



# GAUGE SERIE 6300 "MAGNETEL"

## APPLICATION :

The 6300 series, Magnetel gauges are used to indicate level of liquefied gases such as LPG, Ammonia, etc., petrochemical and chemical liquids.

The Magnetel gauges are designed to be used on tanks with diameter up to 5000 mm and pressure up to 25 bar at temperature  $-20^{\circ}\text{C}$  to  $+65^{\circ}\text{C}$  (40 bar with Stainless Steel head).



## MATERIAL OF CONSTRUCTION :

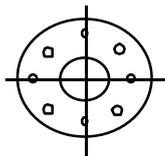
The material of construction is specified by a number (TRIM N°) which should be specified as a suffix to the model number.

TRIM	HEAD	Support Center shaft Float Arm	Counter balance	Magnet	Gears	Gasket	Application
8	Aluminium	Stainless Steel	Cadmium Platted Steel	AlNiCO	Stainless Steel	BUNA N	LPG Ammonia
9	Stainless Steel	Stainless Steel	Stainless Steel	AlNiCO	Stainless Steel	Teflon filled 304 SS spiral wound	Petrochemicals Chemicals
11	Stainless Steel	Stainless Steel	Cadmium Platted Steel	AlNiCO	Stainless Steel	Teflon filled 304 SS spiral wound	Petrochemicals Chemicals LPG, Ammonia
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

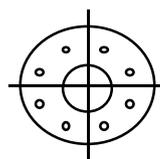
## MOUNTING :

(8)mounting studs, size regarding the type of head

Head type	Stud size	Bolt Ø
Alu Standard	½"-13UNC or M12	89mm
Stainless Steel	½"-13UNC or M12	89mm
ASA 300Lbs R.F.3"	M20	168mm
DIN 80 PN 25	M16	160mm



Centerline mount



Straddle mount

**Note:** When ordering a straddle mounted magnetel add suffix X to model number

Subject to change without notice

01/03

## ROCHESTER GAUGES INTERNATIONAL S.A.

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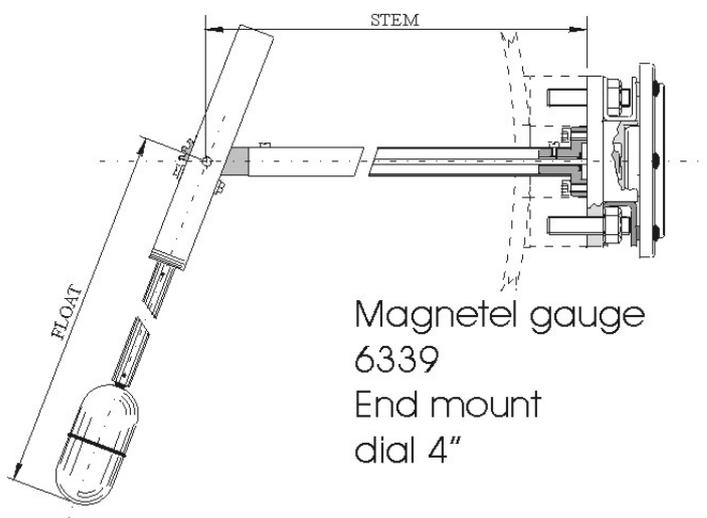
MODEL NUMBER :

MODEL NUMBER	MOUNTING POSITION	DIAL SIZE
6336- TRIM N°	TOP	100mm ( 4'' )
6339- TRIM N°	Horizontal or Angle	100mm ( 4'' )
6342- TRIM N°	Horizontal or Angle	200mm ( 8'' )
6360- TRIM N°	TOP	200mm ( 8'' )

ORDERING INFORMATION :

1° For horizontal cylindrical tank

- Model number
- Mounting position  
Top, side  
For angle mounting,  
tank drawing requested  
For end mounting,  
specify shape of tank  
dished end
- Tank outside and inside diameter
- Riser dimension (distance between gauge gasket and tank wall)
- Product to be gauged
- Working pressure and temperature
- Tank design pressure



2° For other type of tank

- Same information as in 1
- Tank drawing

CERTIFICATION :

Those gauges serie 6300 "Magnetel" are in accordance with European Directive PED 97/23/CE for

- LPG, ammonia for maximum pressure 25 bar and temperature  $-20^{\circ}$  to  $+60^{\circ}\text{C}$
- CO<sub>2</sub> for maximum pressure 40 bar and temperature  $-40^{\circ}$  to  $+5^{\circ}\text{C}$
- Others: on request after risk analysis.

They have been certified by APRAGAZ, notified body 0029, under n° 02/BE/329