

# Chromed Steel Case Pressure Gauge



## Application

MY-CS series are high quality dry pressure gauge designed to provide reliable service on non-corrosive and clean medium applications. This model are mostly used in manufacturing or processing industrial, especially for pneumatics process, fabrication, compressed gas and common industrial application.

## Technical Specification

Nominal Size: 40,50,63,75,100,150,200,250mm

Accuracy Class: 40..75mm-Class 2.5; 100..250mm-Class 1.6

Ingress Protection: IP32

Connection Size: G1/8,G1/4,G1/2 or NPT or others.

Scale Range: Pressure 0..600 bar; Vacuum -1 bar..0; Compound -1..24 bar

Filling: Dry execution

Tube Element Shape:  $P \leq 100$  bar in C tube;  $P > 100$  bar in helicoid

Operating Temperature: Ambient temperature  $-10^{\circ}\text{C}..+70^{\circ}\text{C}$ ; Medium temperature  $70^{\circ}\text{C}$  Max.

Temperature Error: Additional error when pressure element temperature deviates from reference temperature  $+20^{\circ}\text{C}$  ( $+68^{\circ}\text{F}$ ),  $\pm 0.4\%$  /  $10^{\circ}\text{C}$  ( $50^{\circ}\text{F}$ ) rising or falling

Over Pressure Limit: 130% of F.S.P  $\leq 100$  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: Black steel; Chromed steel; Plastic

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Sensing Element: Copper alloy

Connection: Brass

Window: Acrylic plastic; Instrument glass

Window gasket: Plastic

Pointer: Black painted aluminum

Dial Plate: Aluminum alloy