

Safety Pattern Case Pressure Gauge



Application

MYBF-Sp is an ANSI standard 4.5" safety pressure gauge for extreme corrosive and severe environment with Safety Pattern design (Solid front/Baffle front) and stainless steel wetted part. Fillable case and built in Restrictor screw (Throttle screw) on connection are design to be used in vibration and pulsation area. Commonly use in many industries such as Oil&Gas, petrochemical, mining, pulp&paper, etc.

Technical Specification

Nominal Size: 130 mm / 4½"

Accuracy Class: Class 1.0, Class 0.5 optional

Ingress Protection: IP 65

Connection Size: G½ or ½ NPT or others

Scale Range: Pressure 0..1600 bar, Vacuum -1 bar..0, Compound -1..24 bar

Tube Element Shape: P ≤ 100 bar in C tube, P > 100 bar in helicoid

Filling: Dry or liquid filled

Operating Temperature: Ambient temperature -30°..+70°C, Medium temperature 100°C Max.

Temperature Additional Error: When pressure element temperature deviates from reference temperature +20°C(+68°F), be ±0.4% / 10°C(50°F) rising or falling

Over Pressure Limit: 130% of F.S. P ≤ 100 bar, 115% of F.S. P > 100 bar

Dial Graduation: Black graduation on white for single range, Black and red graduation on white for dual ranges

Design Material

Casing and Bezel Ring: Polypropylene or Phenolic optional

Sensing Element: Stainless steel 316

Window: Safety laminated glass

Window gasket: Industrial rubber seal or PTFE

Pointer: Black aluminum, adjustable

Dial Plate: Aluminum alloy