

INDUSTRIAL PROCESS GAUGES

SERIES #20

(For SOLID FRONT SAFETY PROCESS GAUGES, see Pages 6-7)

This series is designed for the rugged applications of demanding industries such as chemical, petroleum, and other services where accurate and dependable gauges are required.

STANDARD FEATURES:

MOVEMENT: Stainless steel rotary geared movement with dissimilar stainless steel bushings and stainless steel link and screws.

POINTER: Lightweight balanced construction with Micrometer adjustment feature.

DIAL: Heavy gauge aluminum.

WINDOW*: Glass.

CONNECTION: 1/4" or 1/2" NPT male connection at bottom or back of case.

ACCURACY: ASME/ANSI B40.1 Grade 2A (1/2%).

* Additional options available as noted on next page.



4½", 6" and 8½" SIZES

BOURDON TUBE:

ORDER CODE	BOURDON TUBE:	RANGES TO:
1	Phosphor bronze tubing silver brazed to brass machined socket.	1,000 psi
3	Type 316 stainless steel tubing welded to type 316 stainless steel machined socket.	10,000 psi

STANDARD RANGES:

STANDARD DIAL RANGE	MAJOR	MINOR	ORDER CODE	AVAILABLE SIZES:			STANDARD DIAL RANGE	MAJOR	MINOR	ORDER CODE	AVAILABLE SIZES:		
				4½"	6"	8½"***					4½"	6"	8½"***
0-30" VAC.	5"	.20"	01	✓	✓	✓	0-200 psi	20 psi	2 psi	07	✓	✓	✓
30"-0-15 psi	5" & 3 psi	1" & .50 psi	21	✓	✓	✓	0-300 psi	50 psi	2 psi	08	✓	✓	✓
30"-0-30 psi	10" & 5 psi	1" & .50 psi	22	✓	✓	✓	0-400 psi	50 psi	5 psi	09	✓	✓	✓
30"-0-60 psi	10" & 10 psi	1" & 1 psi	23	✓	✓	✓	0-500 psi	50 psi	5 psi	10	✓	✓	✓
30"-0-100 psi	30" & 10 psi	2" & 1 psi	24	✓	✓	✓	0-600 psi	50 psi	5 psi	11	✓	✓	✓
30"-0-150 psi	30" & 30 psi	5" & 2 psi	25	✓	✓	✓	0-800 psi	100 psi	10 psi	12	✓	✓	✓
30"-0-200 psi	30" & 20 psi	5" & 2 psi	26	✓	✓	✓	0-1000 psi	100 psi	10 psi	13	✓	✓	✓
30"-0-300 psi	30" & 50 psi	5" & 2 psi	27	✓	✓	✓	0-1500 psi	200 psi	10 psi	14	✓	✓	✓
30"-0-400 psi	30" & 50 psi	10" & 5 psi	28	✓	✓		0-2000 psi	200 psi	20 psi	15	✓	✓	✓
30"-0-600 psi	30" & 50 psi	10" & 5 psi	74	✓	✓		0-3000 psi	500 psi	20 psi	16	✓	✓	✓
0-15 psi	1 psi	.10 psi	02	✓	✓	✓	0-5000 psi	500 psi	50 psi	17	✓	✓	✓
0-30 psi	5 psi	.20 psi	03	✓	✓	✓	0-10000 psi	1000 psi	100 psi	18	✓	✓	✓
0-60 psi	5 psi	.50 psi	04	✓	✓	✓							
0-100 psi	10 psi	1 psi	05	✓	✓	✓							
0-160 psi	20 psi	1 psi	06	✓	✓	✓							

* Above PSI Ranges are available with dual scale metric KPA or BAR scales (see page 11). Note* 8-1/2" gauges are PSI only.

** Increments may vary on 8-1/2" dials.

AVAILABLE CASE STYLES. See Page 10 for CASE DIMENSIONS:

STYLE #1

4½" Only

Aluminum Back Flange Case
Stainless Steel Slip Fit Ring
(Bottom or Back Connection)



STYLE #2

6" and 8½" Only

Aluminum Back Flange Case, Threaded Ring
(Bottom or Back Connection)



STYLE #5

4½" Only

Molded Turret Case,
Snap Ring Panel Mount Case, Hinged
(Bottom or Back Connection)



STYLE #6

4½" and 6" Only

Aluminum Front Flange,
Panel Mount Case, Hinged
Ring, (Back Connection Only)



STYLE #7

4½" Only

Stainless Steel Case
Bayonet Ring
(Add BF for Back Flange)
(Bottom Connection Only)



TO ORDER:

Additional options – To order please specify option.

Plastic Lens
Safety Glass Lens
Threaded Restrictor

NIST Certificate of Accuracy
Case Blow Out Plug
Red Max Indicating Hand

Ordering Number - Construct by selecting one item from each of the columns below:											
1	Dial Size:	2	Series Number:	3	Case Style:	4	Range Code:	5	Connection Size and Style:	6	Bourdon Tube and Socket Code:
	4½" = 4 6" = 6 8½" = 8 Example: 42071533		= 20		= 1 = 2 = 5 = 6 = 7 = 7BF		See standard range chart for code.		1 = 1/4" NPT Bottom 2 = 1/4" NPT Back 3 = 1/2" NPT Bottom 4 = 1/2" NPT Back		1 = Bronze 3 = Stainless Steel
	4		20		7		15		3		3