

## A-713 1" Angle Valve for Chlorine Service

### Corrosion-resistant angle valves provide reliable long life in chlorine-transportation applications

Why is Midland the leading provider of chlorine valves for rail tank cars?

Simply because we are committed to providing the safest, most dependable and user-friendly valves for the chlorine rail-transport industry.

Midland A-713 Angle Valves are soft-seated plug-style valves that have been designed to provide bubble-tight sealing and long service life. Available with Monel® body and Hastelloy C components, A-713 valves are built to last and constructed with the lowest number of potential leak paths in the industry.

The unique seat design permits self-draining, reducing the concern of product becoming trapped in the body after closing the valve. Self-centering valve seats provide long life and positive shutoff, along with lower operating torques.

The valve-stem packing is "live-loaded" to provide constant leak stopping force on the packing rings. This feature also compensates for packing wear, thermal expansion and the contraction of the packing when flashing occurs during the unloading process.

The A-713 valve is the industry's easiest to service - even when installed on railcars. The adjustable stem packing provides service technicians with the opportunity to close one of the few potential leak paths at the point where the leak is identified. The A-713 Angle Valve is also equipped with an outlet port that can be easily replaced without having to remove the valve from the tank car. Other remaining leak paths can often be eliminated with a turn of a wrench.



Midland is a participating member of the Chlorine Institute, which is committed to helping provide solutions for the safe distribution of hazardous commodities by rail.

### Features & Benefits

- Corrosion-resistant materials provide maximum protection from wet chlorine
- Proven track record in chlorine and AHCL applications
- Soft-seated design provides bubble-tight shutoff
- Lowest number of potential leak paths in the industry
- Robust seal designs on all potential leak paths
- Live-loaded valve stem provides constant load on packing rings
- Compatible with both the Midland B-240 ERK Kit and the Chlorine Institute C-Kit

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