

LOMAS

**LS-CR Series, Stainless steel case,
Crimed Ring With Fillable Liquid**





Application

Lomas LS-CR Series is suitable for measuring the pressure of non-corrosive, non-explosive gases or liquids that do not crystallize or precipitate. These gauges perform reliably even when installed on equipment experiencing severe vibrations.

Durable in Harsh Environments: Ideal for use in environments with intense vibrations and for machinery and equipment that operate continuously over long periods.

Specifications

Nominal size

63mm, 100mm

Connection

- **63mm, 100mm:** 1/4"BSP
- **100mm:** 1/2"BSP

Accuracy class

- 63mm: 1.6
- 100mm: 1

Scale range

- **Pressure:** -1 to 1000bar
- **Vacuum:** -1bar to 0
- **Compound:** -1 to 24bar or other equivalent units of pressure or vacuum

Operating temperature

- **Ambient:** -40+70 deg C
- **Medium:** +70 deg C

Protection class

IP 65

Material

- **Case:** Stainless steel
- **Bezel ring:** Crimped ring w/groove on case
- **Window:** Polycarbonate
- **Standard filling:** Glycerin
- **Dial plate:** Aluminum, pointer stop, white background. Black marking for single scale, black and red for dual scale.
- **Pointer:** Black aluminum
- **Bourdon tube:** Copper alloy
 - <100bar: C shape
 - ≥100bar: Helical type
- **Connection:** Brass
- **Movement:** Brass

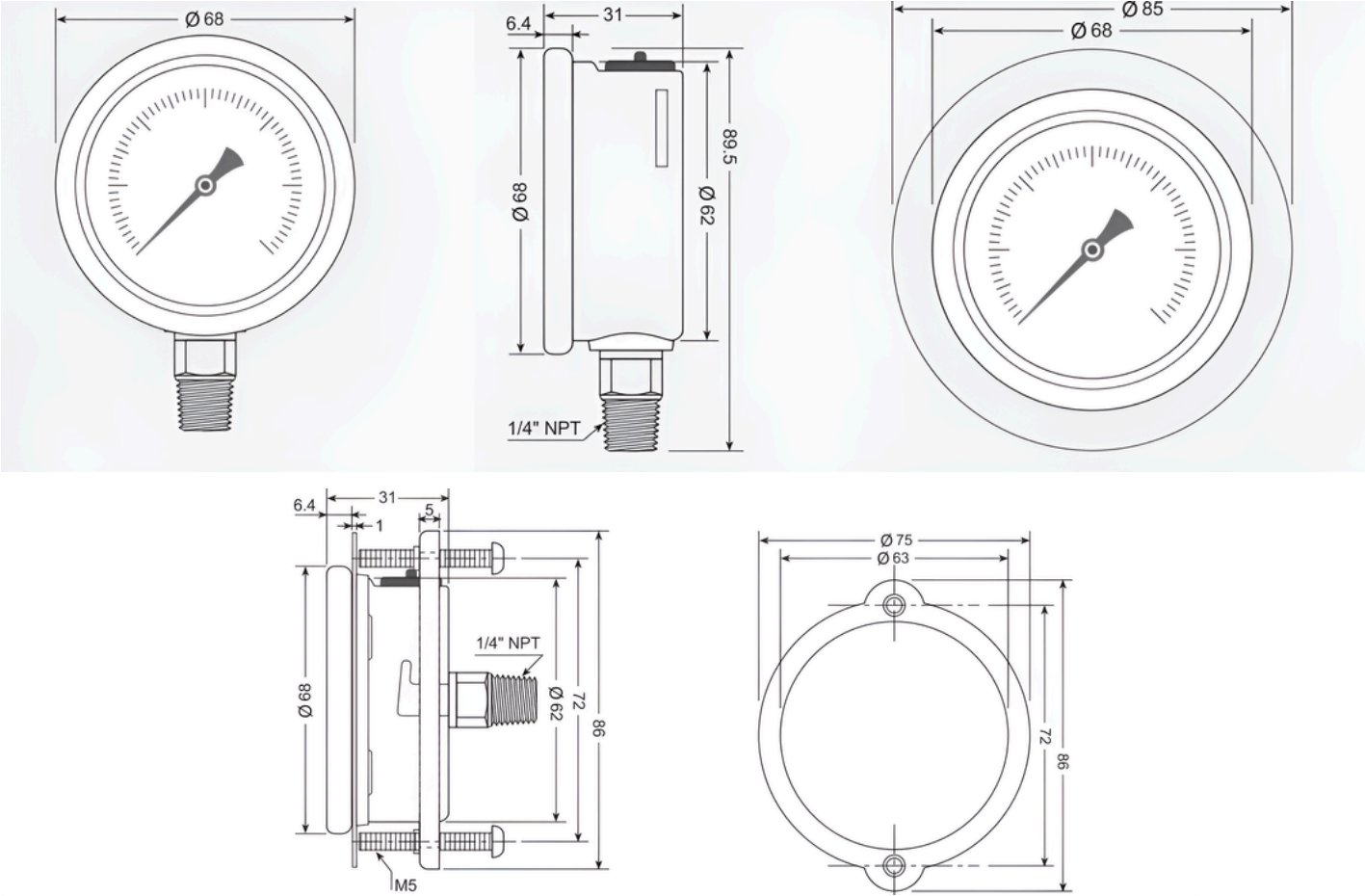
Options

- NPT, BSPT or other process connection
- Restrictor (RS)
- Double dial range or other dial ranges
- Silicone oil filling, refrigeration scale
- Adjustable pointer for 100mm for option

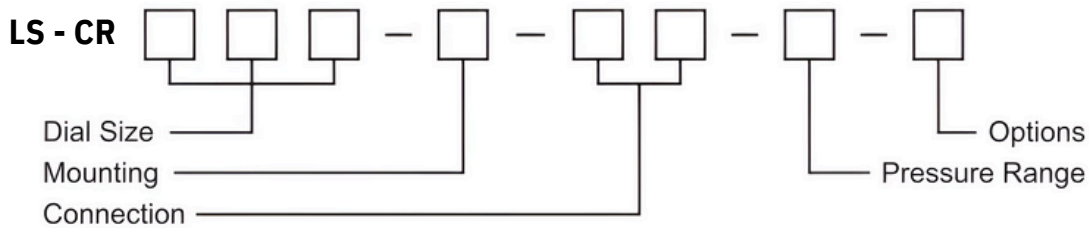
Design

EN 837-1

Dimension Drawing



How to order:



Code Dial Size

- 050 50mm (2")
- 063 63mm (2.5")
- 100 100mm (4")
- 150 150mm (6")

Options

See options

Code Mounting

- A Bottom Connection
- B Back Connection
- C Bottom Connection with back flange
- E Back Connection with front flange
- F Back Connection with Lens-clamp

Code Connection

- 4 1/4"
- 2 1/2"
- N NPT
- B BSP with end stub
- T BSPT

Pressure Range

See Standard Pressure Ranges

Code Liquid filling

- D Dry but fillable
- G Glycerin
- S Silicone