MM

Horizontal diaphragm pressure gauges

Max over pressure 30% f.s.
Ideal low pressure applications

DESCRIPTION

Gauge particulary suitable for low pressure.
The sensing element is formed by a corrugated diaphragm which is clamped horizontally between two welded bodies.

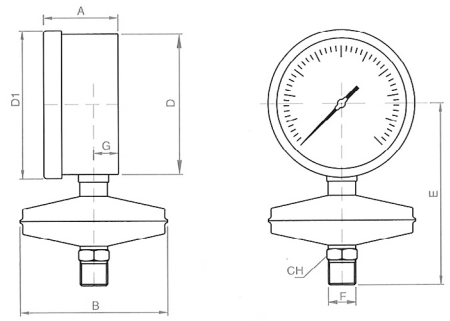
DESIGN FEATURES

Diai size (DS):	mm 100-150
Accuracy:	class 1 according to EN837-3
Case and ring:	304 stainless steel with bayonet clutch, nitrile rubber NBR safety plug
Wetted parts:	diaphragm: 316L stainless steel lower body 304 stainless steel connections: 316L stainless steel G1/2" A UNI ISO 228/1
Movement:	304 stainless steel
Pointer:	black anoized aluminium with zero adjustament
Window:	glass 3 mm thick
Window gasket:	nitrile rubber NBR
Dial:	white alluminium; black scale and graduation according to EN837-3.

RANGES

VACUUM AND COMPOUND GAUGES				PRESSURE GAUGES			
-25/0 mBar	-160/0 mBar	-1/0 Bar	-1/0/5 Bar	0/25 mBar	0/160 mBar	0/0,6 Bar	0/4 Bar
-40/0 mBar	-250/0 mBar	-1/0/0,6 Bar	-	0/40 mBar	0/250 mBar	0/1 Bar	0/6 Bar
-60/0 mBar	-400/0 mBar	-1/0/1,5 Bar	-	0/60 mBar	0/400 mBar	0/1,6 Bar	-
-100/0 mBar	-600/0 mBar	-1/0/3 Bar	-	0/100 mBar	0/600 mBar	0/2,5 Bar	-

DIMENSIONS (MM) AND WEIGHTS (KG)



RANGE	B	WEIGHT DN 100	WEIGHT DN 200
0/25 mbar ÷ 0/60 mbar	124	0,9	1,2
0/100 mbar ÷ 0/160 mbar	108	0,8	1,1
0/250 mbar ÷ 0/6 bar	75	0,7	1,0

DN	D	D1	A	CH	E	F	G	Amax
100	101	114	54	22	130	G1/2"	18"	83
150	149	162	54	22	166	G1/2"	18"	83

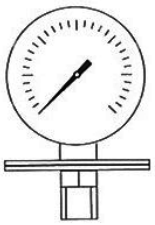
TECHNICAL CHARACTERISTICS

Operating pressure:	costant: 75% V.F.S.	changeable: 60% V.F.S.
Operating temperature:	ambient: -30 ÷ 65°C	process fluid -30 ÷ 100°C
Overpressure	30% V.F.S.	
Thermal drift:	max ±0,6% of span every 10°C of deviation from the reference temperature of 20°C	
Protection rating:	IP55 according EN 60529	

OPTIONS AND ACCESSORIES

Liquid filling:
glicerol 90% (Tamb. 5 - 65°C) or silicone oil (Tamb. -20 - 80°C).
Min/max/min e max dragging pointers.
Electric or inductive contacts.
Dampeners.
Siphons.
Valves.
Cleaning plug

MOUNTING



MM1
Direct, bottom threated connection