



### Application

Testing of pressure gauges; measurement of pressures with a high accuracy, e.g. in laboratories.  
Pressure ranges 0-1.0 MPa for gaseous media,  
Pressure ranges 0-1.6 MPa and above for liquid media

### Nominal Case Sizes (NCS)

160 mm (6")

### Accuracy

± 0,4% (indication accuracy ± 0.4% of full scale value)

### Pressure Ranges

0-0,1 MPa up to 0-60 MPa

-0,1-0 MPa

### Application Fields

at steady load: full scale value

at dynamic load: 0.9 x full scale value

### Temperature Resistance

Ambient temperature: -25 / +60 °C (-13 °F / 140 °F)

Medium temperature: +60 °C (140 °C)

### Temperature Caused Error

The additional error caused by temperatures differing from the reference temperature + 20 °C (+68 °F) is not more than 0.4% of the full scale value per each 10K.

### Standard Version

#### Connection

bottom

M20 x 1.5 optional G ½ B

#### Wetted Parts

Model -1: connection: brass

bourdon tube: c-form

≤4 MPa = bronze

6 MPa = CuBe

c-form

≥10 MPa = 1.4571

(316 stainless steel)

60 MPa = NiFe-alloy

#### Movement

Brass / German silver with eccentric adjustment through the dial

#### Dial

Aluminum, black figures, white background

#### Pointer

Anti-Parallax pointer, aluminum black

#### Case

Bayonet ring, coated steel

#### Window

Instrument glass with adjusting bore (closed by plug)



### Ordering Information (model construction):

Please state in your order:

Basic model: MO 160

Nominal case size: 160

Accuracy: 0.4%

Pressure range: e.g. 0-1 MPa

Connection thread: M20x1.5



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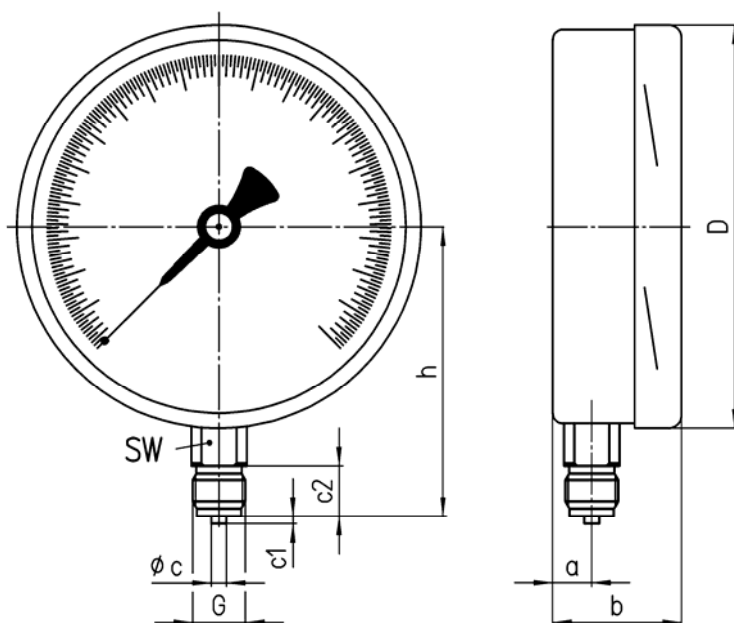
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## Case Configuration



## Dimensional data (mm / inches) and weight (kg / lb)

NCS	D	a	b	c	c1	c2	G	h	SW	Weight
160 (6")	161 6.34	15.5 0.61	51 2.01	6 0.24	3 0.12	20 0.79	M20x1.5 G ½ B	115 4.53	22 0.87	1.1 2.43



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