SH 0504

Diaphragm Seal Systems - SH 0504

• This type gauges have horizontal pressure element and also called Schaffer type.
• Horizantal Diaphragm (Schaeffer type) gauges are used to measure low pressure or lc vacuum.
• Diaphragm is directly connected to movement, gauge readouts are swift and stable when compared to Bourdon tubed gauges
• All diaphragm groups are manufactured from AISI 316L. Hastelloy C276 or Monel 400 diaphragms can be manufactured upon request
• Diaphragm can be PTFE coated on request
• Diaphragm Separated types should be used if the process fluids are highly viscous, corrosive or cloggable,
• Highly suitable for pressure measurement of viscous fluids or crystallisable mediums.
• Diaphragm groups which are used to measure low pressures.
• Can not be used in vibrating environments or with pulsating pressures.
Industry Sector: Petro-chemical plants, Mining industry, Machinery Manufacturing and Hydraulics/Pneumatics

Usage Properties

Operating Pressure (max.)	· Must not exceed full scale.
Conformity	· EN 837 - 3
Accuracy Class	· CL 1.6
Ambient Temperature	· - 20 ... + 60 °C
Protection Rate	· IP 65
Fluid Temperature	· Maximum + 120 °C
Storage Temperature	· -40 ... +70 °C

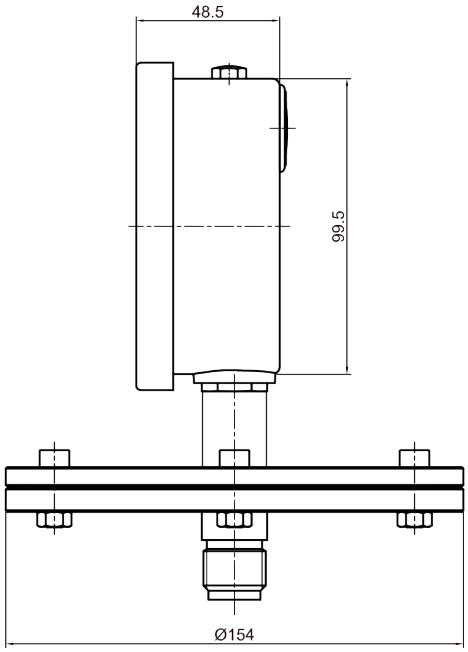
Constructive Properties

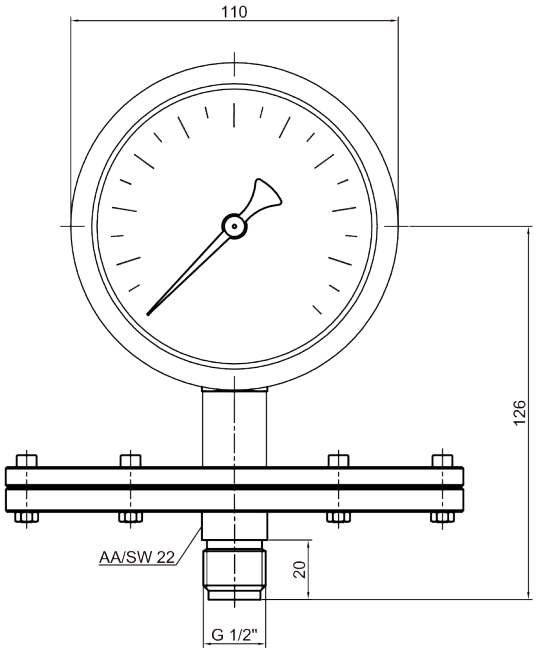
Process Connection	· G 1/2"
Scale Unit	· bar
Scale Range (PN)	· 0/0,6 · 0/1 · 0/1,6 · 0/2,5 · 0/4 · 0/6 · 0/10 · 0/16 · 0/25
Scale Range (mbar)	· 0/40 · 0/60 · 0/100 · 0/160 · 0/250 · 0/400
Diaphragm Body	· Stainless Steel AISI-316L
Diaphragm	· Stainless Steel AISI-316L
Case	· Stainless Steel AISI-316L
Bezel	· Stainless Steel AISI-316L
Movement	· Stainless Steel
Window	· Safety Glass
Dial	· Aluminum
Pointer	· Aluminum
Nominal Diameter	· Ø100 mm · Ø160 mm

