All Stainless Steel Threaded Type Horizontal Diaphragm Seal Pressure Gauges

Applications

- Pressure measurement of corrosive and abrasive gases and liquids (without solid particles)
- Process industry
- Environmental technology
- Chemical and Petro-chemical industry
- Power plants

General Features

- Production according to EN 837-3 standard
- All stainless steel material
- Other process connections available
- Scale ranges from 0...25 mbar to 0...25 bar

Sample Picture



Standard Technical Features

Nominal size
100 mm, 160 mm

Design
EN 837 - 3

Ingress Protection
Dry : IP 54 - Glycerine filled : IP65

Accuracy class
Cl. 1.6 : 100 mm
Cl. 1.6 : 160 mm

Scale ranges
0...25 mbar to 0...400 mbar : Flange dia. 160 mm
0...600 mbar to 0...25 bar : Flange dia. 100 mm

Pressure limitation
Steady : 0,9 x Full scale
Short time : Full scale

Ambient temperature
: -20 … +60 °C

Media temperature
: +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

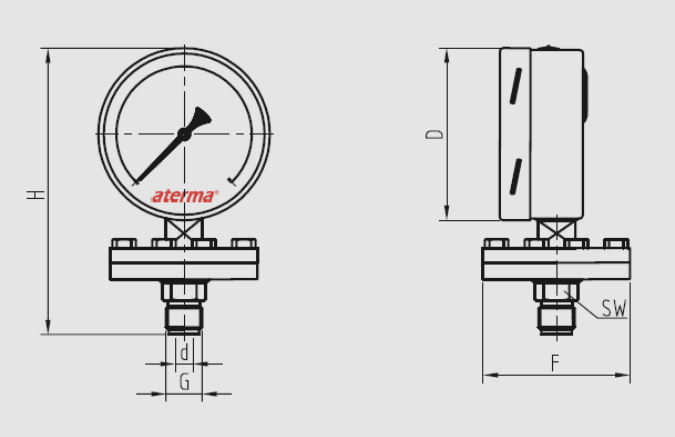
Movement
304 stainless steel

Diaphragm upper body material
316 stainless steel (standard)

Membrane material
316L stainless steel : 0...25 mbar to 0...2,5 bar
Duratherm : : 0...4 bar to 0...25 bar

Diaphragm lower body material
316 stainless steel (standard)

Process connection
G 1/2 B - 316 stainless steel (standard)
Bore (d) : 12 mm (on request)
Other connection types available on request



Options
- Other process connections (1/2 NPT, M20x1,5, flanged connections, etc.)
- Other scale ranges (kg/cm², psi, MPa etc.)
- PTFE coating (for acids and similar fluids)
- Calibration certificate
- Special customer dial design

Dimensions (mm)							Weights (²) (kg)
D - Nominal size (mm)	Scale range	H	F	G	d	SW	
Ø100	-25...0 mbar to 0...400 mbar	170	Ø160	G 1/2 BSP	3	22	1,50
	-600...0 mbar to 0...25 bar	170	Ø100	G 1/2 BSP	3	22	2,70
Ø160	-25...0 mbar to 0...400 mbar	230	Ø160	G 1/2 BSP	3	22	1,90
	-600...0 mbar to 0...25 bar	230	Ø100	G 1/2 BSP	3	22	3,10

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