	¼" or ½" NPT	4.33* (110)*	4.65 (118)	2.05 (52)	0.87 (22)
6" (150)	¼" or ½" NPT	4.92** (125)**	6.77 (172)	2.48 (63)	0.98 (25)



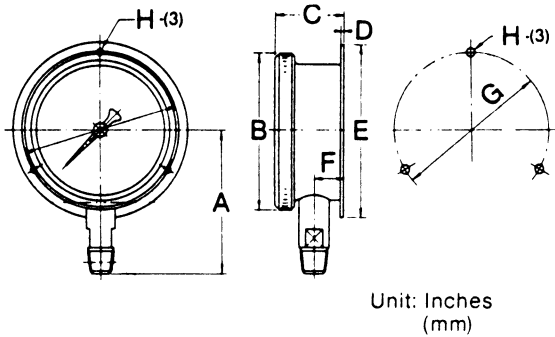
Phenolic Weatherproof Case

Size	Conn.	A	B	C	D
3" (75)	¼" NPT	2.91 (74)	3.70 (94)	1.89 (48)	0.79 (20)
4" (100)	¼" or ½" NPT	4.33* (110)*	4.72 (120)	2.13 (54)	0.90 (23)
6" (150)	¼" or ½" NPT	4.92** (125)**	6.93 (176)	2.52 (64)	0.98 (25)

Industrial — Wall or Surface Mount — Phenolic Weatherproof Case

Size	Conn.	A	B	C	D	E	F	G	H
3" (75)	¼" NPT	2.91 (74)	3.70 (94)	1.89 (48)	0.16 (4)	3.92 (98)	0.79 (20)	3.52 (88)	0.18 (4.5)
4" (100)	¼" or ½" NPT	4.40* (110)*	4.80 (120)	2.16 (54)	0.16 (4)	5.04 (128)	0.87 (22)	4.53 (115)	0.22 (5.5)
6" (150)	¼" or ½" NPT	5.0** (125)**	7.04 (176)	2.56 (64)	0.18 (4.5)	7.12 (178)	1.0 (25)	6.60 (165)	0.22 (5.5)

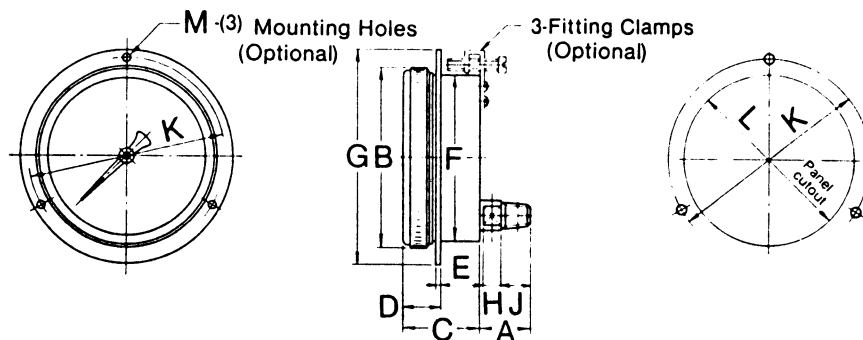
*¼" NPT "A" dimension is 0.16" (4mm) shorter than ½" NPT "A" dimension shown above.
 **¼" NPT "A" dimension is 0.35" (9mm) shorter than ½" NPT "A" dimension shown above.



Weatherproof Case

Size	Conn.	A	B	C***	D	E	F	G	H
3" (75)	¼" NPT	2.91 (74)	3.62 (92)	1.85 (47)	0.1 (2.5)	3.86 (98)	0.79 (20)	3.46 (88)	0.18 (4.5)
4" (100)	¼" or ½" NPT	4.33* (110)*	4.65 (118)	2.05 (52)	0.1 (2.5)	5.04 (128)	0.87 (22)	4.53 (115)	0.22 (5.5)
6" (150)	¼" or ½" NPT	4.92** (125)**	6.77 (172)	2.48 (63)	0.1 (2.5)	7.01 (178)	0.98 (25)	6.50 (165)	0.22 (5.5)
8" (200)	½" NPT	5.91 (150)	8.74 (222)	2.56 (65)	0.1 (2.5)	9.25 (235)	0.98 (25)	8.66 (220)	0.22 (5.5)

