



# SAC-1™ SPHERICAL ARTICULATED COUPLING

Designed and built for today's competitive transportation market, the SAC-1™ coupling system offers a slack-free connection over articulated bogies. It eliminates the need to stop cars for lubrication as well as for side bearing height adjustments. The SAC-1™ delivers substantial weight savings, improved car handling, and reduced operating costs.

- Patented self-lubricating liner and precision-machined spherical ball assembly (maintenance-free)
- Positive slack-free connection
- Minimizes side bearing height adjustments
- Minimal-to-no centerplate wear, as compared to the competition
- 14" and 16" centerplates, available for use on AAR 70, 100, 125-ton applications
- Vertical travel:  $\pm 11^\circ$  (eliminates uncoupling and recoupling during wheelset changeouts and maintenance)
- Horizontal travel:  $\pm 22^\circ$
- Roll:  $\pm 13^\circ$
- Tested and proven to 1.25 million lbs. buff force and 630,000 lbs. of draft force
- Average weight: 540 kg per coupling

*Regions sold: approved (AAR) for service for USA, Canada, and Mexico; revised design used in other countries, including Australia, Brazil, China, and Russian Federation*

## CONTACT

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