



Pressure Gauges - DG 100 / 0597

- Used for measuring difference between two separate pressure sources.
 - Used with gas and liquids which do not attack stainless steel 316L.
 - AISI 316 Stainless steel case and block.
 - Hastelloy C276 or Monel 400 diaphragms can be manufactured upon request
 - Good durability to high static pressures
 - Filter clogging, flow rate and liquid level can be monitored.
 - In vibrating environments or with pulsating pressures liquid filled types should be use
- Industry Sector: Petro-chemical plants, Mining industry, Water treatment plants and Hydraulics systems.



Usage Properties

Operating Pressure (max.)	· PN ± 250 bar
Conformity	· EN 837 - 1
Accuracy Class	· CL 1.6
Ambient Temperature	· - 20 ... + 60 °C
Protection Rate	· IP 55
Optimum Operating Range	· Between 0,0 x PN and 1,0 x PN
Fluid Temperature	· Maximum + 150 °C
Storage Temperature	· -40 ... +70 °C

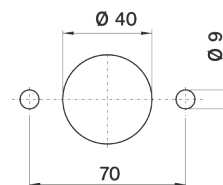
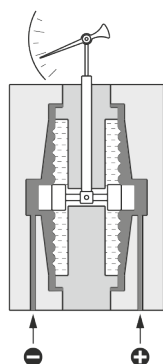
Constructive Properties

Mounting Type	· Bottom Connection
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
Diaphragm	· Stainless Steel AISI-316L
Case	· Stainless Steel AISI-304
Bezel	· Stainless Steel AISI-304
Movement	· Stainless Steel AISI-304
Window	· Safety Glass
Dial	· Aluminum
Pointer	· Aluminum
Welding	· TIG Welding

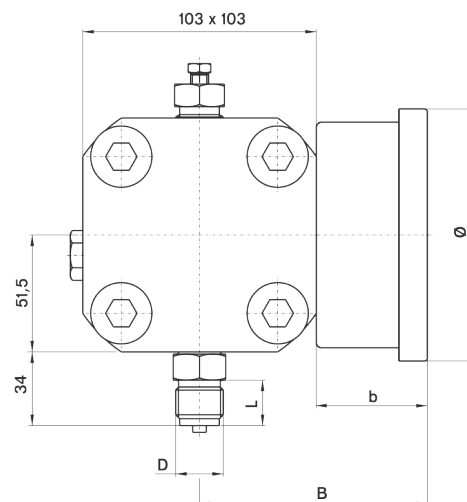
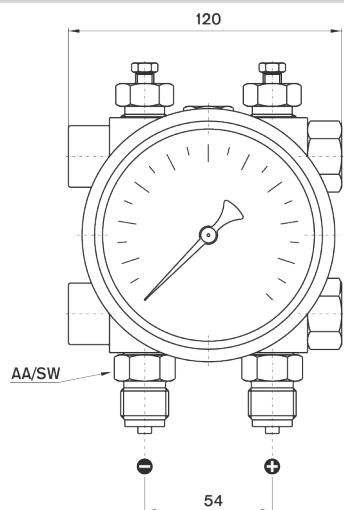
Technical Drawings - DG 100 / 0597

Ø	D	L	B	b	AA/SW	gr.	Model #
100	G 1/2"	20	102,5	51	24	7000	0597 201
	1/2" NPT	21					0597 221
160	G 1/2"	20	103,5	52	24	7300	0597 202
	1/2" NPT	21					0597 222

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