

CAPSULE PRESSURE GAUGE, STAINLESS STEEL LOW PRESSURE



Applications

Gas and Dry air
Biotechnology
Chemical and Petrochemical
Low-pressure pneumatic systems

Accuracy class

EN 837-3 Class 1.0 and Class 1.6

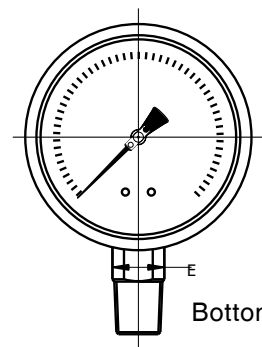
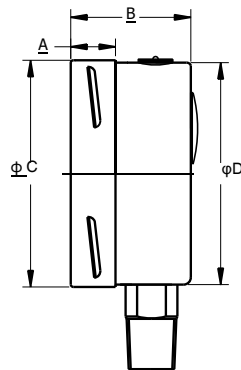
Special features

Standard Followed ASME-B 40.1 / EN837-3
Ready For Oxygen Service
IP65
External Zero Adjustable
Helium Leak Tested
Wetted Parts AISI 316L Stainless Steel



Bourdon tube pressure gauge, standard EN 837-3

Dimensions



Bottom connection

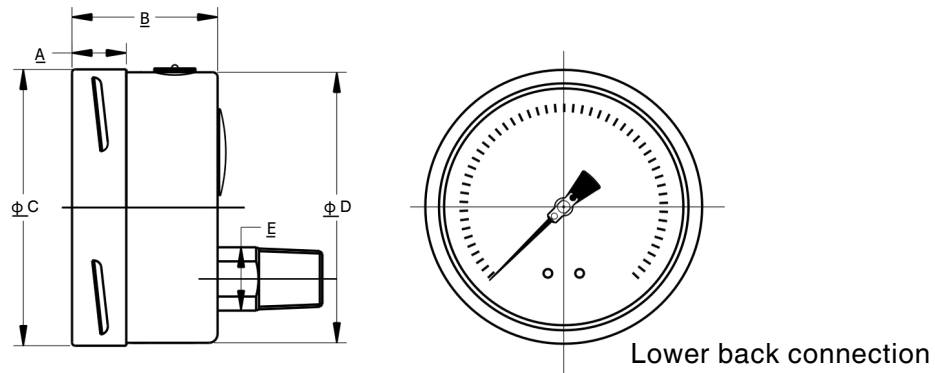
NS	A	B	Ø C	Ø D	E	Weight (lbs)
63 [2.½"]	0.5"	1.6"	2.8"	2.6"	0.6"	0.57
80[3"]	0.5"	1.6"	3.3"	3"	0.6"	0.75

Dimensions in inches

CAPSULE PRESSURE GAUGE, STAINLESS STEEL LOW PRESSURE



Dimensions



NS	A	B	Ø C	Ø D	E	Weight (lbs)
100 [4"]	0.6"	1.9"	4"	3.9"	0.87"	1.32
160 [6"]	0.6"	1.9"	6.3"	6.2"	0.87"	2.64

Dimensions in inches

Specifications

Standard	
Ambient Temperature	-4°F (-20°C) to +150°F(+65°C)
Process Temperature	Max. 212°F (100°C)
Operating Pressure Range	75% of Scale Value
Over Pressure Limit	110% of Max.Scale Value
Case	AISI 304 SS
Joints	Tig Argon Arc Welding
Socket	AISI 316L SS
Bourdon	AISI 316L SS
Movement	AISI 304 SS
Dial	Aluminum
Pointer	Fixed
Window	Safety Glass

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Scale ranges

mbar	
0...40	0...250
0...60	0...400
0...100	0...600
0...160	

kPa	
0...4	0...25
0...6	0...40
0...10	0...60
0...16	

mmH ₂ O	
0...400	0...2,500
0...600	0...4,000
0...1,000	0...6,000
0...1,600	

inH ₂ O	
0...16	0...100
0...24	0...160
0...40	0...240
0...60	

Vacuum and +/- scale ranges

mbar	
-60...0	-250...0
-100...0	-400...0
-160...0	-600...0

kPa	
-4...0	-25...0
-6...0	-40...0
-10...0	-60...0
-16...0	

mmH ₂ O	
-400...0	-2,500...0
-600...0	-4,000...0
-1,000...0	-6,000...0
-1,600...0	

inH ₂ O	
0...16	-100...0
-24...0	-160...0
-40...0	-240...0
-60...0	



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Example

EXTRA OPTIONS

DIAL SIZE

63

63	80	100	160
2½"	3"	4"	6"

TYPE OF MOUNTING

M01

M01	BOTTOM
M02	LOWER BACK
M03	CENTER BACK WITH FRONT FLANGE
M04	CENTER BACK WITH MOUNTING BRACKET
M05	CENTER BACK
M06	LOWER BACK WITH FRONT FLANGE
M07	LOWER BACK WITH MOUNTING BRACKET
M08	WALL/SURFACE/PROJECTION MOUNTING WITH BOTTOM

PROCESS CONNECTION

2NM

2 BM	1/4" BSP (M)
2 NM	1/4" NPT (M)
3 BM	3/8" BSP (M)
3 NM	3/8" NPT (M)
4 BM	1/2" BSP (M)
4 NM	1/2" NPT (M)
4 MM	M20 X 1.5 (M)
4 TM	1/2" BSPT (M)

SCALE RANGE

(range)

PLEASE CONSULT FOR SCALE RANGE

E01	OXYGEN SERVICE (FOR DRY VERSION)
E02	TESTED TO NACE STANDARD
E03	HELIUM LEAK TEST
E04	AISI 316 SS MOVEMENT
E05	2" PIPE/YOKE MOUNTING BRACKET & 'U' CLAMP (AISI 316 SS)
E06	ANTI PARALLAX MIRROR BAND DIAL
E07	CUSTOM DESIGNED DIAL
E08	ATEX (AS PER 2014/34/EU)
E09	DIAL TAG MARKING
E10	PLEXI GLASS
E11	SHATTERPROOF /SAFETY GLASS
E12	TOUGHENED GLASS
E13	MAXIMUM READING POINTER WITH PLEXI GLASS FILLABLE VERSION
E14	ELECTRO POLISHED CASE & BEZEL
E15	EPOXY PAINTED CASE & BEZEL
E16	CASE WITH BAYONET TYPE BEZEL
E17	AISI 316 SS CASE & BEZEL
E18	ON-OFF TYPE VENT PLUG SS TAG PLATE
E19	SS TAG PLATE
E20	INTEGRAL DAMPENING SCREW (AISI 316 SS)
E21	INTEGRAL DAMPENING SCREW (MONEL)
E22	F L LABLE LIQUID SILICON OIL
E23	DAMPENING LIQUID SILICON OIL FILLED
E24	MATERIAL TEST CERT IFICATES
E25	FIVE POINT CALIBRATION CERTIFICATE NATIONAL/ INTERNATIONAL STANDARDS
E26	AISI 316SS TAG PLATE

Ordering Example : W65 - 63 - M01 - 2NM - (range) - (extra option)