

**BACRUFLEX**Al servicio de la minería,  
pesquería e industria

Catálogo de productos

**MANÓMETROS****Mechanical  
pressure measurement****Bourdon tube pressure gauge  
Standard version  
Model 115A****Applications**

- For measuring points with high dynamic pressure loads or vibrations
- For gaseous and liquid media that are not highly viscous or crystallising and will not attack copper alloy parts
- Hydraulics
- Compressors, shipbuilding

**Special features**

- Vibration and shock resistant
- Design per EN 837-1
- Nominal size 40, 50, 63, 80 and 100
- Scale ranges up to -1... 0 ... 1000 bar

**Description**

- Nominal size in mm: 40, 50, 63, 80 and 100
- Accuracy class:
  - NS 40: 2.5
  - NS 50,63,80: 1.6
  - NS 100: 1.0
- Scale ranges: 0 ... 0.6 to 0 ... 1000 bar or all equivalent vacuum or combined pressure and vacuum ranges
- Pressure limitation
  - NS 40,50, 63:
    - Steady: 3/4 x full scale value
    - Fluctuating: 2/3 x full scale value
    - Short time: Full scale value
  - NS 100: Steady: Full scale value
  - Fluctuating: 0.9 x full scale value
  - Short time: 1.3 x full scale value
- Permissible temperature:
  - Ambient: -20 ... +60 °C
  - Medium: +60 °C maximum
- Temperature effect:  
When the temperature of the measuring system deviates from the reference temperature (+20 °C): max.  $\pm 0.4 \%$ /10 K of the span