Constructive Properties

Nuts & Bolts	· Stainless Steel
Sealing	· Viton
Contact Types	

Technical Drawings - SH 0504





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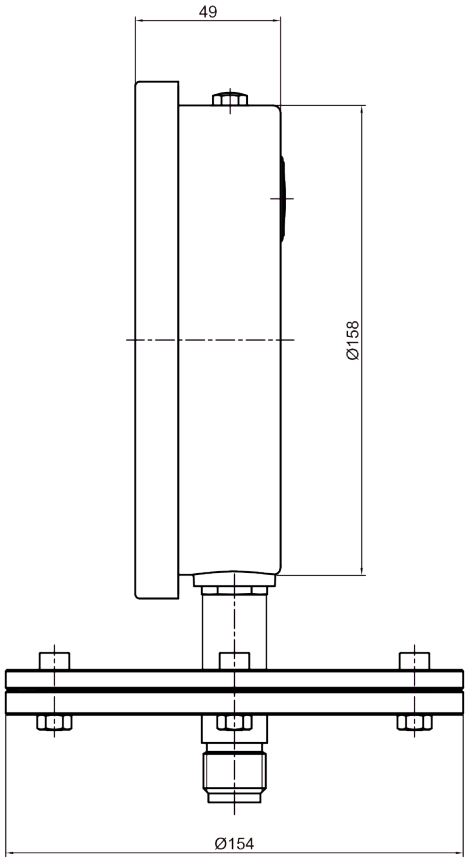

