



DG93

Differential Pressure Gauge

OUTLINE

This pressure gauge has been developed to measure a low differential pressure range of 4 kPa(400 mm H₂O) or smaller. By not simply measuring differential pressure but displacing the measured differential pressure with various units, this pressure gauge can be applied to measuring a liquid level and a flow rate.

FEATURES

- This is a differential pressure gauge for minute differential pressure, demonstrating excellent corrosion resistance by equipping a stainless steel bellows for the pressure sensing portion.
- Equipped with a 270° graduations dial, easy reading is possible. Even measuring minute differential pressure, the precision of $\pm 1.5\%$ of the full scale has been maintained.
- As standard specifications, this pressure gauge is equipped with an air vent.
- To make pressure piping easier, two direction pressure connections, the upper and the lower, have been provided.

SPECIFICATION

Fluid:

Gas or liquid

Mounting system:

2B pipe mounting, surface mounting

Size:

150 DIA.

Connection:

Rc1/4(PT female)

Wetted parts material:

Body SCS14
Bellows 316Lst.st.
Seal NBR

Differential pressure range:

0 ~ 1 → 0 ~ 4kPa (0 ~ 100 → 0 ~ 400mmH₂O)

Base pressure:

0 ~ 500 kPa (0 ~ 5kgf/cm²)

One side proof-pressure:

20kPa (0.2 kgf/cm²)

Operating temperature:

-5 ~ 40°C (But fluid should not be frozen)

Accuracy:

$\pm 1.5\%$ F.S.

Scale angle:

270°

Case material finishing:

Aluminium alloy casting (AC7A)·Black

Zero adjustment:

Internal adjustment type

Valve manifold: (Option)

Three-way valve manifold which combined the stop valve for high and low pressure and strap valve. This valve manifold is suitable for checking zero point or zero adjustment during operation and also available to prevent excess differential pressure or reversal differential pressure.
Type No. : FV43-991, FV43-993

Dial scale specified: (Option)

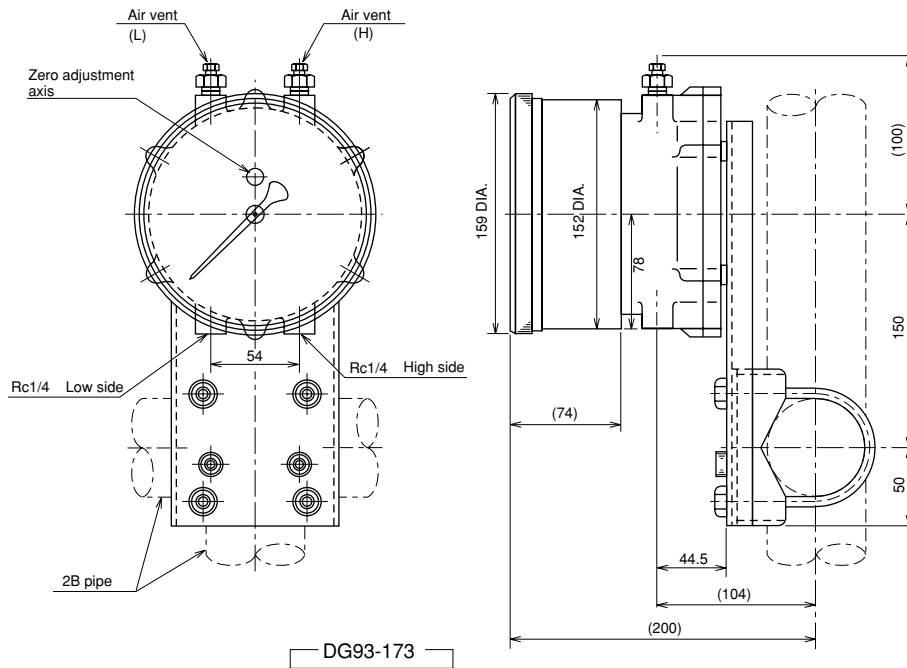
Printed words, colored circle, customer's logo

Weight:

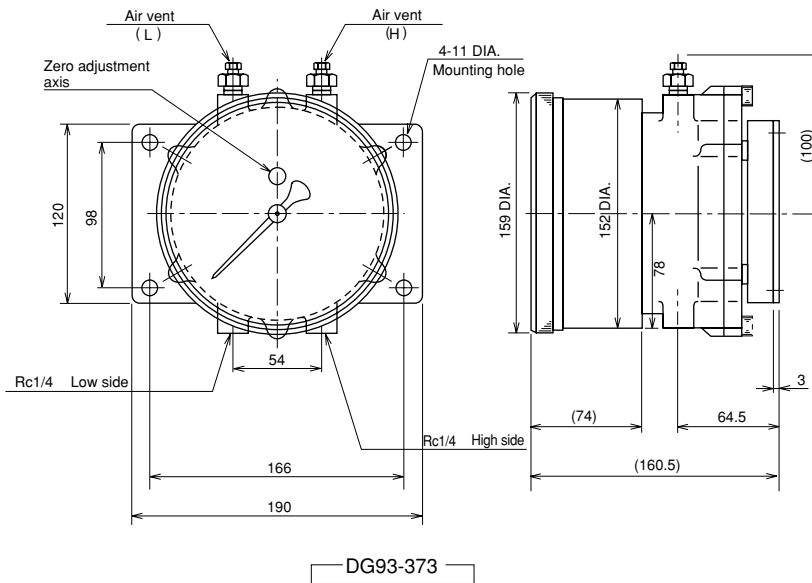
Approx. 6.3kgs ~ approx. 7.0kgs

DIMENSIONS

2B pipe mounting

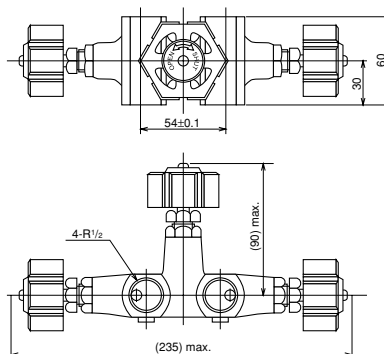


Surface mounting



Valve-manifold: (Option)

Type No.: FV43-99 □



* As for connection of differential pressure gauge and valve-manifold, FJ92-001 (2 pieces) is necessary.

Type No. constitution

Please specify Type No., each specification and range, when ordering.

Note: For this Model, there is no applicable item for the figures X, but please specify X when ordering.

