

# Classic Process Gauge

Model 736

The Classic range of Pressure Gauges has been designed to meet the high demands of the process industry.

From harsh corrosive chemical applications to general engineering uses, the Classic combines a high specification with a very cost effective price.

The standard unit incorporates 316 stainless steel wetted parts that are housed within a liquid fillable 316 stainless steel case. Standard units are available as dual scale bar and psi but custom scales can be supplied. 316L wetted parts and cases are available as an option.

Available with a wide range of accessories including: Syphons, Snubbers, Gauge Savers, Manifolds, Diaphragm Seals etc ensures that Budenberg can provide you with the right product to suit any individual application or requirement.



## Size

100 mm (4") & 150mm (6")

## Mounting

Direct, Surface and Flush

## Case & Bezel

One-piece open front case in 316 Stainless Steel with a safety blow out disc in the back.  
Polished Bezel with Bayonet Locking mechanism.  
316L wetted parts and cases are available as an option.

## Scale Ranges

0 to 1 bar to 0 to 1400 bar or equivalent units of pressure / vacuum are available

## Pressure Element

≤80 Bar – 316 Stainless Steel Bourdon Tube  
≥81 Bar - 316 Stainless Steel Coil 316L wetted parts and cases are available as an option.

## Overload

Units withstands overload pressure up to 130% of FSD  
Optional: 150% FSD

## Pressure Connection

3/8" or 1/2" NPT as standard in stock  
Other types available by order

## Accuracy Class

CL:1 1.0% of FSD as defined in EN837-1  
Option: 0.5% of FSD as defined in EN837-1

## Temperature

Operating: -20 to +60 °C  
Storage: -40 up to +100 °C  
Options: for lower or higher operating temperatures

## Temperature Effect

Max 0.4% / 10K

## Dial

White Anodised Aluminium marked in black finish  
Dual scale bar / psi is standard but customised dials are available

## Pointer

Black Aluminium Micrometer Adjustable Pointer

## Movement

304 Stainless Steel Construction  
Option : Case filling with glycerine or other fluids is available  
Viscous Damped movement to overcome the effects

## Window

Toughened Safety Glass

## Environmental Rating

IP68 as defined in EN 60 529

## Traceability

All instruments are individually calibrated  
A Certificate of conformity is supplied free of charge.

## Certification Available

BS EN 10204 3.1B Material Certification  
Point by point Test Certificate

## Safety

All units are manufactured to comply with EN 837-1 and other regulatory standards including P.E.D.

## Installation Instructions

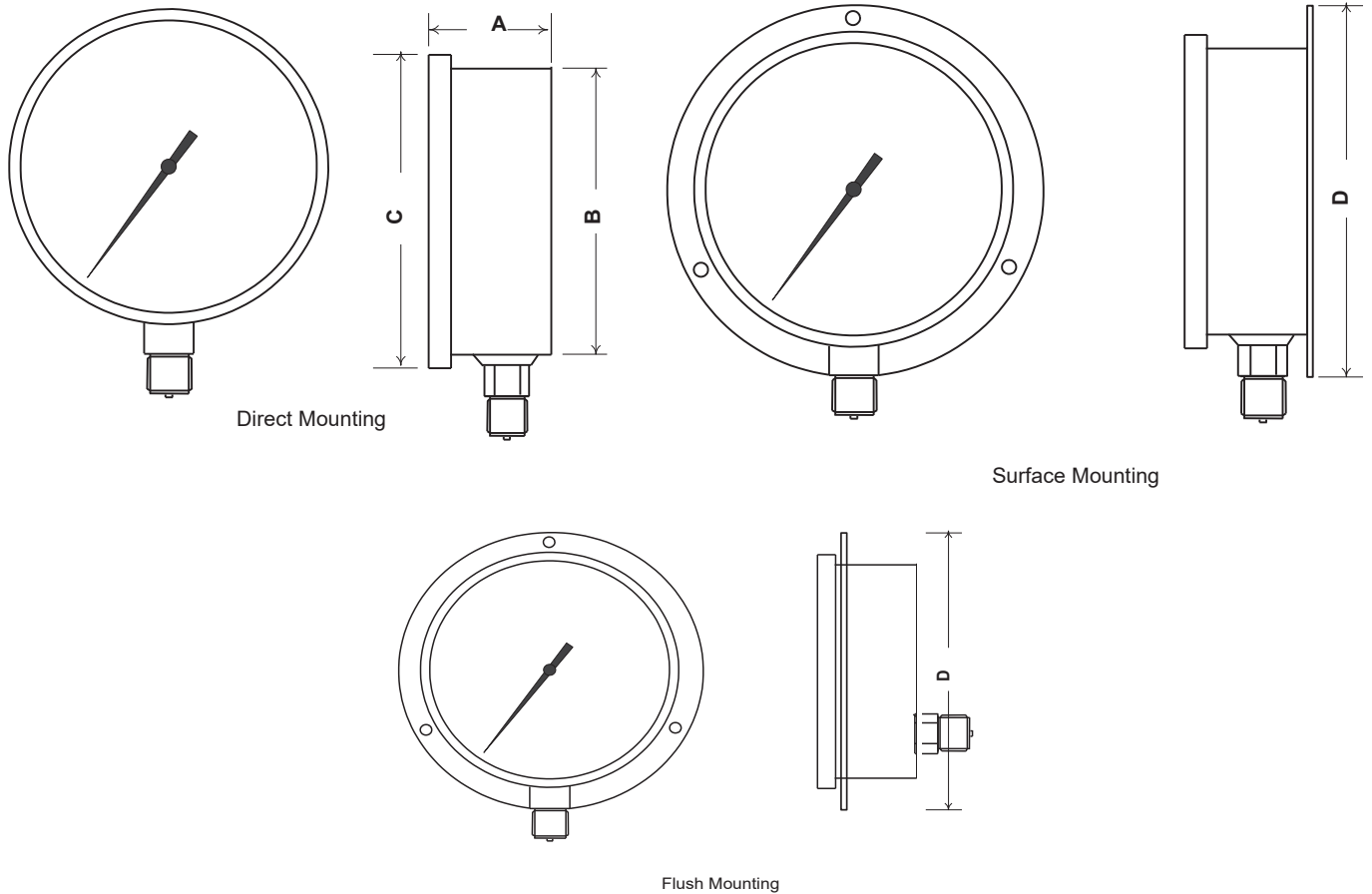
Refer to EN 837-2



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## Dimensions



Model No	A	B	C	D	Hole Diam	PCD	Weight
100mm 736 (Dry Case)	49	99	111	134	6.0	118	0.5 kg
100mm 736 (Filled Case)	49	99	111	134	6.0	118	0.9 kg
150mm 736 (Dry Case)	49	149	160	186	6.0	168	1.0 kg
150mm 736 (Filled Case)	49	149	160	186	6.0	168	1.9 kg

## Accessories

Budenberg can supply a full range of gauge accessories and manifolds that include:

Externally Adjustable Snubber U' and  
 Scroll syphons Overload Protection  
 Valves Gauge Swivel Adaptors Needle  
 Valves  
 Ball Valves  
 Block & Bleed Manifolds Diaphragm  
 Seal units

Please contact our Sales any special requirements including units for operation on special services, higher temperature operation or customised dials., Office for

Specifications and dimensions in this leaflet, are subject to change without prior notice.

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