



Application

The 6200 series gauges are widely used to indicate liquid levels of fuels, hydraulic fluids, lube oils, and liquefied gases such as propane, butane, ammonia etc...

The 6200 series gauges are used for tank diameters up to 2000mm and tank pressures up to 25 bar. Float is counterbalanced for low specific gravity fluids. The gauge can be equipped with a direct reading dial, twinsite or 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

Options

- Head : junior brass head: prefix B
- Float: nyctrophil float (3 bar max.press.) prefix C
- aluminum
- Stainless steel float prefix A
- Gear housing: aluminum
- Plastic or Metal cover for head

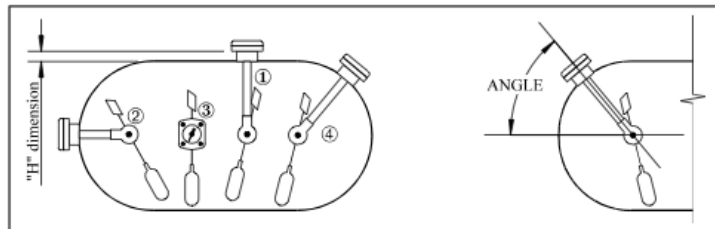


Gauge serie 6200

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)

Certification

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

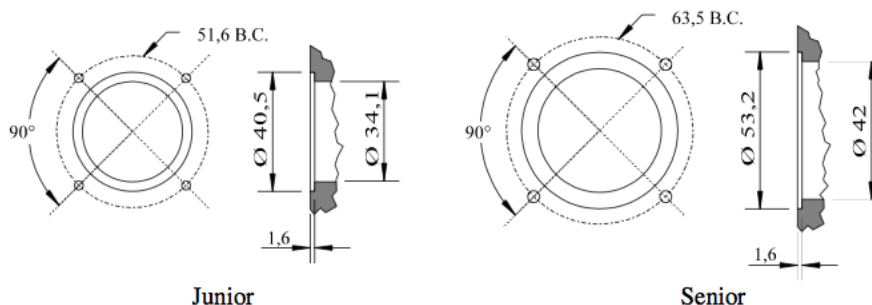
Product	Temperature range	Pressure
Butane, propane, LPG	-40°C / +70°C	25 Bars
NH3	-40°C / +70°C	30 Bars
Refrigerant (except R12B1, R21, R22, R40, R40B1 & R114B2)	-40°C / +70°C	30 Bars
Mapp	-40°C / +70°C	15 Bars
DME	-40°C / +70°C	18 Bars

They have been certified by APRAGAZ, notified body 0029.

Mounting

Junior: (4) screws 1/4"-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.



Model Number	Mounting	Gauge type	Dial type
6240	Top	Senior	Twinsite: refer to twinsite section for model available
6241	Top	Junior	
6243	Horiz. or angle	Senior	
6244	Horiz. or angle	Junior	
6250	Top	Senior	Switch: refer to switch section for model available
6251	Top	Junior	
6253	Horiz. or angle	Senior	
6254	Horiz. or angle	Junior	
6260	Top	Senior	Side reading
6280	Top	Senior	50 mm dial
6281	Top	Junior	40 mm dial
6283	Horiz. or angle	Senior	50 mm dial
6284	Horiz. or angle	Junior	40 mm dial
6290	Top	Senior	100 mm dial
6293	Horiz. or angle	Senior	100 mm dial (**)

(**) refer to dial section.

Ordering information

A. For cylindrical horizontal tanks, specify:

- gauge model number
- liquid to be gauged with its density, tank design pressure
- working pressure and temperature
- mounting position
- riser dimension (distance between gauge gasket seat and tank wall)
- outside and inside diameter
- shape of dished end for end mounting gauge
- tank drawing is required for gauge angle mounted on dished end of tank

B. For vertical cylindrical tanks, specify;

- same information as in A
- dimension of cylindrical part and dimension of dished ends
- position of gauge from bottom of tank for side mounted gauge; position of gauge from vertical centerline of tank for top mounted gauge
- total tank content
- portion of tank to be gauged

C. For non cylindrical tanks, specify:

- Same information as in A
- tank drawing