



by Industrial Controls

Model 20A Stainless Steel Case Gauge

- High quality liquid-fillable gauges
- Glycerine filling helps dampen effects of pulsation and vibration, while perpetually lubricating the movement, thus keeping contaminants away from all moving parts
- Typically used on applications not corrosive to Brass and Bronze wetted parts where glycerine filling is suitable for use

General Specifications:

- ✓ Stainless Steel Case and Bezel
- ✓ Brass Internals & Connections
- ✓ Phosphor Bronze Bourdon Tube
- ✓ Glycerine Fill Standard
- ✓ Accuracy: 1 1/2", 2" = 2%; 2 1/2" = 1.5%
3 1/2", 4" = 1%
- ✓ Ambient Temp: Filled: 30 to 160° F
Dry: -30 to 180° F



Available Dial Sizes:

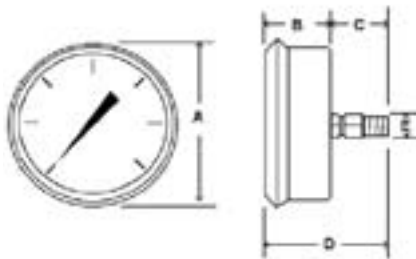
1 1/2", 2", 2 1/2", 3 1/2", 4"

Available Connection Sizes:

1/8" NPT on 1 1/2" & 2" Dial Sizes
1/4" NPT on 2", 2 1/2", 3 1/2", 4" Dial Sizes
1/2" NPT on 4"

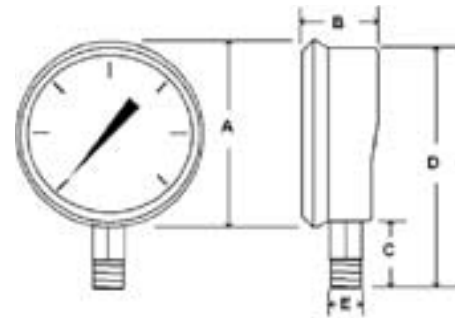
Dial Scale:

Dual Scale: PSI & BAR (x100=kPa)
Other Scales By Special Request



Back Connection Dimensions

		A	B	C	D	E
1 1/2" Dial	In.	1.88	1.06	.89	1.95	1/8" NPT
	MM	48	27	23	50	
2" Dial	In.	2.23	1.09	.71	1.99	1/8" or 1/4" NPT
	MM	57	28	23	51	
2 1/2" Dial	In.	2.80	1.28	1.18	2.46	1/4" NPT
	MM	71	33	30	63	
3 1/2" Dial	In.	3.82	1.14	1.08	2.20	1/4" NPT
	MM	97	29	27	56	
4" Dial	In.	4.32	1.63	1.14	2.77	1/4" or 1/2" NPT
	MM	110	42	29	71	



Lower Connection Dimensions

		A	B	C	D	E
1 1/2" Dial	In.	1.88	1.06	.89	2.77	1/8" NPT
	MM	48	27	23	58	
2" Dial	In.	2.24	1.27	.71	2.80	1/8" or 1/4" NPT
	MM	57	32	23	71	
2 1/2" Dial	In.	2.73	1.35	1.07	3.55	1/4" NPT
	MM	70	34	27	90	
4" Dial	In.	4.32	1.63	1.25	5.57	1/4" or 1/2" NPT
	MM	110	42	32	141	

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Model 20A Part Numbering System

Example: 25 20AL 2B 100

Dial	Model	Connection	Range
25	2 0 AL	2B	100

Dial Size	
15 =	1 1/2"
20 =	2"
25 =	2 1/2" (63 mm)
35 =	3 1/2"
40 =	4" (100 mm)

Gauge Type	
2 =	Stainless Case 1.5% Accuracy

Case Type	
0 =	Plain

Tube Material & Fill	
A =	Bronze Dry
AL =	Bronze Filled

Connection	
1L =	1/8" Lower
1B =	1/8" Back
2L =	1/4" Lower
2B =	1/4" Back
4L =	1/2" Lower
4B =	1/2" Back

Range	
VAC =	30-0" HG Vacuum
VAC/15 =	30" HG & 0-15 psi
VAC/30 =	30" HG & 0-30 psi
VAC/100 =	30" HG & 0-100 psi
15 =	0-15 psi
30 =	0-30 psi
60 =	0-60 psi
100 =	0-100 psi
160 =	0-160 psi
200 =	0-200 psi
300 =	0-300 psi
400 =	0-400 psi
600 =	0-600 psi
1000 =	0-1,000 psi
1500 =	0-1,500 psi
2000 =	0-2,000 psi
3000 =	0-3,000 psi
4000 =	0-4,000 psi
5000 =	0-5,000 psi
6000 =	0-6,000 psi
10000 =	0-10,000 psi
15000 =	0-15,000 psi

The most common ranges are listed here. Call for availability of additional ranges.

