

Model LF – 40/ 50/ 63/ 75/ 100

Glycerin filled pressure gauge

Application

MODEL LF are design for applications where media pressure changes intensely and pressure shock exists, or pressure is released suddenly in the course of manufacturing, or working environment vibration.

They design for measure air, water, oil, gas or any medium pressure media which not corrosive, clog connection port to brass, phosphor-bronze. Typical applications are Pneumatic and Hydraulic systems, HVAC systems, pumps, compressors, pipe systems, boilers, Any machine that require anti-shock,etc.



Specification

Dial size

40, 50, 63, 75, 100mm

Accuracy

2.5%of F.S. 40, 50 mm

1.6%of F.S. 63, 75, 100 mm

1.0%of F.S. 100 mm (Option)

Measuring range

-30" Hg-0-15,000PSI

-1~0~1000 bar

***SS316 is recommended for
0~1000 bar**

Case

Stainless steel 304

Install Mounting

Bottom

Center Back

Back with U clamp

Bottom with back flange

or Back with front flange

Max. working range

Steady : 1/2 of Full scale

Fluctuating : 3/4 of full scale

Short time : Full scale

Bezel

Stainless steel 304,

Crimped ring

Dial scale

Single or dual scale

(psi, kpa, mpa, bar, kg/cm².

inchHg, cmHg, mmHg,)

Bourdon tube

Phosphor bronze

<60 bar C type tube

>60 bar helical type tube

Connection

1/8", 1/4", 3/8" 1/2"NPT, BSP,

BSPT, PT, 7/16-20UNF,

M12 x1.5, M15 x 1.5, M20x1.5

Window gasket

Buna-N

Movement

Copper alloy

Fill Liquid

Glycerin standard,

Silicon oil option

Window (lens)

PC or tempered glass

Socket, connection

Copper alloy

ares



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Blow out device

On top

Dry : -40 to 60 °C ;

Weather protection

NEMA 4X / IP65

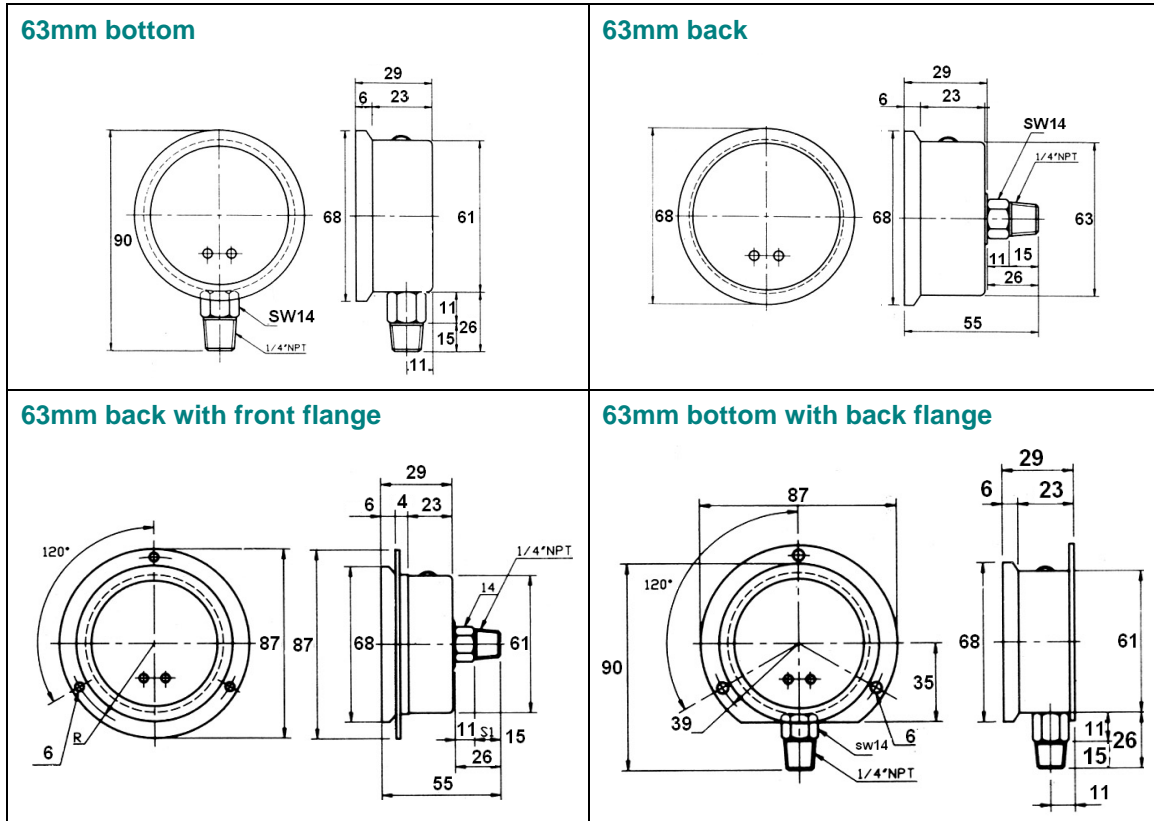
Option

- 1) Restrictor
- 2) Customized dial
- 3) Others on request

Operating temp.

Glycerin filled : -20 to 60 °C ;

Dimension



Bottom



Back



Back with clamp



Back with front flange



Bottom with back flange



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