

All Stainless Steel Capsule Gauge



Application

MYBF-M Series is a premium capsule gauge designed for use in low pressure measurement on extreme corrosive and severe environment. It is non fillable design and by removing the bezel ring access to zero adjustment with zeroing screw on the front dial in replace of adjustable pointer. It is most popular in use in all industries such as process, mining, machine tools, power plant, steel mills, pulp & paper, water & sewage and petrochemical plants.

Technical Specification

Nominal Size: 63,75,100 and 160 mm

Accuracy Class: Class 1.6, Class 2.5(ϕ 63,75mm)

Ingress Protection: IP 44

Connection Size: G3/8, G1/4, G1/2 or NPT or others

Scale Range: Pressure 0..10 to 0..1000 mbar, * ϕ 63,75mm min range 16 mbar, Vacuum -600

mbar..0, Compound -200..+400 mbar

Tube Element Shape: Capsule type diaphragm tube

Filling: Dry type

Operating Temperature: Ambient temperature -10° .. $+70^{\circ}$ C, Medium temperature 90° C Max.

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

Over Pressure Limit: 130% of Full Scale

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

Design Material

Casing and Bezel Ring: Stainless steel 304

Capsule type: Stainless Steel 316

Connection: Stainless Steel 316

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Window: Plain instrument glass

Window gasket: Industrial rubber seal

Pointer: Black painted aluminum

Dial Plate: Aluminum alloy