

General Purpose Pressure Gauges

Applications

- Liquid fillable for conditions where pulsation or vibrations exists
- For gaseous and liquid media that do not have high viscosity or do not crystallise
- Food and beverage Industry
- Pharmaceutical, Chemical, Petrochemical Industry
- Mining Industry/Offshore, Hydraulic and Pneumatic industry
- Agricultural/farming Industry

TECHNICAL SPECIFICATIONS

Description

Design

EN 837-1

Nominal size in mm

63mm, 100mm,

Accuracy class

63mm: 1.6

100mm: 1.6

Scale ranges

0 ... 0.6 to 0 ... 1000 Bar (or other equivalents available) and vacuum range as well.

Working Pressures

Steady: 75% of FSV

Fluctuating Pressure: 66% of FSV

Short time pressure: 100% of FSV

Operating temperature

Ambient: -20 ... +60 °C (Glycerine filled)

Ambient: -40 ... +60 °C (without liquid filling)

Process connection

Brass Bottom or Rear Entry with snubber

63mm
1/8" or 1/4" BSP or
NPT Male

100mm
3/8" 1/2" BSP or NPT Male

Pressure Element

<60 bar: C-Type

>60 bar: Helical type



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Movement

Copper alloy

Dial

White Aluminium

Black Lettering

Pointer

Black Aluminium

Case

Stainless Steel 316

Window

Poly carbonate

Bezel ring

Bayonet Ring stainless steel

Liquid Fillable

Yes (Glycerine/Silicone)

Other options

- Front or Back Flange (Panel mount)
- Drag Pointer
- Electrical Contact
- SANAS Certifications

Heavy Duty Din Type Gauges

Applications

- Liquid fillable for conditions where pulsation or vibrations exists
- For gaseous and aggressive liquid media that are very viscous or crystallising
- Process Industry
- Shock and Vibration resistant
- Mining Industry/Offshore
- Chemical/Petro Chemical Industry

TECHNICAL SPECIFICATIONS

Description

Design

EN 837-1

Nominal size in mm

100mm, 160mm

Accuracy class

100mm: 1.0
160mm: 1.0

Scale ranges

0 ... 0.6 to 0 ... 1000 Bar (or other equivalents units available) and vacuum range as well.

Working Pressures

100, 160mm: Steady: 100% of FSV
Fluctuating Pressure: 90% of FSV
Short time pressure: 130% of FSV

Operating temperature

Ambient: -20 ... +60 °C (with liquid filling)
Ambient: -40 ... +60 °C (without liquid filling)

Degree of protection

IP 54 per EN 60529 | IEC 529

Process connection

Cu-alloy

100mm Diameter
Bottom or Rear
3/8" & 1/2" BSP or
NPT (with adaptor)

160mm Diameter
Bottom only
1/2" BSP or
NPT (with adaptor)

Pressure Element

<100 bar: C-Type
>100 bar: Helical type

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Movement

Cu-alloy

Dial

White Aluminium
Black Lettering

Pointer

Black Aluminium (Adjustable)

Case

Stainless Steel 316L
Pressure relief in case top

Window

Safety Glass

Bezel ring

Bayonet Ring stainless steel

Liquid Fillable

Yes (Glycerine/Silicone)

Other options

- Front or Back Flange (Panel mount)
- Drag Pointer
- Electrical Contact
- SANAS Certifications



Complete Stainless Steel Gauges

Applications

- Liquid fillable for conditions where pulsation or vibrations exists
- For gaseous and aggressive liquid media that are very viscous or crystallising
- Process Industry
- Shock and Vibration resistant
- Mining Industry/Offshore
- Chemical/Petro Chemical Industry

TECHNICAL SPECIFICATIONS

Description

Design

EN 837-1

Nominal size in mm

63mm, 100mm, 160mm

Accuracy class

63mm: 1.6
100mm: 1.0
160mm: 1.0

Scale ranges

0 ... 0.6 to 0 ... 1000 Bar (or other equivalents available) and vacuum range as well.

Working Pressures

63mm: Steady: 75% of FSV
Fluctuating Pressure: 66% of FSV
Short time pressure: 100% of FSV

100, 160mm: Steady: 100% of FSV
Fluctuating Pressure: 90% of FSV
Short time pressure: 130% of FSV

Operating temperature

Ambient: -20 ... +60 °C (Glycerine filled)
Ambient: -40 ... +60 °C (without liquid filling)

Degree of protection

IP 65 per EN 60529 I IEC 529

Process connection

SS316L Bottom or Rear Entry

63mm
1/8" / 1/4" BSP or NPT
Male

100mm & 160mm
1/2" BSP or NPT Male

Pressure Element

<100 bar: C-Type
>100 bar: Helical type

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Movement

Stainless Steel

Dial

White Aluminium
Black Lettering

Pointer

Black Aluminium (Adjustable)

Case

Stainless Steel 316L
Pressure relief in case top
Blow out Plug at back of case for 100 & 160mm

Window

Safety Glass

Bezel ring

Bayonet Ring stainless steel

Liquid Fillable

Yes (Glycerine/Silicone)

Other options

- Front or Back Flange (Panel mount)
- Drag Pointer
- Electrical Contact
- SANAS Certifications

