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## Mechanical pressure gauges

## BOURDON TUBE PRESSURE GAUGE - STAINLESS STEEL SERIES

KL 160\_K\_417\_2010\_12\_E



**MM 160 K/417/1,6(1)**  
**MM 160 K/517/1,6(1)**  
**MM 160 G/417/1,6**  
**MM 160 G/517/1,6**

### Application:

Suitable for corrosive environments and gaseous or liquid media that will not obstruct the pressure system. With liquid filled case for applications with high dynamic pressure pulsations or vibrations.

Suitable for chemical industry, petro-chemical industry, mining industry, mechanical engineering, environmental technology and plant construction.

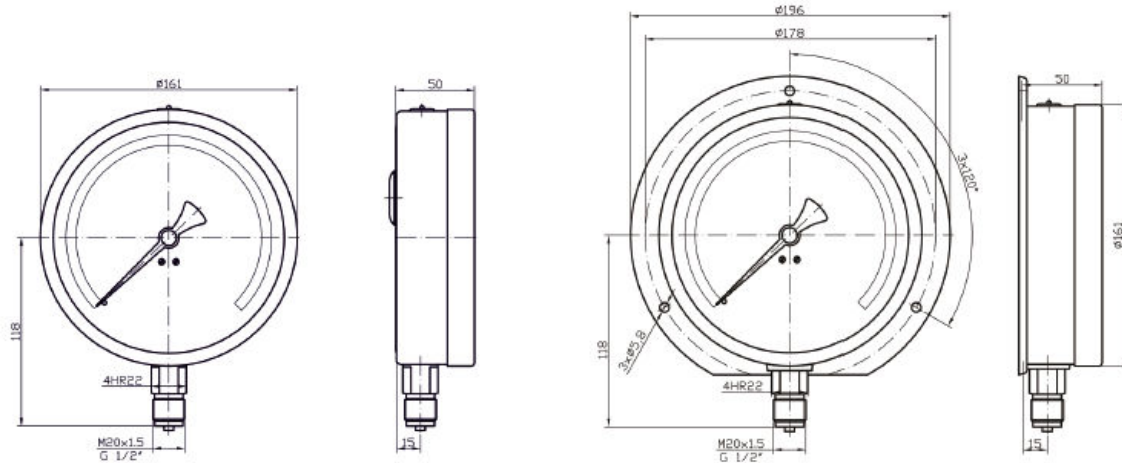
### Technical parameters:

Construction:	EN 837-1
Nominal size:	160 mm
Accuracy class:	1,6%(1%)
Scale range: Working pressure:	0-0,6 bar to 0-1000 bar static load 75% of full scale value dynamic load 65% of full scale value
Operating temperature:	ambient 40.....+60°C without liquid filling ambient 20.....+60°C with liquid filling medium max. +150°C without liquid filling medium max. +100°C with liquid filling
Temperature effect:	when temperature of the pressure element deviates from reference (+20°C) $\pm 0,04 \times (t_2 - t_1) \%$ stainless steel
Movement	white aluminium, dial marking black
Dial :	black aluminium
Pointer:	glass, (laminated safety glass)*
Lens:	bayonet ring, stainless steel
Case:	bourdon tube 1,4571
Measuring element:	$\leq 100$ bar „C” type $> 100$ bar helical type
Socket:	stainless steel 1,4301 (1,4571)*
Connection:	lower mount (LM),
Connection thread:	M 20x1,5 (G1/2, other)*
Protection:	IP 65 EN 60 529
Filling:	glycerine (silicone)*
Options:	backward flange*

\* marked execution on special request



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**IDENTIFICATION:**

model	execution	pressure range	flange	weight
<b>MM 160 K/417/1,6(1)</b>	dry	0-0,6 bar ÷ 0-100 bar		1050 g
<b>MM 160 K/517/1,6(1)</b>	dry	0-160 bar ÷ 0-1000 bar		1050 g
<b>MM 160 K/447/1,6(1)</b>	dry	0-0,6 bar ÷ 0-100 bar	backward	1200 g
<b>MM 160 K/547/1,6(1)</b>	dry	0-160 bar ÷ 0-1000 bar	backward	1200 g
<b>MM 160 G/417/1,6</b>	glycerine	0-0,6 bar ÷ 0-100 bar		1895 g
<b>MM 160 G/517/1,6</b>	glycerine	0-160 bar ÷ 0-1000 bar		1895 g
<b>MM 160 G/447/1,6</b>	glycerine	0-0,6 bar ÷ 0-100 bar	backward	2055 g
<b>MM 160 G/547/1,6</b>	glycerine	0-160 bar ÷ 0-1000 bar	backward	2055 g