

## Regal Differential Gauges ±2-1-2% Accuracy 4½" & 6" Dial Size

### STANDARD FEATURES

**Movement:** Bronze

**Pointer:** Geared micrometer adjustable

**Dial:** White enameled aluminum. Black graduations and numerals

**Dial Sizes:** 4½", 6"

**Thread Size:** ¼ male NPT only

**Connection Location:** 4½" lower (bottom) or Back (rear) 6" lower (bottom) only

**Case:** Suitable for direct or surface mounting. Available in "A" style aluminum case only.

To measure the difference between two pressure sources, apply high pressure, then low pressure. Read differential pressure on the gauge. BC designed with "O" at top center, BD with "O" at the left.



### BC GAUGES RANGE TABLE

| CODE NO. | DIAL RANGES   | FIGURE INTERVALS | SMALLEST GRADUATION | STATIC PRESSURE LIMITS |
|----------|---------------|------------------|---------------------|------------------------|
| DA       | 10-0- 10 psi  | 2 psi            | 0.5 psi             | 30 psi                 |
| DB       | 15-0- 15 psi  | 3 psi            | 0.2 psi             | 60 psi                 |
| DC       | 30-0- 30 psi  | 5 psi            | 1 psi               | 120 psi                |
| DD       | 50-0- 50 psi  | 10 psi           | 1 psi               | 200 psi                |
| DE       | 100-0-100 psi | 20 psi           | 2 psi               | 300 psi                |
| DF       | 200-0-200 psi | 50 psi           | 5 psi               | 600 psi                |
| DG       | 300-0-300 psi | 100 psi          | 10 psi              | 900 psi                |
| DH       | 400-0-400 psi | 100 psi          | 10 psi              | 1200 psi               |

### BD GAUGES RANGE TABLE

| CODE NO. | DIAL RANGES | FIGURE INTERVALS | SMALLEST GRADUATION | STATIC PRESSURE LIMITS |
|----------|-------------|------------------|---------------------|------------------------|
| PB       | *0-10 psi   | 2 psi            | ¼ psi               | 45 psi                 |
| P5       | *0-20 psi   | 2 psi            | ⅓ psi               | 30 psi                 |
| PD       | 0-30 psi    | 5 psi            | ½ psi               | 60 psi                 |
| PE       | 0-60 psi    | 10 psi           | 1 psi               | 120 psi                |
| PF       | 0-100 psi   | 10 psi           | 1 psi               | 200 psi                |
| PG       | 0-160 psi   | 20 psi           | 2 psi               | 300 psi                |
| PH       | 0-200 psi   | 20 psi           | 2 psi               | 300 psi                |
| PJ       | 0-300 psi   | 50 psi           | 5 psi               | 450 psi                |
| PK       | 0-400 psi   | 50 psi           | 5 psi               | 600 psi                |
| PM       | 0-600 psi   | 100 psi          | 10 psi              | 900 psi                |
| PO       | 0-800 psi   | 100 psi          | 10 psi              | 1200 psi               |
| PP       | 0-1,000 psi | 100 psi          | 10 psi              | 1500 psi               |

\*Only available with BD44, \*\*180° dial arc

| CATALOG NO.  | BOURDON TUBE & SOCKET MATERIAL | DIAL SIZE (Inches) | STD. CASE |
|--------------|--------------------------------|--------------------|-----------|
| BC14 or BD14 | Phosphor Bronze                | 4½                 | Style "A" |
| BC16 or BD16 | Forged Brass Socket            | 6                  | Style "A" |
| BC44 or BD44 | Stainless Steel, 316           | 4½                 | Style "A" |

### NOTES:

1. Regal Differential Gauges are calibrated in accordance with ASME B40.1 Grade A (±1% middle third). See page 4 of this catalog for further reference to ASME B40.1.

### HOW TO ORDER

**B C 1 6 A D D 4 L W ( )**

1. Basic 4-digit Catalog No. From Table Above \_\_\_\_\_
2. Case Style Code "A" (only) \_\_\_\_\_
3. Range Code From Range Tables Above (See notation above) \_\_\_\_\_
4. Thread Size: 4 = ¼ Npt Male (only) \_\_\_\_\_
5. Connection Location: L = Lower (Bottom); or R = Rear (Back) \_\_\_\_\_
6. Dial Color: W = White (Standard), B = Black (Optional) \_\_\_\_\_
7. If Any Gauge Options Are Desired – Specify Option Code(s) From Page 35 \_\_\_\_\_