



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.



BD14A

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

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.

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	½ 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

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 _____