

bourdon tube pressure gauges standard execution DS 1.5", 2" (40-50mm)



PED 2014/68/EU

These instruments can be used with gaseous or liquid media that do not corrode copper alloy, have low viscosity, and do not crystallize.

1.01.1 - Standard Model, DS 1.5" (40mm)

Design: EN 837-1.

Ranges: from 0...30 to 0...600 *psi* (from 0...2,5 to 0...40 bar or equivalent units)

Accuracy class: 1,6 as per EN 837-1.

Ambient temperature: -13...+122°F (-25°C...+50°C).

Process fluid temperature : +149°F (+ 65 °C max).

Thermal drift: max ±0,4 %/10 K of range (starting from 68°F - 20°C).

Working pressure:

75% of FSV for static pressure;

66% of FSV for pulsating pressure.

Overpressure (max 15 min):

25% of FSV for ranges ≤ 1500 *psi* (100 bar);

15% of FSV for ranges over 1500 *psi* (100 bar).

Protection degree: IP 40 as per IEC 529.

Socket material: copper alloy.

Bourdon tube: copper alloy.

Welding: copper alloy.

Case: stainless steel

Window: plastic.

Movement: copper alloy.

Dial: aluminium, white with black markings

Pointer: non adjustable, aluminium, black.

1.01.1 - Standard Model, DS 2" (50mm)

Ranges: from 0...30 to 0...6000 *psi* ; (from 0...2,5 to 0...400 bar or other equivalent units).

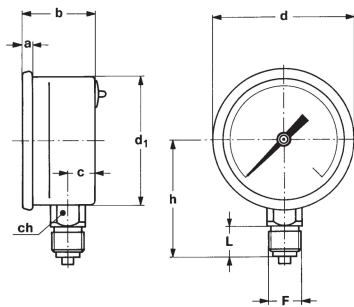
Ambient temperature: -13...+149°F (-25°C...+65°C).

Other features: as Standard Model, DS 1.5" (40mm).

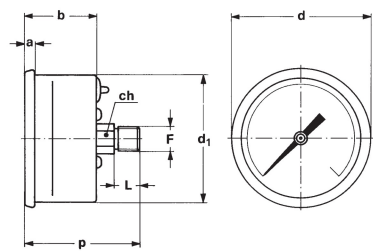
bourdon tube pressure gauges
standard execution, DS 1.5", 2" (40-50mm)

MS1

RC6 - 10/16



A - LOWER CONNECTION



D - BACK CONNECTION

Mounting	DS	F	a	b	c	d	d ₁	h	p	L	ch	Weight
Back	A 1.5" (40)	11M - G 1/8 A 13M - 1/8-27 NPT		1.04" (26,5)	0.43" (11)	1.61" (41)			1.77" (45)	0.39" (10)	0.47" (12)	0.15 lbs (0,07 kg)
Lower	B 2" (50)	21M - G 1/4 A	0.15" (4)	1.14" (29)	0.43" (11)	2.20" (56)	2.00" (51)			0.51" (13)	0.55" (14)	0.22 lbs (0,1 kg)
Lower	B 2" (50)	23M - 1/4-18 NPT	0.15" (4)	1.14" (29)		2.20" (56)	2.00" (51)	1.88" (47,9)		0.59" (15)	0.55" (14)	0.22 lbs (0,1 kg)
Back	B 2" (50)	11M - G 1/8 A 13M - 1/8-27 NPT	0.15" (4)	1.14" (29)		2.20" (56)	2.00" (51)	1.88" (47,9)	1.81" (46)	0.39" (10)	0.47" (12)	0.18 lbs (0,085 kg)

dimensions : inches (mm)

"HOW TO ORDER" SEQUENCE

Section / Model /Case / Mounting / Diameter / Range / Process connection / Options

1 **01** **1** **A** **A** **11M**
D **B** **13M**
21M
23M

