

DIAPHRAGM GAUGE WITH FLANGE MOUNT

Dial Size: 150 / 100 mm

Range:

Low Range: 0-4.2 Kg/cm²

High Range: 0-420 Kg/cm²

Configuration: Diaphragm Sealed

Shape of Bourdon: 'C' Type / Helix Type

Case & Bezel: SS 304

Movement: SS 304

Diaphragm: SS 316L, (PTFE / TEFLON Coating available)

Bourdon: SS 316

Socket: SS 304 / SS 316

Pointer: Aluminum, Black (Micro- zero Adjustment, Optional)

Dial: Aluminum, Black numerals in White background

Flange Connections: 1"x150RF, 1"x300RF, 1 1/2"x150RF, 1 1/2"x300RF

Other flanges provided as per application / drawing
(PTFE / TEFLON Coating / Lining available)

Capillary: SS 316, Armor Capillary SS 304 (Optional)

Top Chamber: SS 304

Bottom Chamber: SS 304, (PTFE / TEFLON Coating / Lining available)

Mounting: Bottom Direct

Dampening Liquid: Glycerin with leak proofing and Weather Proof both Available

Blow out Disc: Neoprene, at back side of case.

Joint: Argon / TIG Welding

Glass: Safety Glass, Acrylic

Over-range Protection: 30% above FSD

Accuracy: Class 1.6 acc. EN 837-3



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Sealing Fluid: Silicon Oil

Enclosure Protection: IP-55, IP-65 (filled)

Standard: IS 3624 / EN 837-3

Pressure Limitations:

Steady: Full Scale Value

Fluctuating: 0.75 x Full Scale Value

Short time: 1.3 x Full Scale Value

Permissible Temperature:

Ambient: -20...+60°C

Medium: 200°C maximum

Service intended : Gaseous & Liquid Media, Low viscosity media.

Application :

Chemical and petrochemical industries / Food stuff and beverages industries /

Plastics and paper industries / Machine and apparatus construction.

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