

Stainless Steel Bourdon Tube Gauge



Application: These gauges are built to resist the most stringent operating conditions created by the environment and the medium under pressure. Construction is all stainless steel and may be further enhanced by the use of diaphragm seals, electric contacts and transmitters.

When used in the measurement of gas or vapour the gauges must be used in accordance with the safety regulations stated in EN837-2.

Nominal Dial Size:- 40, 50, 63, 80, 100, 150-160 & 250mm.

Accuracy:- 40 & 50mm EN837 class 2.5%
63, 80mm EN837 class 1.6%
100, 150-160 & 250mm EN837 class 1.0%
(class 0.6% optional)

Ranges:- -1 to 1000 bar & psi or to customer requirements

Associated Products:

BARRIER SEALS, ELECTRICAL CONTACTS, SYPHONS, BALL VALVES.

Specification

Connection: AISI 316 St St

Bourdon tube: AISI 316 St St

Movement: St.St. with reinforced sector

Dial: White aluminium, with black markings. Special Dial ranges, or custom artwork dials, available on request.

Pointer: balanced, aluminium

Case: AISI 304 St.St.

Gasket: polychloroprene or natural white rubber.

Window: Glass or shatterproof glass or Acrylic Plexiglas for 40, 50 & 63mm.

Bezel ring: AISI 304 polished St.St. with bayonet connection

Protection: IP 65

Connection Size:

40, 50, 63 & 80mm—1/8", 1/4" bsp

All others - 3/8", 1/2" bsp or npt available

Operating Temperature:

Ambient: -20/+60°C

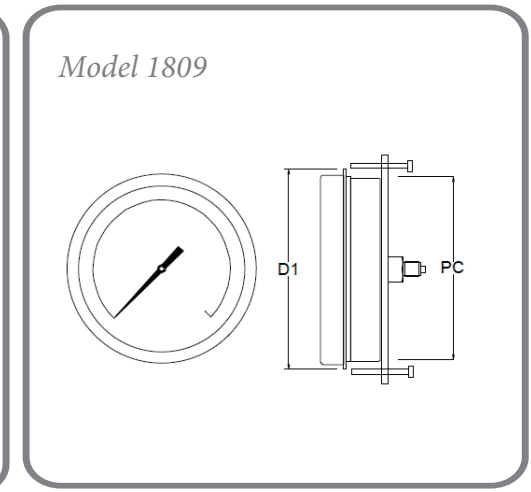
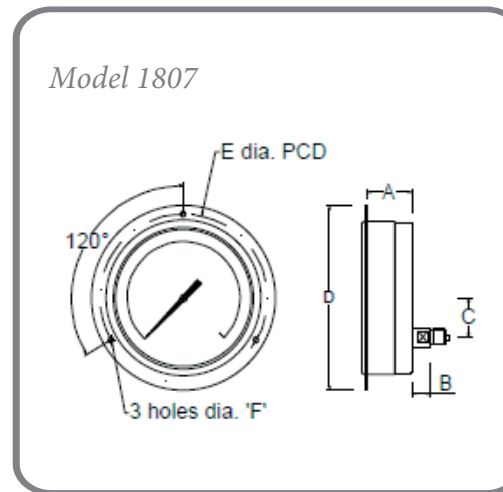
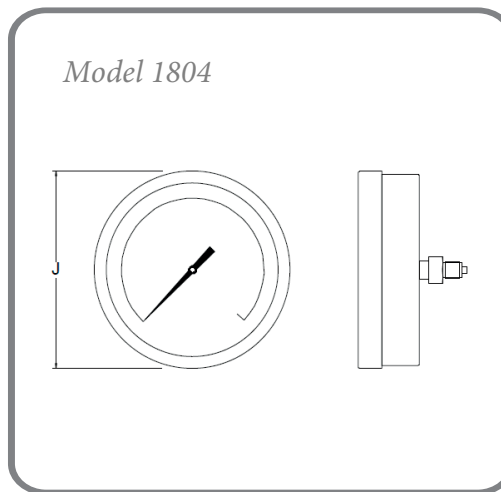
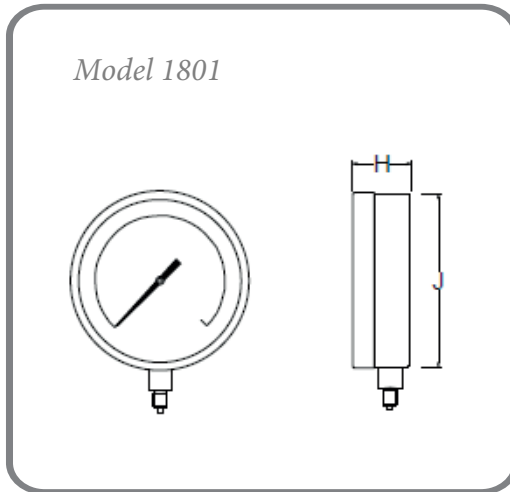
Medium: +150°C maximum without fill

