



Royal Process Gauges
±0.5% Accuracy
6", 8 1/2" Dial Size

STANDARD FEATURES

Movement: All 300 series stainless steel
Pointer: Geared micrometer adjustable, balanced
Dial: White enameled aluminum with black graduations and numerals 270° Arc
Dial Sizes: 6", 8 1/2"
Thread Size: 1/4 male NPT; 1/2 male NPT
Connection Location: Lower (Bottom), Back (Rear)
Case: Standard with style #4 case; Aluminum safety case (solid front, blow-out back) suitable for surface or direct mounting.

Optional Case Style: (6" size only)
 Back connect #6 Aluminum Flush
Bourdon Tube: See Table Below
Socket: See Table Below



PRESSURE RANGES

CODE NO.	DIAL RANGES	FIGURE INTERVALS	SMALLEST GRADUATION
PC	0-15 psi	1 psi	.25 psi
PD	0-30 psi	5 psi	.5 psi
PE	0-60 psi	10 psi	1 psi
PF	0-100 psi	10 psi	1 psi
PG	0-160 psi	20 psi	2 psi
PH	0-200 psi	20 psi	2 psi
PJ	0-300 psi	50 psi	5 psi
PK	0-400 psi	50 psi	5 psi
PM	0-600 psi	100 psi	10 psi
PO	0-800 psi	100 psi	10 psi
PP	0-1000 psi	100 psi	10 psi
PR	0-1500 psi	200 psi	10 psi
PS	0-2000 psi	200 psi	20 psi
PT	0-3000 psi	500 psi	20 psi
PV	0-5000 psi	500 psi	50 psi
PY	0-10,000 psi	1000 psi	100 psi
PZ	0-15,000 psi	3000 psi	100 psi
P2	0-20,000 psi	2000 psi	200 psi

COMPOUND RANGES

CODE NO.	DIAL RANGES	FIGURE INTERVALS	SMALLEST GRADUATION
CA	30"-0- 15 psi	5" & 3 psi	.5"/.2 psi
CB	30"-0- 30 psi	10" & 5 psi	1"/.5 psi
CC	30"-0- 60 psi	10" & 10 psi	1"/1 psi
CD	30"-0-100 psi	30" & 10 psi	2"/1 psi
CE	30"-0-150 psi	30" & 20 psi	5"/2 psi
CF	30"-0-200 psi	30" & 20 psi	5"/2 psi
CG	30"-0-300 psi	30" & 50 psi	10"/.5 psi
CI	30"-0-600 psi	30" & 100 psi	10"/10 psi

VACUUM RANGES

CODE NO.	DIAL RANGES	FIGURE INTERVALS	SMALLEST GRADUATION
VC	30"-0 Hg. Vac	3"	.2"

BOURDON TUBE AND SOCKET

CATALOG NO.	BOURDON TUBE & SOCKET MATERIAL	DIAL SIZE	GAUGE TYPE
AA16	Brass/ Bronze	6"	Dry
AS16		6"	Herm. Seal.
AY16		6"	Liq. Fill
AA26	Monel	6"	Dry
AS26		6"	Herm. Seal.
AY26		6"	Liq. Fill
AA46	316 SS	6"	Dry
AS46		6"	Herm. Seal.
AY46		6"	Liq. Fill
AA48		8 1/2"	Dry (only)

CASE STYLES

OPTIONAL CASE STYLES*
BACK CONNECT
#6 Aluminum Flush (6" Back Conn. Only)

*Extra cost.

- NOTES:**
- Royal Gauges are calibrated in accordance with ASME B40.1 Grade 2A (±1/2%).
 - Metric dials can be furnished, see page 25.

HOW TO ORDER

A A 4 6 4 P F 4 L W ()

- Basic 4-digit Catalog No. From Table Above _____
- Aluminum case style #4 standard or case style from above table _____
- Range Code From Range Tables Above _____
- Thread Size: 4 = 1/4 Npt Male (Standard); 2 = 1/2 Npt Male _____
- Connection Location: L = Lower (Bottom), R = Back (Rear) _____
- Dial Color: W = White _____
- If Any Gauge Options Are Desired – Specify Option Code(s) From Page 35 _____