All Stainless Steel Threaded Type Diaphragm Seal Pressure Gauges

Applications

- For pressure measurement applications of corrosive gaseous and liquids (not with solid particles filuids)
- Ship building industry
- Clean water and waste water treatment systems
- Chemical and Petro-chemical industry
- Power plants

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
Type - 1 : -1 … 0 bar to 0 … 60 bar
Type - 2 : 0 … 100 bar to 0 ...400 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

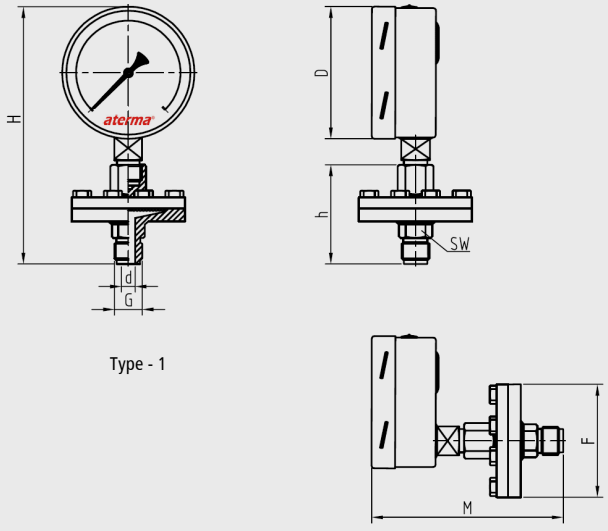
Diaphragm upper body material
316 stainless steel (standard)
316L stainless steel (option)

Membrane material
316L stanless steel (standard)
Option: Tantalum, Titanium, Hastelloy C, Monel
Inconel 600

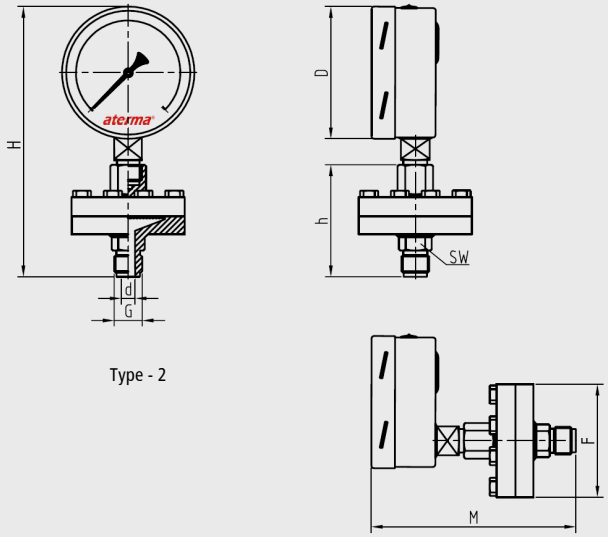
Diaphragm bottom body material
316 stainless steel (standard)
Option: Tantalum, Titanium, Hastelloy C, Monel

Process connection
G 1/2 B - 316 stainless steel (standard)
Inner hole (d) : 12 mm

Options
- Other process connections (1/2 NPT etc.)
- 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



Type - 1



Type - 2

Dimensions (mm)	D : 63 mm (1)		D : 100 mm		D : 160 mm							Weights (2) (kg)	
Model	H	M	H	M	H	M	h	d	F	G	SW	A300	A300G
Type - 1	170,40	147,00	197,40	155,00	260,00	161,00	82,00	12,00	90,00	G 1/2 B	22	2,20	2,45
Type - 2	182,40	158,00	208,40	166,00	271,00	172,00	93,00	12,00	90,00	G 1/2 B	22	3,65	3,90

(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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