

Heavy Duty pressure gauges with capsule element

Nominal size ND 63
Accuracy class 1,6

according to DIN EN 837-3

Characteristics

Zero adjustment
Solid version
High reliability and long-term stability
Copper-beryllium alloy measuring system

Applications

For measuring of small pressures
Used for all gaseous and dry pressure media,
which are not attack copper alloys.

Instrument range

Mechanical / plant engineering
Energy technology

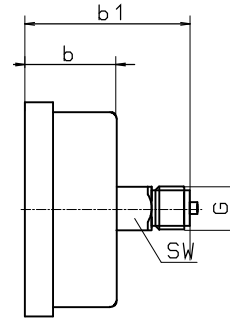
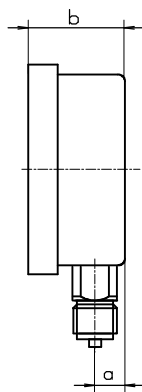
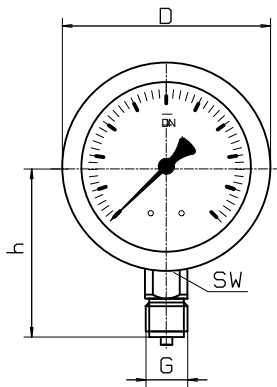


Model and ND	MK-20 63	MK-24 63
Connection	bottom	back centric
Ranges in mbar	0...25, 40, 60, 100, 160, 250, 400, 600 -25 / 0, -40 / 0, -60 / 0, -100 / 0, -160 / 0, -250 / 0, -400 / 0, -600 diverse mano-vacuum-ranges	
Applications	Constant load : up to full scale value Alternating load: full scale value Overrange protection 1,3 times max. Greater overpressure or underpressure safety on request	
Case	CrNi-steel	
Bayonet ring	CrNi-steel	
Window	Glass lens	
Dial	Aluminium white, scale and imprint black	
Pointer	Aluminium, black	
Movement	CuZn alloy and German silver	
Measuring element	Copper-beryllium alloy	
Pressure connection	SW 14, copper alloy	
Connection thread	G 1/4 B	
Protection type	IP 54 according to EN 60529 / IEC 529	
Temperatures	Medium: -20°C to 80°C, ambient: -25°C to 60°C	
Weight	0,22 kg	0,22 kg

Dimensions and Design

Connection bottom

Connection, back centric

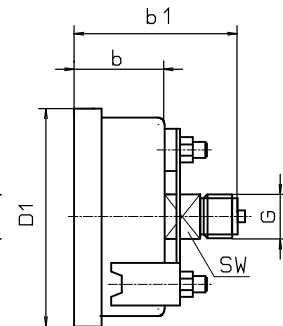
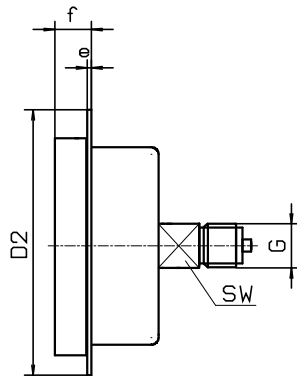
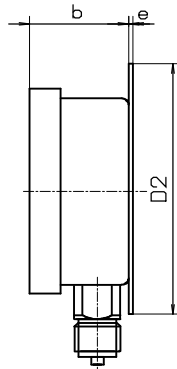
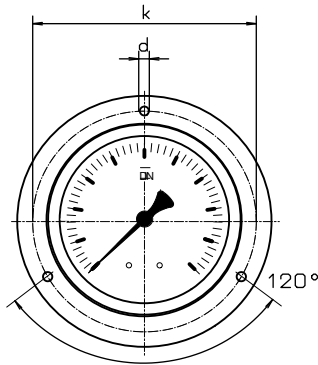


Front flange

Rear flange

Front flange

with triangle bezel and U-clamp,



Dimensions in mm														
Model	ND	D	a	b	b1	h		D2	e	f	k	d	sw	G
MK-20	63	68,5	9,5	39	-	53		85	3	24	75	3,7	14	G 1/4 B
MK-24	63	68,5	-	39	66	-		85	3	24	75	3,7	14	G 1/4 B

Model specification:

Model

MK-2

Connection

0 or 4

Nominal size

63

ranges

f.e. 60 mbar

options

bottom = 0
back , centric = 4

according to range specification
or f.e.: 60 mbar =060

special options
f.e.: front mounting flange

SUCHY MESSTECHNIK

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Modifications reserved

Heavy Duty pressure gauges with capsule element

Nominal size ND 100 and 160
Accuracy class 1.6

according to DIN EN 837-3

Features

High reliability and long service life
Overload protection ,up to x 10
Zero adjustment
Copper alloy measuring system

