ROCHESTER GAUGES INT.

CONTENT GAUGE

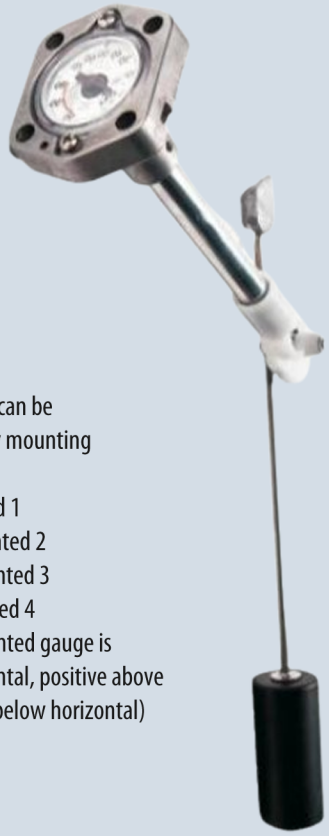
6200

Application

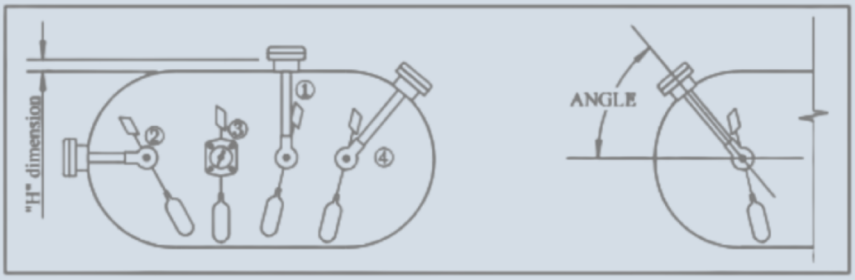
The 6200 series gauges are commonly employed to monitor the liquid levels in fuels, hydraulic fluids, lubricating oils, and liquefied gases like propane, butane, ammonia, and others. These gauges accommodate tank diameters as large as 2000mm and tank pressures reaching up to 25 bar. They feature a counterbalanced float designed for fluids with low specific gravity. Additionally, these gauges can be fitted with options such as a direct reading dial, twinsite, or a switch.

Standard Material of construction

-Head: Aluminum
-Gear housing: plastic
-Centershaft, support tube, float rod: aluminum
-Gears, cross stud, bearings: stainless steel
-Drive magnet: alnico, NdFeB grade 45 –Nickel plated finish
-Float: nitrile rubber
-Gasket: buna-n
-Counterweight: lead

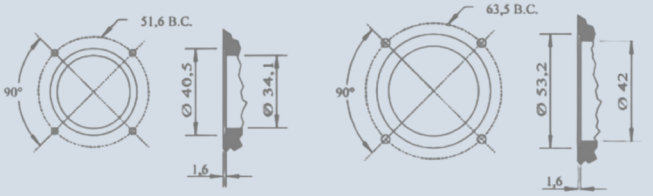


Mounting position



Gauges of serie 6200 can be manufactured for any mounting position.
Vertical :Top mounted 1
Horizontal :end mounted 2
Horizontal :Side mounted 3
Angle : angles mounted 4
(angle for angle mounted gauge is specified from horizontal, positive above horizontal, negative below horizontal)

Mounting



Junior: (4) screws ¼"-28*7/8" or M6/25 mm on 51.6 mm bolt circle.
Senior: (4) screws 5/16"-24*7/8" or M8/25 mm on 63.5 mm bolt circle.

Certification

Those gauges serie 6200 are in accordance with European Directive PED 97/23/CE and TPED 2010/35/EU for following liquefied gases :

Product	Temperature range	Pressure (bars)
Butane, propane, LPG	-40°C / +70°C	25
NH3		30
Refrigerant (except R12B1, R21, R22, R40, R40B1 & R114B2)		30
Mapp		18
DME		15

They have been certified by APRAGAZ, notified body 0029.

