

# SERIES #20 INDUSTRIAL PROCESS GAUGE

4½", 6" and 8½" SIZES

(For SOLID FRONT SAFETY PROCESS GAUGES, see Pages 12-13)

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 (½%).

\* Additional options available as noted on next page.



## 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. Note\* 8-1/2" gauges are PSI only.

## AVAILABLE CASE STYLES.

### 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

NIST Certificate of Accuracy  
Case Blow Out Plug

Red Max Indicating Hand  
Threaded Restrictor

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		= 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
	Example: 42071533										
	4		20		7		15		3		3