



Specifications

- Diameter: 100-150mm
- Case and ring in st. st. 304, bayonet type ring
- Protection degree: IP55
- Transparent: glass, thickness 4mm, gasket in neoprene
- Movement: Nickel plated brass
- Dial: aluminium with black numerals on white back ground
- Pointer: Aluminium, black painted, micrometric adjustable
- Blow out: neoprene, upper
- Connection material: st. st. 316,
- Sensing element: capsule in AISI 316 Ti welded TIG
- Gasket to the pivot: polychloroprene
- Connection dimension: threaded ½"NPTM or BSPM
- Mounting:
 - Type A bottom connection, direct, direct mounting
 - Type D back connection, direct mounting
- Ranges: see table at page 2
- Overpressure: not permitted
- Accuracy: class 1,6 acc. to EN837 at 20°C
- Ambient temperature limit: -25/+60°C
- Fluid temperature limit: max 100°C
- Construction acc. to ATEX directive 94/9/EC, gr.II cat. 2GDc
- Construction according to PED directive 97/23/EC

Introduction

The all stainless steel capsule gauge AX300 is designed for low pressure measurements and is suitable for corrosive environments and gaseous media that will attack copper alloys.



Options

- Acrylic or safety glass window
- Pulsation dampener (see related datasheet)
- Overpressure protector (see related datasheet)
- Syphon (see related datasheet)
- Needle valve (see related datasheet)
- Acrylic window with max value pointer resettable from the front

Available certification

- 2.1 certificate of conformity
- 3.1 material certificate
- Test certificate for indication accuracy
- ATEX 94/9/EC conformity certificate (for ATEX version)

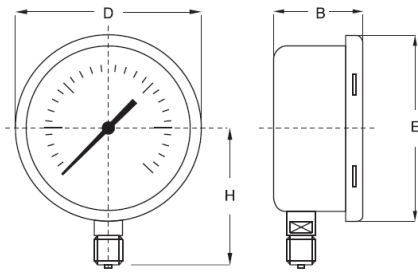
How to order

Please specify: model, mounting, case diameter, range, connection, options, certificates

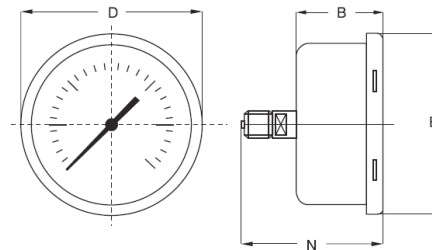
Example: AX300, A, 100 mm, 0/100 mbar, ½" BSPM,

Pressure														
mbar	0/6	0/10	0/16	0/25	0/40	0/60	0/100	0/160	0/250	0/300	0/400	0/600		
Vacuum and compound														
mbar	-3/+3	-5/+5	-10/+6	-15/+10	-25/+15	-40/20	-6/0	-10/0	-16/0	-25/0	-40/0	-60/0	-100/0	-160/0
	-250/0	-400/0	-600/0											
mmHg	-760/0													

Other ranges and double scales available on request



Type A: Direct mounting, bottom connection



Type D: Direct mounting, back connection

Type	DN	D	B	E	H	N	Weight kg dry
A	63	63	28	68	54	-	0,11
A	100	101	50.5	112	87	-	0,8
A	150	150	53.5	166	118	-	1,1
D	100	101	50.5	112	-	86	0,8
D	150	150	53.5	166	-	89	1,1