

Part number:

**HYDROMA**

HYDRAULICKÉ SYSTÉMY

**HIDROMA
SYSTEMS**

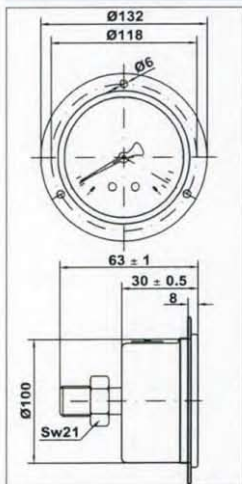
UKŁADY HYDRAULICZNE

HYDROMA

ГИДРАВЛИЧЕСКИЕ СИСТЕМЫ

BOURDON TUBE PRESSURE GAUGE

HIGHLY DURABLE, FOR APPLICATIONS SUBJECT TO VIBRATIONS, PULSATIIONS AND HIGH DYNAMIC PRESSURE LOADS, PROTECTS AGAINST AMBIENT CORROSIVES AND CONDENSATION. SUITABLE FOR GASEOUS AND LIQUID MEDIA WHICH ARE NOT HIGHLY VISCOUS, DO NOT CRYSTALLIZE AND ARE NOT AGGRESSIVE TO COPPER ALLOYS

**MG3B-INOX 100****Glycerine Filled Stainless Steel Case DN100 Centre Back Entry with 3-Hole Panel Mounting Flange****Materials**

Case + 3-hole flange:	Stainless Steel 1.4301 with blow out/ranges ≤ 16bar to be vented by cutting the rubber nipple at the top
Window:	Clear plastic
Dial:	White plastic
Pointer:	Black plastic
Pressure connection:	Cu-alloy, 21 mm flats, ≥ 40 bar restrictor 0.5mm
Pressure element:	Bourdon tube Cu-alloy soft soldered ≤ 60 bar C-type, > 60 bar helical type
Movement:	Cu-alloy
Liquid filling:	Glycerine 86.5%

Technical Specifications

Design:	EN 837-1
Working pressure:	Steady: 75 % of full scale value Fluctuating: 60 % of full scale value Short time: full scale value
Operating temperature:	Ambient: -10 ... +60 °C Medium: +60 °C maximum Storage: -10 ... +60 °C
Temperature effect:	Deviation from reference temperature (+20°C): ±0,04%/1K of the span
Accuracy class:	cl. 1.6
Degree of protection:	IP 65 per EN 60 529 / IEC 529
Individual Weight:	0.585 kg

Type	Part No.	Pressure Range	Connection	Option	Box/Master	Min.order
MG3B-INOX 100		-76-0 cm Hg	G1/2B		1/10	30
MG3B-INOX 100	PG509916LF	-1/0 bar/in Hg	G1/2B	D+LF*	1/10	1
MG3B-INOX 100		-1/0.6 bar	G1/2B		1/10	30
MG3B-INOX 100		-1+1.5 bar	G1/2B		1/10	30
MG3B-INOX 100		-1+3 bar	G1/2B		1/10	30
MG3B-INOX 100		-1+5 bar	G1/2B		1/10	30
MG3B-INOX 100		-1+9 bar	G1/2B		1/10	30
MG3B-INOX 100		-1+15 bar	G1/2B		1/10	30
MG3B-INOX 100	PG540116LF	0-1 bar/psi	G1/2B	D+LF*	1/10	1
MG3B-INOX 100	PG5402DL00	0-1.6 bar/psi	G1/2B	D*	1/10	30
MG3B-INOX 100	PG550316LF	0-2.5 bar/psi	G1/2B	D+LF*	1/10	1
MG3B-INOX 100	PG550416LF	0-4 bar/psi	G1/2B	D+LF*	1/10	1
MG3B-INOX 100	PG550616LF	0-6 bar/psi	G1/2B	D+LF*	1/10	1
MG3B-INOX 100	PG551016LF	0-10 bar/psi	G1/2B	D+LF*	1/10	1
MG3B-INOX 100	PG551216LF	0-12 bar/psi	G1/2B	D+LF*	1/10	1
MG3B-INOX 100	PG551816LF	0-16 bar/psi	G1/2B	D+LF*	1/10	1
MG3B-INOX 100	PG552016LF	0-20 bar/psi	G1/2B	D+LF*	1/10	1
MG3B-INOX 100	PG552516LF	0-25 bar/psi	G1/2B	D+LF*	1/10	1
MG3B-INOX 100	PG554016LF	0-40 bar/psi	G1/2B	D+LF*	1/10	1
MG3B-INOX 100	PG564416LF	0-60 bar/psi	G1/2B	D+LF*	1/10	1
MG3B-INOX 100	PG564816LF	0-100 bar/psi	G1/2B	D+LF*	1/10	1
MG3B-INOX 100	PG565416LF	0-160 bar/psi	G1/2B	D+LF*	1/10	1
MG3B-INOX 100	PG566016LF	0-250 bar/psi	G1/2B	D+LF*	1/10	1
MG3B-INOX 100	PG566216LF	0-315 bar/psi	G1/2B	D+LF*	1/10	1
MG3B-INOX 100	PG566616LF	0-400 bar/psi	G1/2B	D+LF*	1/10	1
MG3B-INOX 100	PG567016LF	0-600 bar/psi	G1/2B	D+LF*	1/10	1

* D = Dual scale bar/psi

LF = Fimet logo on the dial