



MMG Műszerszerviz Kft.
 1036 Budapest, Dereglye u. 1.,
 Tel/fax: 204-2252, Tel:203-7443
 Web: www.mmg.hu, E-mail: info@mmg.hu

Mechanical pressure gauges

BOURDON TUBE PRESSURE GAUGE - STAINLESS STEEL SERIES

KL 160_K_427_2010_12_E

MM 160 K/427/1,6(1)
MM 160 K/527/1,6(1)
MM 160 G/427/1,6
MM 160 G/527/1,6



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.

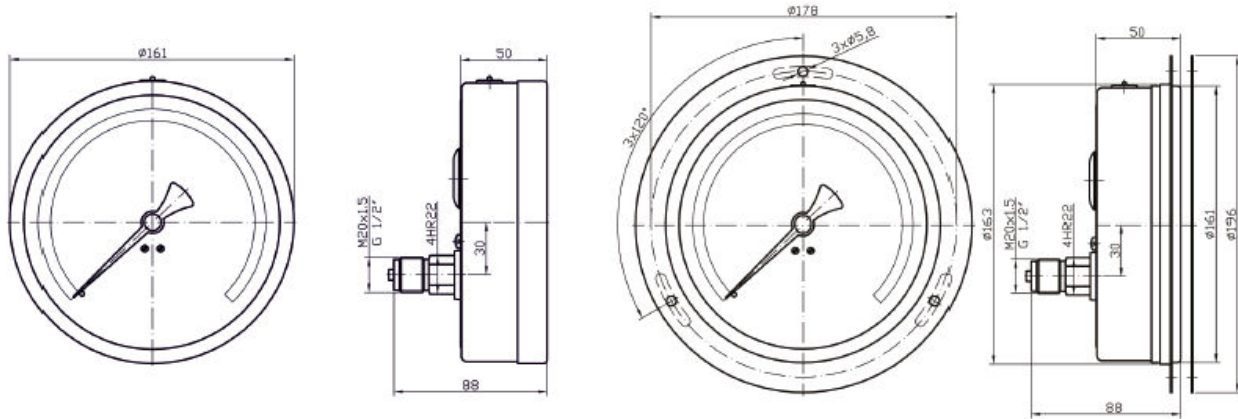
Technical parameters:

Construction:	EN 837-1
Nominal size:	160 mm
Accuracy class:	1,6%(1%)
Scale range:	0-0,6 bar to 0-1000 bar
Working pressure:	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) ± 0,04x(t ₂ -t ₁)% stainless steel
Movement	stainless steel
Dial :	white aluminium, dial marking black
Pointer:	black aluminium
Lens:	glass, (laminated safety glass)*
Case:	bayonet ring, stainless steel
Measuring element:	bourdon tube 1,4571 ≤ 100 bar „C” type > 100 bar helical type
Socket:	stainless steel 1,4301 (1,4571)*
Connection:	lower back mount (LBM)
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
MM 160 K/427/1,6(1)	dry	0-0,6 bar ÷ 0-100 bar		920 g
MM 160 K/527/1,6(1)	dry	0-160 bar ÷ 0-1000 bar		920 g
MM 160 K/457/1,6(1)	dry	0-0,6 bar ÷ 0-100 bar	backward	1060 g
MM 160 K/557/1,6(1)	dry	0-160 bar ÷ 0-1000 bar	backward	1060 g
MM 160 G/427/1,6	glycerine	0-0,6 bar ÷ 0-100 bar		1860 g
MM 160 G/527/1,6	glycerine	0-160 bar ÷ 0-1000 bar		1860 g
MM 160 G/457/1,6	glycerine	0-0,6 bar ÷ 0-100 bar	backward	2000 g
MM 160 G/557/1,6	glycerine	0-160 bar ÷ 0-1000 bar	backward	2000 g