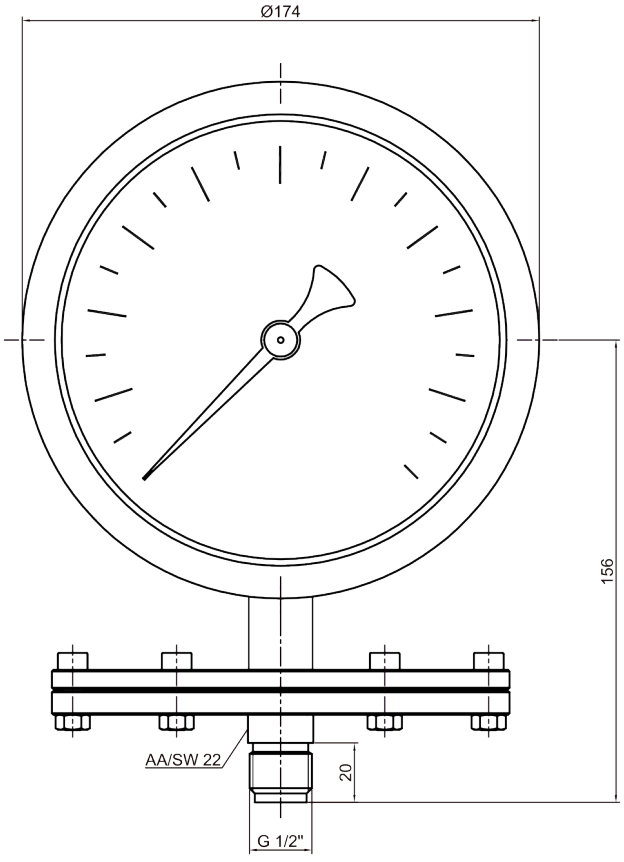

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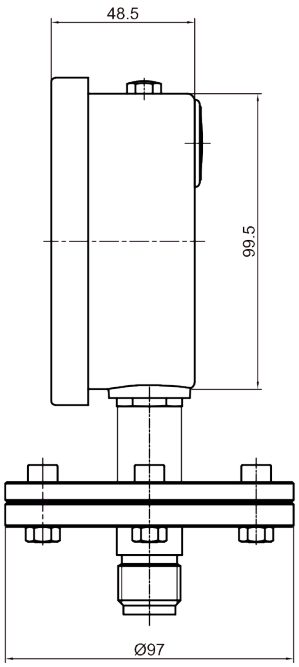
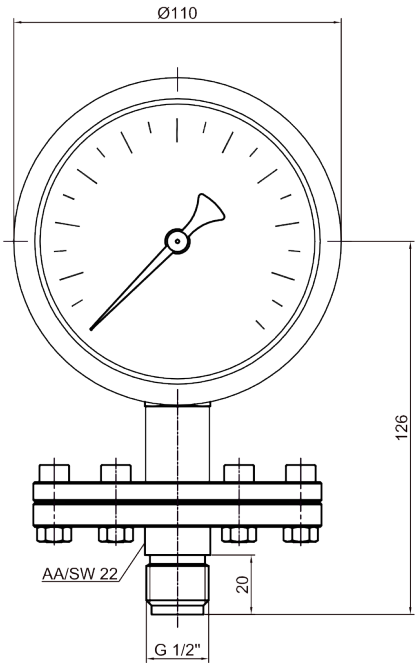
Technical Drawings - SH 0504





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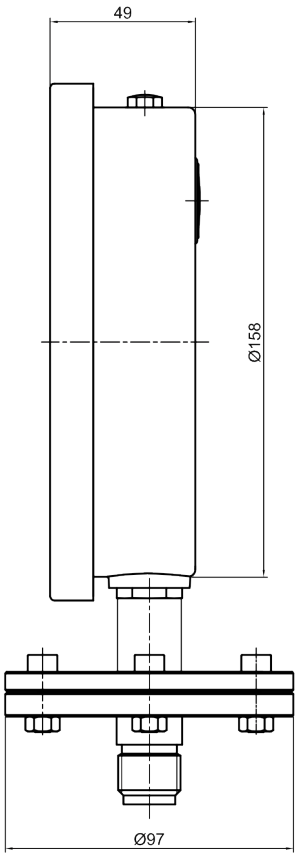

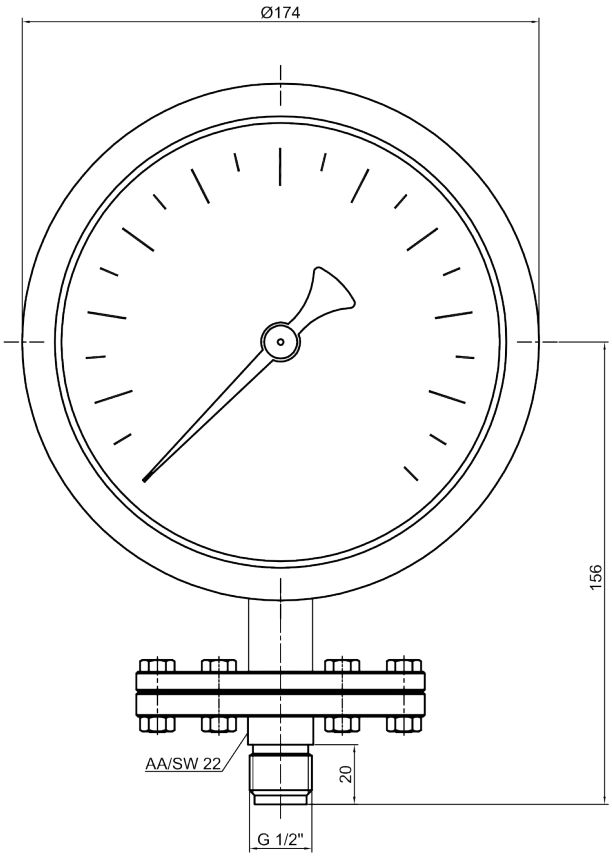

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