All Stainless Steel Flush Diaphragm Seal Pressure Gauges

Applications

- For pressure measurement applications of corrosive gaseous and liquids (not with solid particles fluids)
- Paper industry
- Clean water and waste water treatment systems
- Chemical and Petro-chemical industry
- Power plants
- Paint and glue applications

Sample Picture



General Features

- Production according to EN 837-1 standard
- All stainless steel material
- High temperature resistance
- Resistance to heavy working conditions

Standard Technical Features

Nominal size
63 mm, 100 mm, 160 mm

Design
EN 837 - 1

Ingress Protection
IP 65

Accuracy class
Cl. 1.6 : 63 mm
Cl. 1.0 : 100 mm, 160 mm

Scale ranges
G 1" BSP : PN 400 bar
G 1½" BSP : PN 250 bar
G 2" BSP : PN 250 bar

Pressure limitation
Full scale

Ambient temperature
A300 (dry version) : -20 … +40 °C
A300G (filled version) : -20 … +40 °C

Media temperature
A300 (dry version) : +150 °C maximum
A300G (filled version) : +100 °C maximum

Case
304 stainless steel

Bezel ring
304 stainless steel (Bayonet type)

Pointer
Black painted Aluminium DIN pointer

Dial
Aluminium with white background

Window
Safety glass

Standard Technical Features

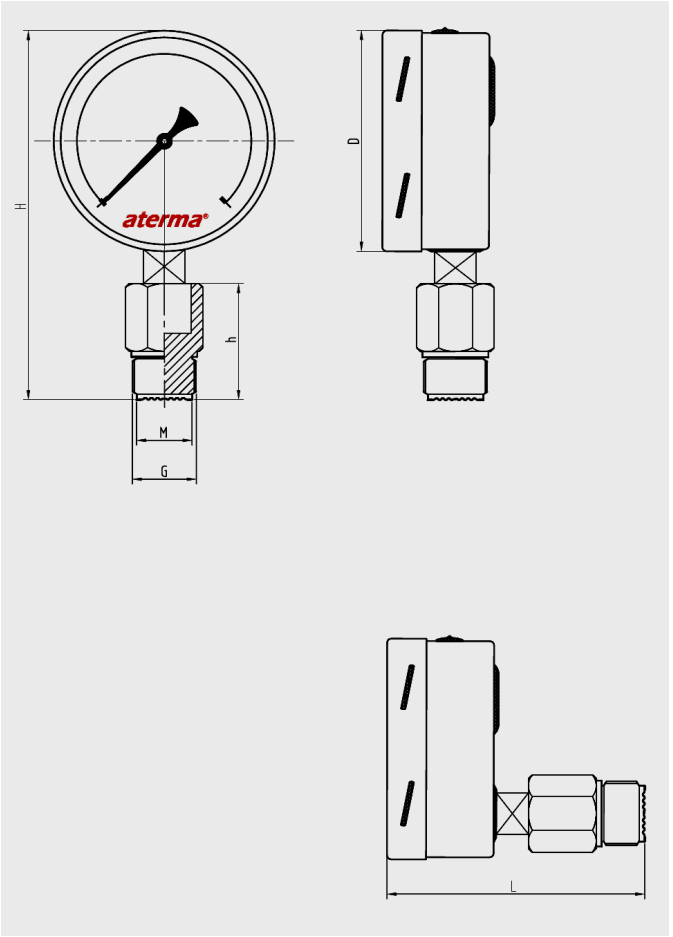
Movement
304 stainless steel

Diaphragm body material
316 stainless steel (standard)
316L stainless steel on request

Membrane material
316L stanless steel (standard)

Process connection
G 1/2 B , G 1 B , G 1 1/2 B , G 2 B
* NPT connections on request

Options
- Micro-adjustable Aluminium DIN pointer
- Other scale ranges (kg/cm², psi, MPa etc.)
- High temperature resistance (with cooling tower version)
- PTFE coating (for acids and similar fluids)
- With capillary tube versions
- Calibration certificate
- Special customer dial design
- Other mounting types



Dimensions (mm)	D : 63 mm (1)		D : 100 mm		D : 160 mm					Weights (2) (kg)	
G	H	L	H	L	H	L	h	M	SW	A300	A300G
G 1" B	149,70	126,30	176,70	134,30	239,30	140,30	61,30	21,00	36	0,97	1,22
G 1 1/2" B	143,40	120,00	170,40	128,00	233,00	134,00	55,00	33,30	50	1,35	1,60
G 2" B	141,90	118,50	168,90	126,50	231,50	132,50	53,50	47,00	67	1,90	2,20

(1) : The mounting type of 63 mm Back mount pressure gauges are center back mount.

(2) : The weights are for 100 mm nominal size pressure gauges.

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