

2-1-2% Accuracy – 4 1/2"–6" Dial Sizes

To measure the difference between two pressure sources, apply high pressure, then low pressure. Read differential pressure on the gauge. BC designed with "0" at top center, BD with "0" at the left.

STANDARD FEATURES

- Movement:** Bronze Bushed
- Pointer:** Balanced Slotted adjustable
- Dial:** White enameled aluminum. Black graduations and numerals
- Thread Size:** 1/4 male NPT; 1/2 male NPT*
- Connection Location:** Lower or Rear (back)
- Case:** Suitable for direct or surface mounting. See table below for standard case style. Refer to pages 34-38 for complete description(s), dimensions and optional case styles. A wide choice of polypropylene, aluminum and stainless steel cases is available for direct, surface and flush panel mounting.

*Not available on BC1 and BD1 series. 1/2 NPT rear connections only available with safety type cases on BC2, BC4, BD2 and BD4 series

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	45 psi
DB	15-0-15 psi	3 psi	0.2 psi	45 psi
DC	30-0-30 psi	5 psi	1 psi	90 psi
DD	50-0-50 psi	10 psi	1 psi	150 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	700 psi
DH	400-0-400 psi	100 psi	10 psi	950 psi

BD GAUGES RANGE TABLE

CODE NO.	DIAL RANGES	FIGURE INTERVALS	SMALLEST GRADUATION	STATIC PRESSURE LIMITS
PB	*0-10 psi	2 psi	1/4 psi	45 psi
P5	**0-20 psi	2 psi	1/8 psi	45 psi
PD	0-30 psi	5 psi	1/2 psi	45 psi
PE	0-60 psi	10 psi	1 psi	90 psi
PF	0-100 psi	10 psi	1 psi	150 psi
PG	0-160 psi	20 psi	2 psi	240 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	700 psi
PO	0-800 psi	100 psi	10 psi	950 psi
PP	0-1,000 psi	100 psi	10 psi	1,200 psi

*90° dial arc **180° dial arc



BC16A



BD14P

CATALOG NO.	BOURDON TUBE & SOCKET MATERIAL	DIAL SIZE (INCHES)	STANDARD CASE
BC14 or BD14	Phosphor Bronze	4 1/2	Style "P"
BC16 or BD16	Forged Brass Socket	6	Style "A"
BC24 or BD24	K-Monel	4 1/2	Style "4"
BC26 or BD26		6	Style "A"
BC44 or BD44	Stainless Steel, 316	4 1/2	Style "2"
BC46 or BD46		6	Style "A"

NOTES:

- 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.
- BC1 and BD1 series not available with safety cases.

HOW TO ORDER

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

BASIC 4-DIGIT CATALOG NO. FROM TABLE ABOVE _____

CASE STYLE CODE FROM TABLE ABOVE OR OPTIONAL CASE CODE (PAGES 34-38) _____

RANGE CODE FROM RANGE TABLES ABOVE _____

THREAD SIZE: 4 = 1/4 NPT MALE (STANDARD); 2 = 1/2 NPT MALE (SEE NOTATION ABOVE) _____

CONNECTION LOCATION: L = LOWER (BOTTOM); OR R = REAR (BACK) _____

DIAL COLOR: W = WHITE (STANDARD), B = BLACK (OPTIONAL) _____

IF ANY GAUGE OPTIONS ARE DESIRED – SPECIFY OPTION CODE(S) FROM PAGE 33 _____