Applications

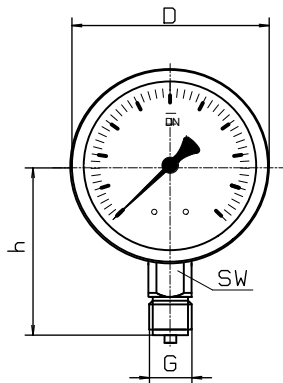
Pharmaceutical industry
filter status monitoring
furnace monitoring
air-conditioning
vacuum measurements and laboratory applications



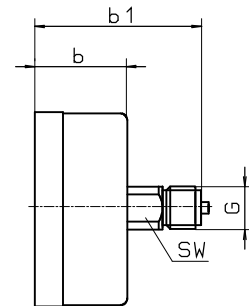
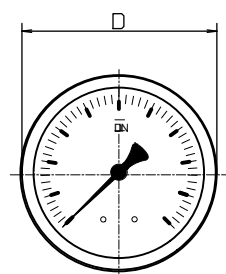
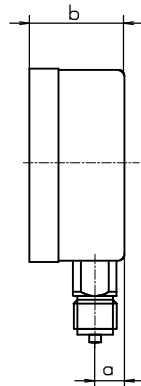
Models and ND	MK-20 100	MK-24 100	MK-20 160	MK-24 160
Connection	bottom	back, centric	bottom	back, centric
Ranges in mbar	0...4, 6, 10, 16, 25, 40, 60, 100, 160, 250, 400, 600 -4 / 0, -6 / 0, -10 / 0, -16 / 0, -25 / 0, -40 / 0, -60 / 0, -100 / 0, -160 / 0, -250 / 0, -400 / 0, -600 several other ranges (-100...+150) a. o.			
Application	Constant load : up to full scale value Alternating load: Overrange protection 1,3 times max. Greater overpressure or underpressure safety on request			
Case	CrNi steel		steel , black	CrNi steel
Bayonet ring	CrNi steel		steel , black	CrNi steel
Window	Glass lens			
Dial	Aluminium white, scale and imprint black			
Pointer	Aluminium, black			
Movement	CuZn-alloy, with zero adjustment			
Measuring element	Copper-alloy			
Pressure connection	Copper-alloy			
Connection thread	G 1/2 A			
Protection class	IP 54 to EN 60529 / IEC 529			
Temperature	Medium: -20°C to 80°C, ambient -25°C to 60°C			
Weight	0,6 kg		1,0 kg	

Dimensions

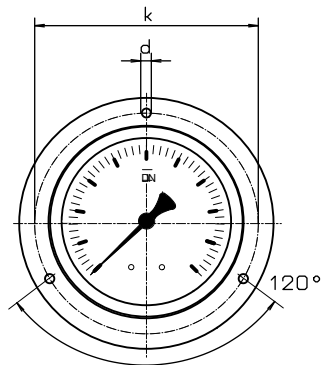
Connection bottom



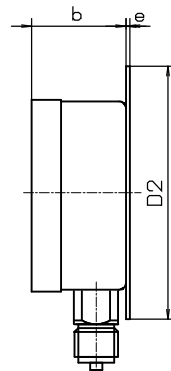
Connection, back centric



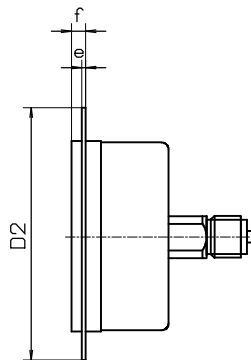
Front flange



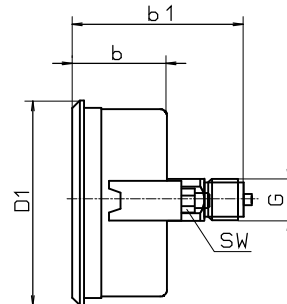
Rear flange



Front flange



with triangle bezel
and U-clamp,



Dimensions in mm														
Model	NG	D	a	b	b1	h	D1	D2	e	f	k	d	sw	G
MK-20	100	101	15	49	-	86	107	132	2	6	116	5	22	G 1/2 B
MK-24	100	101	-	49	85	-	107	132	2	6	116	5	22	G 1/2 B
MK-20	160	160	15	51	-	118	-	196	3	8	178	5,6	22	G 1/2 B
MK-24	160	160	-	51	86	-	166	196	3	8	178	5,6	22	G 1/2 B

Modelspecification

Model	Connection	Nominal size	Ranges	options
MK-2	0 or 4	100 or 160	f.e. 60 mbar	
	Bottom = 0 Back = 4	Case ND 100 = 100 Case ND 160 = 160	after rangespecification for 60 mbar = 060	for example : front mounting flange