Industrial — Flush Panel Mount — Weatherproof Case

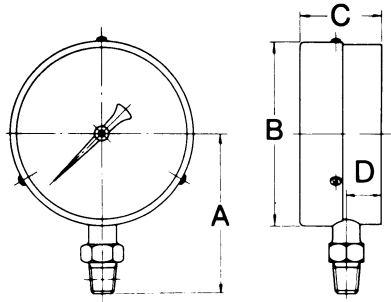


Size	Conn.	A	B	C	D	E	F	G	H	J	K	L	M
3" (75)	¼" NPT	1.10 (28)	3.31 (84)	1.81 (46)	0.83 (21)	0.08 (2)	3.03 (77)	3.86 (98)	0.47 (12)	0.63 (16)	3.46 (88)	3.11 (79)	0.13 (3.4)
4" (100)	¼" or ½" NPT	1.10 (28)	4.29 (109)	1.89 (48)	0.86 (21.8)	0.1 (2.5)	4.02 (102)	5.04* (128)*	0.47 (12)	0.79 (20)	4.68 (119)	4.09 (104)	0.22 (5.5)
6" (150)	¼" or ½" NPT	1.10 (28)	6.22 (158)	2.48 (63)	1.04 (26.5)	0.12 (3)	5.98 (152)	7.01** (178)**	0.47 (12)	0.79 (20)	6.5 (165)	6.06 (154)	0.22 (5.5)
8" (200)	½" NPT	1.26 (32)	8.27 (210)	2.48 (63)	1.04 (26.5)	0.12 (3)	7.99 (203)	9.25 (235)	0.47 (12)	0.79 (20)	8.66 (220)	8.07 (205)	0.22 (5.5)

¼" NPT "A" dimension is 0.16" (4mm) shorter than ½" NPT "A" dimension shown above.
 **¼" NPT "A" dimension is 0.35" (9mm) shorter than ½" NPT "A" dimension shown above.
 ***For Model L, with dial size in 3 in/75mm, the case depth or "C" dimension is 1.93 in/49mm. For Model L 4 in/100mm, case depth is 2.05 in/52mm.
 For both 6 in/105mm and 8 in/200mm, case depth is 2.40 in/61mm.

Dimensions

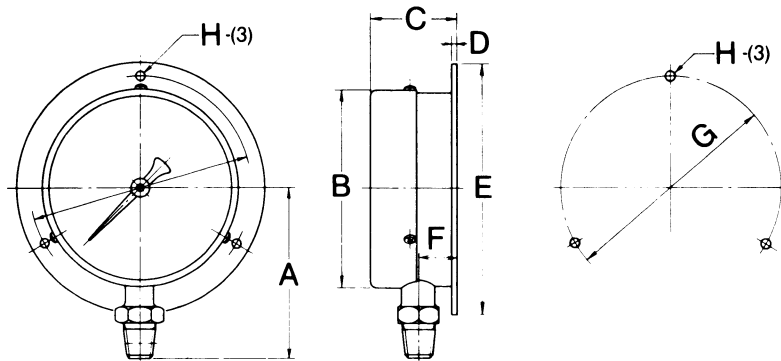
Industrial Gauge — Stem Mount — Slip Ring Case



Size	Conn.	A	B	C	D
3" (75)	¼" NPT	2.68 (68)	3.07 (78)	1.57 (40)	0.63 (16)
4" (100)	¼" or ½" NPT	3.78* (96)*	4.06 (103)	1.77 (45)	0.79 (20)
6" (150)	¼" or ½" NPT	4.92* (125)*	6.02 (153)	1.97 (50)	0.79 (20)

Unit: Inches
(mm)

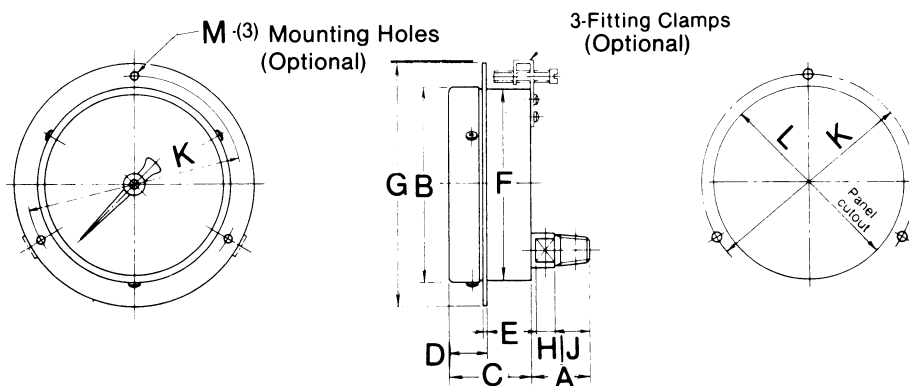
Industrial Gauge — Wall or Surface Mount — Slip Ring Case



Size	Conn.	A	B	C	D	E	F	G	H
3" (75)	¼" NPT	2.68 (68)	3.07 (78)	1.57 (40)	0.08 (2)	3.86 (98)	0.63 (16)	3.46 (88)	0.18 (4.5)
4" (100)	¼" or ½" NPT	3.78* (96)*	4.06 (103)	1.77 (45)	0.1 (2.5)	5.04 (128)	0.79 (20)	4.53 (115)	0.22 (5.5)
6" (150)	¼" or ½" NPT	4.92* (125)*	6.02 (153)	1.97 (50)	0.1 (2.5)	7.01 (178)	0.79 (20)	6.5 (165)	0.22 (5.5)
8" (200)	½" NPT	5.98 (152)	8.03 (204)	2.28 (58)	0.1 (2.5)	9.25 (235)	0.94 (24)	8.66 (220)	0.22 (5.5)

Unit: Inches
(mm)