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Stainless Steel Bourdon Tube Gauge

40, 50, 63 & 80mm gauges

Model 1801, 1804, 1807 & 1809



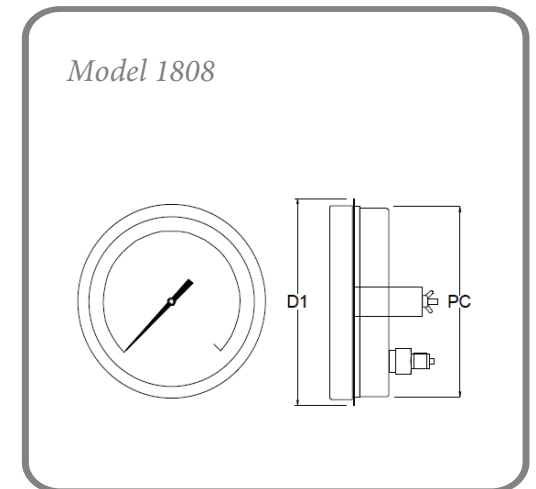
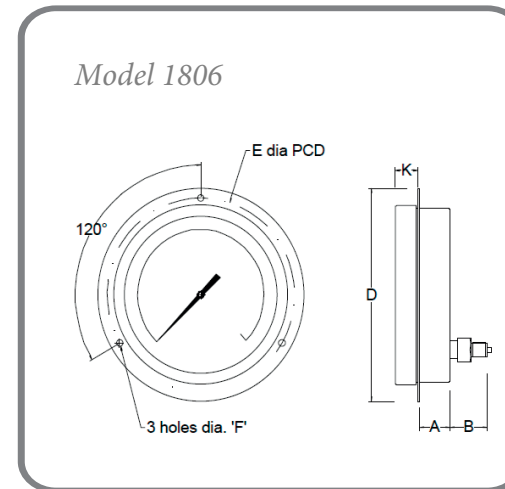
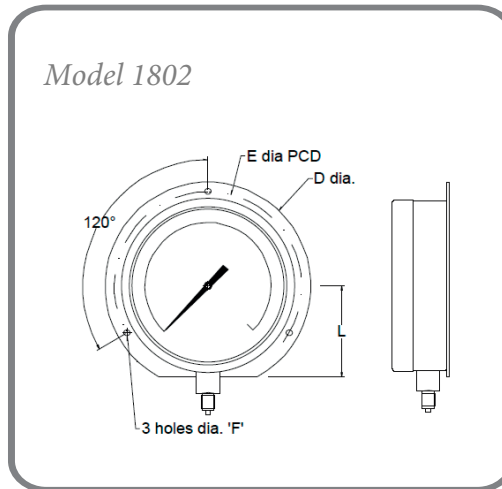
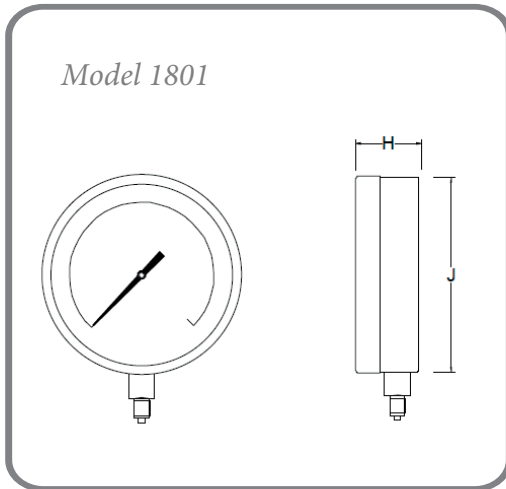
Nominal Diameter	A	B	D	E	F	G	H	J	K	Panel Cutout
50	21	11	80	75	4	60	28.2	58	6	51
63	25	14	85	81	4	70	31.4	68	5.5	64
80	20	14	105	100	5	90	31	89	10	81

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Stainless Steel Bourdon Tube Gauge

100, 160, & 250mm gauges

Model 1801, 1802, 1806 & 1808



Nominal Diameter	A	B	D	E	F	H	J	Panel Cutout
100	44.5	14	133	120	5	49.3	98	101
160	45	28	195	185	6	49.5	158	159
200	45	28	240	225	7	49.5	200	201
250	45	28	305	276	7	49.5	250	251