

# Stainless Steel Bourbon 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

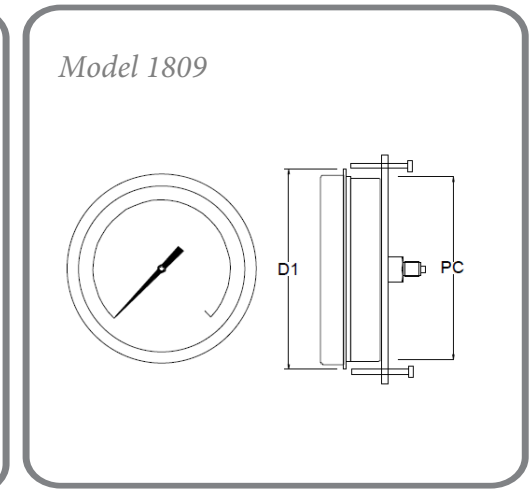
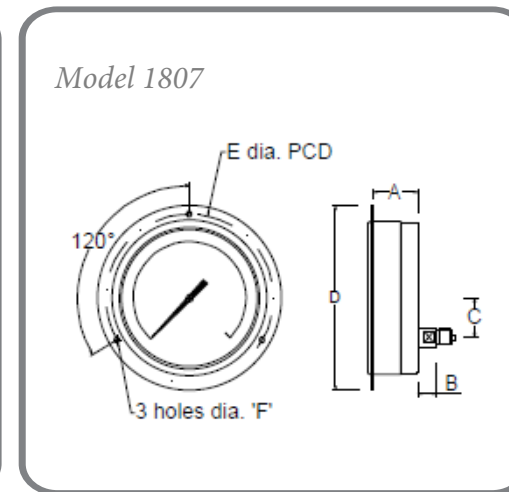
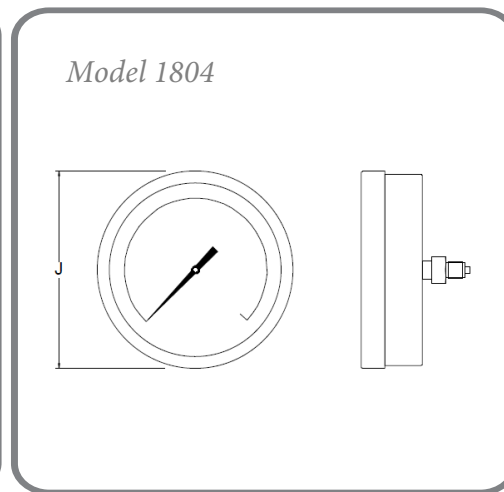
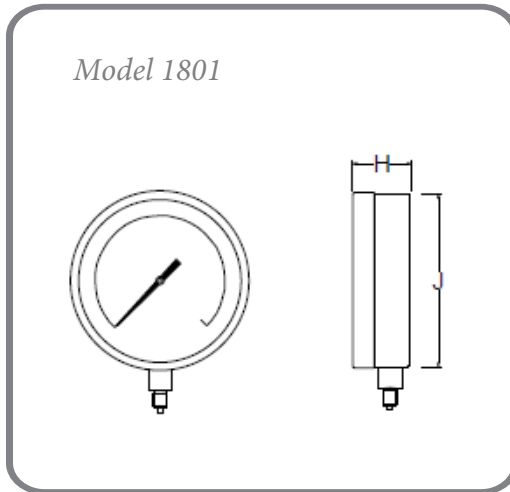
All others - 3/8", 1/2" bsp or npt available

## Datasheet 18

# Stainless Steel Bourbon Tube Gauge

40, 50, 63 & 80mm gauges

Model 1801, 1804, 1807 & 1809



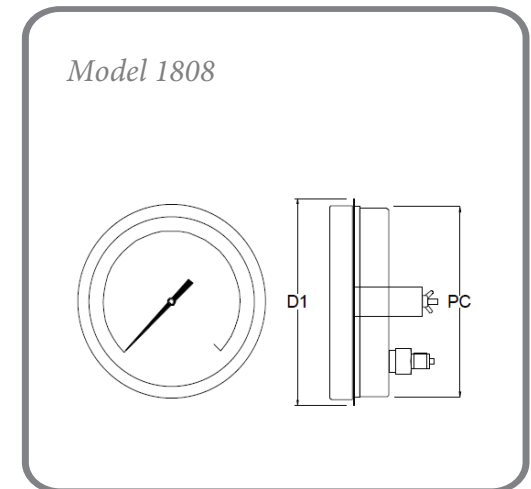
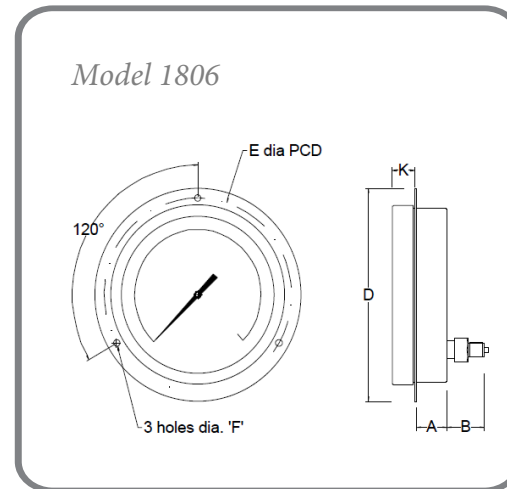
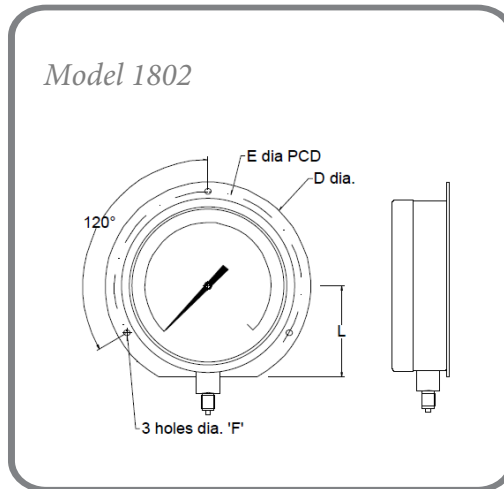
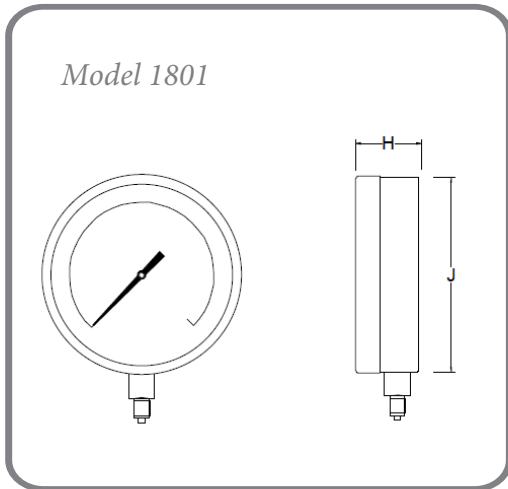
Nominal Diameter	A	B	D	E	F	G	H	J	K	Panel Cutout
50	21	11	80	75	4	60	28.2	58	6	51
63	25	14	85	81	4	70	31.4	68	5.5	64
80	20	14	105	100	5	90	31	89	10	81

# Datasheet 18

## Stainless Steel Bourbon 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	99
160	45	28	195	185	6	49.5	158	159