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Mechanical pressure gauges

BOURDON TUBE PRESSURE GAUGE - STAINLESS STEEL SERIES

KL 100_K_417_2010_12_E



MM 100 K/417/1,6(1)
MM 100 K/517/1,6(1)
MM 100 G/417/1,6
MM 100 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.

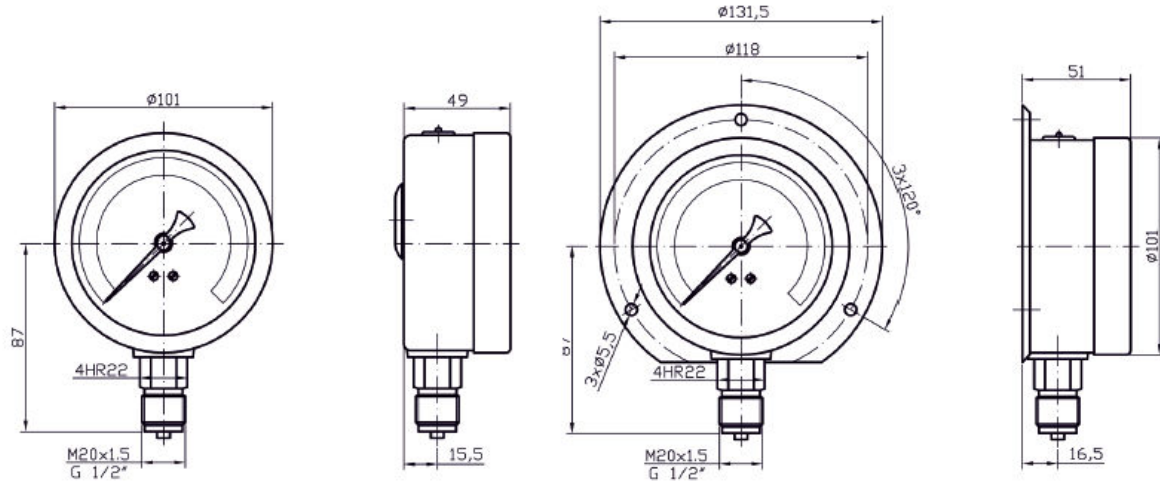
Technical parameters:

Construction:	EN 837-1
Nominal size:	100 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) $\pm 0,04 \times (t_2 - t_1) \%$
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 ≤ 60 bar „C“ type > 60 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
MM 100 K/417/1,6(1)	dry	0-0,6 bar ÷ 0-60 bar		500 g
MM 100 K/517/1,6(1)	dry	0-100 bar ÷ 0-1000 bar		500 g
MM 100 K/447/1,6(1)	dry	0-0,6 bar ÷ 0-60 bar	backward	600 g
MM 100 K/547/1,6(1)	dry	0-100 bar ÷ 0-1000 bar	backward	600 g
MM 100 G/417/1,6	glycerine	0-0,6 bar ÷ 0-60 bar		810 g
MM 100 G/517/1,6	glycerine	0-100 bar ÷ 0-1000 bar		810 g
MM 100 G/447/1,6	glycerine	0-0,6 bar ÷ 0-60 bar	backward	910 g
MM 100 G/547/1,6	glycerine	0-100 bar ÷ 0-1000 bar	backward	910 g