Magnetic Liquid-Level Gauges for Anhydrous Ammonia Service

General Information & Features

Junior Models

These Jun ior gaug es are supplied as standard with a #5323S01848 di rect-read ing percentage dial, a #0015-00855 Neo prene gasket and four #0040-00414 zinc-plated steel head bolts (1⁄4" - 28 x 7⁄8" long) for at tach ment to a flange with a 2 1⁄32" [51,5] bolt circle.

- **A6281** — For top mounting, in cludes standard mag net to drive di rect-read ing dials.
- **A6284** — For side, end or angle mounting, oth er wise the same as A6281.

Senior Models

These Senior gauges are supplied as standard with a #0015-00836 Neo prene gasket and four #0040- 00415 zinc-plated steel head bolts (5⁄16" - 24 x 7⁄8") for at tach ment to a flange with a 2 1⁄2" [63,5] bolt cir cle.

- **A6260** —For top mounting and side-reading dial.
- **A6280** —For top mounting.
- **A6283** —For side, end or an gle mount ing oth er wise same as the A6280.

Model A6260 Senior gauges are equipped with #5058S00617 side-reading percentage dials. Models A6280 and A6283 Senior gauges are equipped with #5002S00002 direct-reading percentage dials.

Rochester Sensors
Engineering Innovative Solutions™

General Specifications*

Temperature Range
Standard range is -40°F to 176°F, -40°C to 80°C with optional stainless steel mounting bolts which maybe required for temperatures below -20°F.

Accuracy
Accuracy depends upon proper gauge sizing and is typically ±5% of dial indication. Accuracy may be less due to variations in liquid temperature. Accuracy may be less for some tank shapes and sizes. Accuracy may be less near full and empty. Accuracy may be less if tank is not level. This gauge is not to be used for filling. All accuracy estimates are expressed as a percent of full scale.

Shock & Vibration
Suitable for mobile service applications.

Maximum Pressure
375 psi [25,8 Bar].

UL Listing
UL listed for NH3 service.

When ordering, specify:

1. Gauge head size, Junior or Senior.
2. Tank diameter as shown on nameplate.
3. Mounting location (top, side, end or angle).
4. If gauge is angle mounted, state degree of angle above or below the horizontal centerline.
5. If gauge is end mounted, state the shape of the tank head, hemispherical or semi-ellipsoidal.
6. The “H” dimension (distance in inches from the surface of the tank to the gasket surface on the riser).

To order replacement gauge, simply furnish the information stamped the side of the gauge head, as shown in the example.

Note: For installation instructions see MS-501/502 (mounting standard).

Materials of Construction*

Head & Gear Housing
Aluminum die casting.

Centershaft Bearings, Gear, Pinion, Cross Stud, Bearing, Float Bulb & Dial Screws
Stainless steel.

Support, Centershaft & Float Rod
Tempered aluminum.

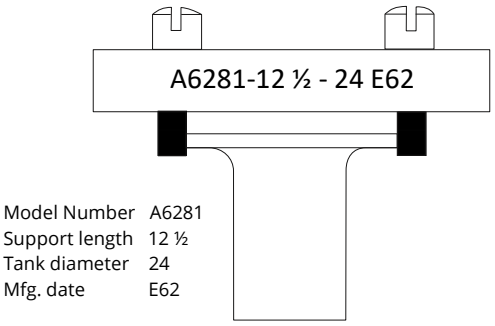
Counterweight
Lead.

Magnet
Alnico.

Gasket
Neoprene.

Mounting Bolts
Zinc-plated steel. (Stainless steel optional.)

Direct Reading Dials
Hermetically sealed polycarbonate.



Note: Gauge head may also be stamped with model and unique suffix number.

CAUTION: For applications where NH3 may include small amounts of water or chemical additives, see model A6480 with improved corrosion resistance.

WARNING:
Acrylonitrile, BPA
Cancer and Reproductive Harm
www.P65Warnings.ca.gov