Contact us for information on our complete gauge line Other ranges and styles are available
Stock gauges are available off the shelf Delivery on non-stock gauges is typically one week or less
Visit us on the web at: icon-control.com • Email: moreinfo@icon-control.com



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Model 20S Stainless Steel Gauge

- High quality liquid-fillable gauges
- Glycerine filling helps dampen effects of pulsation and vibration, while perpetually lubricating the movement, thus keeping contaminants away from all moving parts
- Typically used on applications not corrosive to 316 LSS wetted parts where glycerine filling is suitable for use

General Specifications:

- ✓ Stainless Steel Case and Bezel
- ✓ Stainless Steel Internals
- ✓ 316 SS Bourdon Tube and Connections
- ✓ Glycerine Fill Standard
- ✓ Accuracy: $1\frac{1}{2}"$, $2\frac{1}{2}"$ = 1.5%
4" = 1%
- ✓ Ambient Temp: Filled: 30 to 160° F
Dry: -30 to 180° F



Available Dial Sizes:

$1\frac{1}{2}"$, $2\frac{1}{2}"$, 4"

Available Connection Sizes:

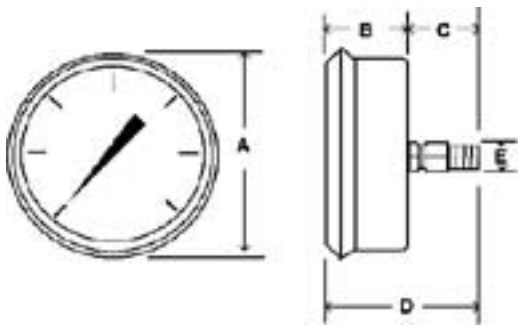
$\frac{1}{8}"$ NPT on $1\frac{1}{2}"$ Dial Size

$\frac{1}{4}"$ NPT on $2\frac{1}{2}"$, 4" Dial Sizes

$\frac{1}{2}"$ NPT on 4"

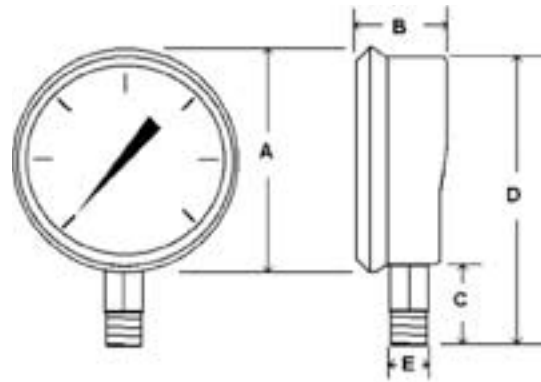
Dial Scale:

Dual Scale: PSI & BAR (x100=kPa)
Other Scales By Special Request



Back Connection Dimensions

		A	B	C	D	E
1 1/2" Dial	In.	1.88	1.06	.89	1.95	1/8" NPT
	MM	48	27	23	50	
2" Dial	In.	2.23	1.09	.71	1.99	1/8" or 1/4" NPT
	MM	57	28	23	51	
2 1/2" Dial	In.	2.80	1.28	1.19	2.46	1/4" NPT
	MM	71	33	39	63	



Lower Connection Dimensions

		A	B	C	D	E
2 1/2" Dial	In.	2.67	1.30	1.04	3.50	1/4" NPT
	MM	68	33	26	89	
4" Dial	In.	4.32	1.63	1.25	5.57	1/4" or 1/2" NPT
	MM	10	42	32	141	

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Model 20S Part Numbering System

Example: 15 20S 1B 100

Dial	Model	Connection	Range
15	2 0 S	1B	100

Dial Size
15 = 1 1/2"
20 = 2"
25 = 2 1/2" (63 mm)
40 = 4" (100 mm)

Gauge Type
2 = Stainless Case 1.5% Accuracy

Case Type
0 = Plain

Tube Material & Fill
S = Stainless Steel Dry
SL = Stainless Steel Filled

Connection
1L = 1/8" Lower
1B = 1/8" Back
2L = 1/4" Lower
2B = 1/4" Back
4L = 1/2" Lower

Range
VAC = 30-0" HG Vacuum
VAC/30 = 30" HG & 0-30 psi
VAC/60 = 30" HG & 0-60 psi
VAC/300 = 30" HG & 0-300 psi
15 = 0-15 psi
30 = 0-30 psi
60 = 0-60 psi
100 = 0-100 psi
160 = 0-160 psi
200 = 0-200 psi
300 = 0-300 psi
600 = 0-600 psi
1000 = 0-1,000 psi
2000 = 0-2,000 psi

The most common ranges are listed here. Call for availability of additional ranges.

Contact us for information on our complete gauge line Other ranges and styles are available
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