COMeT INTEGRATED SDN BHD 502054 - M

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ROCHESTER GAUGES INT.

CONTENT GAUGE

6300

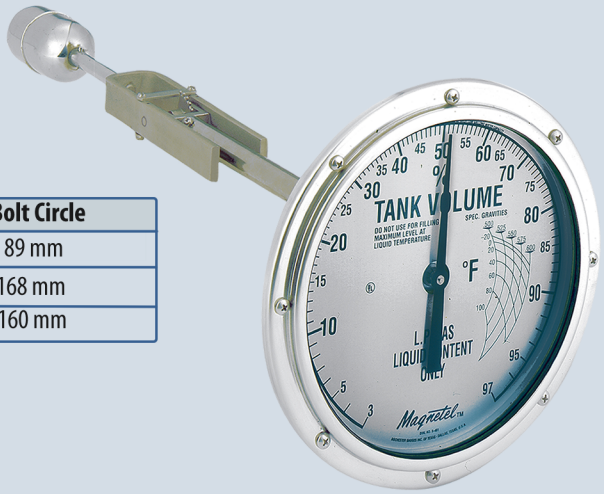
Application

The 6300 series Magnetel gauges are designed to measure the levels of various liquefied gases, including LPG, ammonia, petrochemicals, chemical liquids, refrigerants, and fuels. These gauges can be used on tanks up to 5000 mm in diameter and can handle pressures up to 25 bar, or up to 40 bar if the temperature ranges from -40 C to +250°C, with a stainless steel head.

Construction Material

The construction material is specified by a number (TRIM N°) which should be specified as a suffix to the model number.

TRIM	HEAD	SUPPORT CENTER SHAFT FLOAT ARM	COUNTER BALANCE	MAGNET	GEARS	GASKET	APPLICATION
00	Aluminium ASA-DIN	Stainless Steel	Zinc Platted Steel	AlNiCo	Stainless Steel	Not Supplied	LPG, Ammonia
08	Aluminium	Stainless Steel	Zinc Platted Steel	AlNiCo	Stainless Steel	BUNA N	LPG, Ammonia, Fuels, Oil
11	Stainless Steel	Stainless Steel	Zinc Platted Steel	AlNiCo	Stainless Steel	Teflon filled 304 SS spiral wound	Refrigerants, Chemicals, LPG, NH3, C02
12	Stainless Steel	Stainless Steel	Stainless Steel	AlNiCo Enclosed in 316 SS cup	Stainless Steel	Teflon filled 304 SS spiral wound	Petrochemicals, Chemicals,
16	Stainless Steel 316	Stainless Steel 316	Stainless Steel 316	AlNiCo Enclosed in 316 SS cup	Stainless Steel 316	Teflon	Petrochemicals, Chemicals, Crude Oil



Mounting

Head Type	Material	Material	Bolt Circle
Rochester Standard	Alu. OR S.S.	1/2"- 13UNC or M12	89 mm
ASA 300 Lbs R. F. 3"	Aluminium	M20 (*)	168 mm
DIN DN 80 PN 25	Aluminium	M16 (*)	160 mm

(*) Magnetel supplied with ASA or DIN Head are supplied without gasket and Mounting Studs/Nuts.

Model Number

Model Number	Mounting Position	Dial Size
6336- Trim N°	TOP (vertical)	100 mm (4")
6339- Trim N°	End/Side (horizontal or angle)	100 mm (4")
6342- Trim N°	End/Side (horizontal or angle)	200 mm (8")
6360- Trim N°	TOP (vertical)	200 mm (8")

Certification

Those gauges serie 6300 "Magnetel" have been certified by APRAGAZ, notified body 0029, under n☐ 02/BE/329 in accordance with European Directive PED 97/23/EC for :

LPG, ammonia for maximum pressure 25 bar and temperature -20° to +60°C

C02 for maximum pressure 40 bar and temperature -40° to +5° C

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