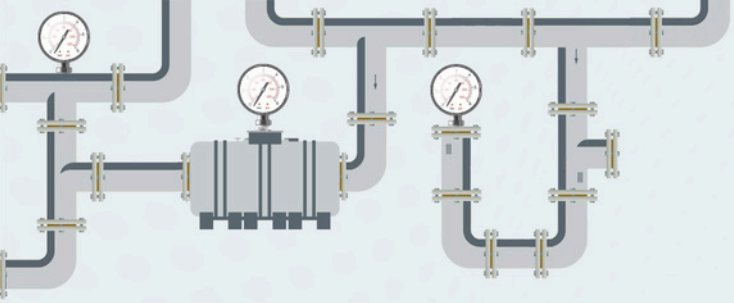


LOMAS
TECHNOLOGY – GERMANY

LFG-BR Series Liquid Fillable Pressure Gauge with DIN Bayonet Ring



Specification

Component	Material / Design
Case & Bezel	AISI 304 stainless steel with DIN bayonet ring
Window	Laminated safety glass
Dial Plate	Aluminum, white background with black/red markings
Pointer	Aluminum, black (micro-adjustable for 150 mm)
Bourdon Tube (Measuring Element)	Copper alloy
Movement	Brass
Process Connection	Brass, 1⁄4″ BSP; 1⁄2″ BSP (150 mm). NPT, BSPT, or others on request
Filling Medium	Glycerin (standard), silicone oil (optional)
Options	Restrictor, dual dial range, refrigeration scales, alternative dial markings

Parameters

Parameter	Value
Nominal Size	160 mm (6")
Design Standard	EN 837-1
Accuracy Class	1.6 (63 mm), 1.0 (100 mm & 150 mm)
Scale Range	Pressure: 0 ... 0.6 up to 0 ... 1000 bar Vacuum: –1 ... 0 bar Compound: –1 ... +0.6 up to –1 ... +24 bar Optional dual scale: bar/psi or other units
Protection Class	IP65 (typical for liquid-filled gauges)
Operating Temp. (Ambient)	–40 °C to +60 °C
Operating Temp. (Medium)	up to +60 °C

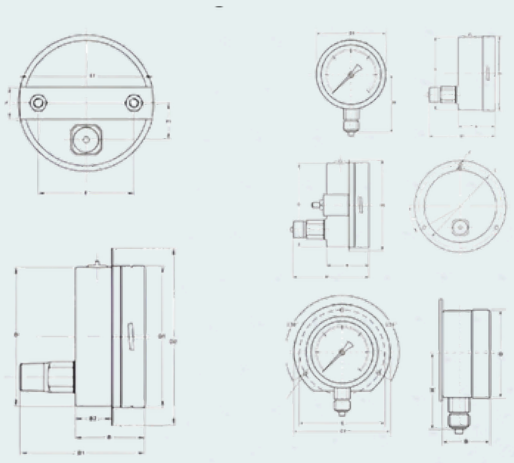
Applications

The Lomas LCL-G Series capsule low pressure gauge is designed for accurate measurement of very low pressures in gaseous and dry media that do not react adversely with copper alloy components. It is particularly suitable for medical technology, vacuum systems, laboratory processes, and filter monitoring applications.

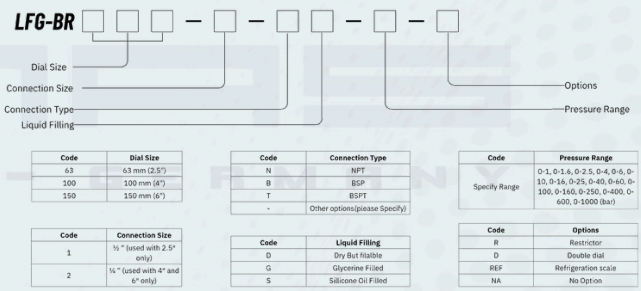
Special Features

- Liquid-fillable case for vibration damping and longer service life.
- Robust stainless steel case with DIN bayonet ring.
- Laminated safety glass window for enhanced operator safety.
- Wide measuring range: vacuum, compound, and positive pressures up to 1000 bar.
- Accuracy class 1.0 (100 mm, 150 mm) and 1.6 (63 mm).
- Optional silicone oil filling for low-temperature or refrigeration applications.
- Conforms to EN 837-1 standards.
- Optional dual-scale dial (bar/psi, other ranges).

Dimension Drawing



DIAL SIZE	D	D1	D2	D3	H	B	B1	C	C1	E	E1	F	F1	d
2.5"	62	64	85	--	54	34	57	Ø77	Ø85	--	--	--	--	Ø3.5
4"	99	101	128	107.5	83	50	83	Ø118.5	Ø128	76	76	25.5	29	Ø5
6"	147	149	--	--	108	50	83	Ø161	Ø181	--	--	--	--	Ø5



Code	Dial Size
63	63 mm (2.5")
100	100 mm (4")
150	150 mm (6")

Code	Connection Type
N	NPT
B	BSP
T	BSPT
-	Other options(please Specify)

Code	Pressure Range
Specify Range	0-1, 0-1.6, 0-2.5, 0-4, 0-6, 0-10, 0-16, 0-25, 0-40, 0-60, 0-100, 0-160, 0-250, 0-400, 0-600, 0-1000 (bar)

Code	Connection Size
1	½ " (used with 2.5" only)
2	¼ " (used with 4" and 6" only)

Code	Liquid Filling
D	Dry But fillable
G	Glycerine Filled
S	Silicone Oil Filled

Code	Options
R	Restrictor
D	Double dial
REF	Refrigeration scale
NA	No Option