



Bourdon Tube Pressure Gauges

ABS Plastic or Painted Steel Case

Copper Alloy Wetted Parts

Receiver Gauge- Center Back Mount Standard Series

Type 111.12RC

Pressure Gauges

Application

Fluid medium which does not clog connection port or corrode copper alloy. Example: hydraulic and pneumatic systems, pumps, compressors, water systems, regulators.

Sizes (All sizes not stocked)

2½", 3½" and 4" (63, 94 and 100 mm)

Accuracy

± 3/2/3% of span (ASME B40.1 Grade B)

Ranges (All ranges not stocked)

3...15psi

Working Range

Steady: 3/4 of full scale value

Fluctuating: 2/3 of full scale value

Short time: full scale value

Operating Temperature

Ambient: -40°F to 140°F (-40°C to 60°C)

Media: max. 140°F (+60°C)

Temperature Error

Additional error when temperature changes from reference temperature of 68°F (20°C) ±0.4% for every 18°F (10°C) rising or falling. Percentage of span.

Standard Features

Connection

Material: copper alloy
Center back mount (CBM)
1/8" or 1/4" NPT

Bourdon Tube

Material: copper alloy

Movement

Copper alloy

Dial

White plastic with stop pin (2½")
White aluminum with stop pin (3½", 4")
Black or black and red lettering

Pointer

Black ABS plastic
(3½" attached - black aluminum)

Case

Black ABS plastic (2½")
Black painted steel (3½" & 4")

Standard Scales

0/100% of linear
0/10 sq. rt



Bezel

None (1½", 2", 2½", & 4")
Black-painted steel (3½" & 4")

Window

Snap-in acrylic (2½", & 4")
Threaded polycarbonate (3½")

U-clamp Option

3½" only: steel zinc plated j-clamps, without ring

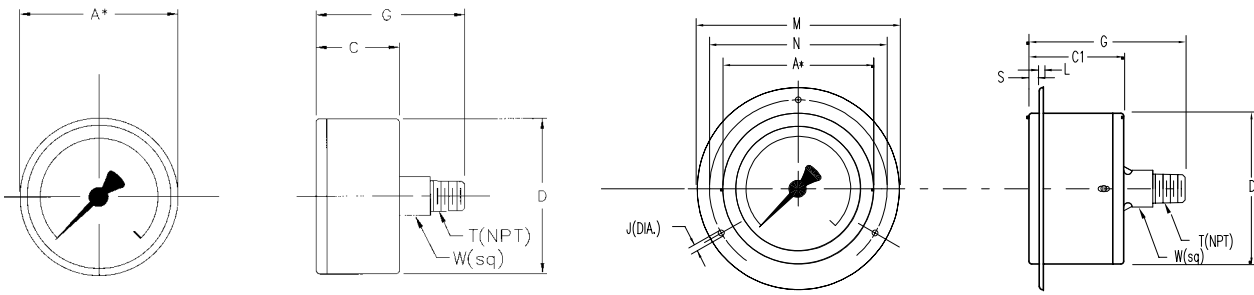
Order Options (min. order may apply)

Front flange (2½", or 4")
Brass threaded or press fit restrictor
Slip-fit or friction ring (2½" & 4")
Case with blow-out plug (2½" & 4")
Glass window (2½" & 4")
Black painted steel case
Stainless steel case (2½" & 4")
Special connections limited to wrench flat area
Cleaned for oxygen service
Nickel plated connection
Medical specification
Rubber cover (2½")
Custom dial layout
DIN standards
Red set pointer on aluminum dial (2½" & 4")

APM111.12RC

(APM01.01)

Dimensions:



111.10 CBM

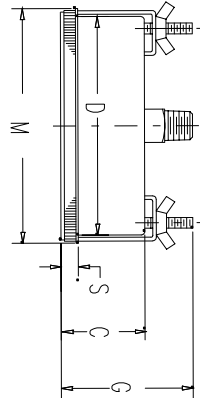
111.10 CBM / FF

A* Nominal Size

TYPE/SIZE	WEIGHT	KEY	A	C1	D	G (1)	T	W (2)
111.10 2.5" LM/CBM	0.29 lbs.	mm	63	27.5	61.5	48	1/8" or 1/4" NPT	14
		in	2.48	1.08	2.42	1.89		0.55
111.10 4" LM/CBM	0.46 lbs.	mm	100	31	99	49	1/8" or 1/4" NPT	14
		in	3.94	1.22	3.9	1.93		0.55

111.10 2.5" CBM/FF	0.40 lbs.	mm	63	27.5	68	52.1	3.6	2	85	75	3.8	1/8" or 1/4" NPT	14
		in	2.48	1.08	2.68	2.05	0.14	0.08	3.35	2.95	0.15		.55

NOTE: (1) For gauges with 1/8" NPT connections, subtract 0.08 inches (2mm) from G dimension.



A* NOMINAL SIZE

111.10	WEIGHT	KEY	A*	C	D	G	M	S	T	W
3.5" CBM/UC	0.55 lbs.	mm	80	36	93	57	100	8	--	14
		in	3.5	1.42	3.66	2.24	3.93	.32	1/4"	.55

**THE MEASURE OF
Total Performance™**

Ordering Information:

State computer part number (if available) / type number / size / range / connection size and location / options required.

Specifications given in this price list represent the state of engineering at the time of printing. Modifications may take place and the specified materials may change without prior notice



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