Industrial Gauge — Flush Mount — Slip Ring Case



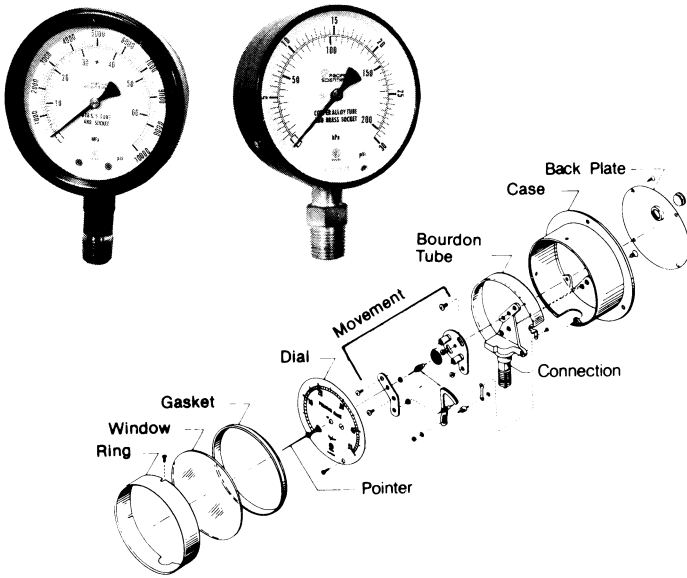
Size	Conn.	A	B	C	D	E	F	G	H	J	K	L	M
3" (75)	¼" NPT	1.1 (28)	3.07 (78)	1.57 (40)	0.75 (19)	0.08 (2)	3.03 (77)	3.86 (98)	0.47 (12)	0.63 (16)	3.46 (88)	3.11 (79)	0.18 (4.5)
4" (100)	¼" or ½" NPT	1.26** (32)**	4.06 (103)	1.77 (45)	0.83 (21)	0.1 (2.5)	4.02 (102)	5.04 (128)	0.47 (12)	0.78 (20)	4.53 (115)	4.09 (104)	0.22 (5.5)
6" (150)	¼" or ½" NPT	1.26** (32)**	6.02 (153)	1.97 (50)	0.94 (24)	0.1 (2.5)	5.98 (152)	7.01 (178)	0.47 (12)	0.78 (20)	6.5 (165)	6.06 (154)	0.22 (5.5)
8" (200)	½" NPT	1.26 (32)	8.03 (204)	1.97 (50)	0.71 (18)	0.12 (3)	7.99 (203)	9.25 (235)	0.47 (12)	0.78 (20)	8.66 (220)	8.07 (205)	0.22 (5.5)

Unit: Inches
(mm)

*¼" NPT "A" dimension is 0.16" (4mm) shorter than ½" NPT "A" dimension shown above.

**¼" NPT "A" dimension is 0.35" (9mm) shorter than ½" NPT "A" dimension shown above.

Medium Low Pressure Industrial Gauge Model L 1%— ANSI Grade A



Standard Ranges

Ranges (PSIG)	Smallest Graduation (PSIG)
0-4**	0.05
0-6	0.05
0-7	0.05
0-12	0.1

* Available in any units within these ranges — i.e. Inches H₂O, mmHg, Feet H₂O, m Kg/Cm²
 **0-4 psig range available only in slip ring case style in 3", 4" and 6" dial size.

Options:

- Acrylic Window
- Micrometer adjustable pointer
- Internal pulsation restriction
- Brass case
- Nickel plated case
- Heat treated safety glass
- Oxygen service
- Auxiliary setting pointer

For correct use and application of pressure gauges — see PRESSURE GAUGE STANDARD ANSI B40.1

Medium Low Pressure Gauge — Model L

Designed to meet the demands of process and general industrial service. A unique bourdon tube gauge of Industrial Process Quality in ranges that fall between standard gauge ranges and low pressure bellows or diaphragm gauge ranges. Full, independent adjustments for span and linearity; zero adjustment optional.

Specifications:

- Size:** 3" (75mm), 4" (100mm), 6" (150mm), 8" (200mm)
 Note: 3" (75mm) available in slip ring case only
- Case & Ring:** • Black phenolic plastic, threaded ring (weather-proof) case
- Cast aluminum, threaded ring (weather-proof) case with black epoxy finish.
 - Aluminum, slip ring case, black epoxy finish
- Window:** Glass
- Pointer:** Standard black
- Dial:** Aluminum, white background with black markings
- Bourdon Tube & Socket Materials:**
- Copper alloy tube and brass socket (soldered)
 - 316 S.S. tube and socket (Heliarc welded)
- Connection:** ¼" or ½" NPT bottom or lower back (¼" NPT only on 3"; ½" NPT only on 8" size)
- Movement:** Rotary geared: Brass & steel or stainless steel
- Accuracy:** ± 1% (ANSI Grade A)

Mountings:

- Stem mount (not available on 8" size)
- Wall or surface mount
- Flush panel mount with 3 rear mounting clamps
- Flush panel mount with flange mounting holes

Distributed by: