

## Vertical Wheel Hand Brake

Our robust design provides increased brake life, reducing rail car life-cycle costs.

The NYAB vertical wheel hand brake product line includes sustained, continuous release AAR S-475 compliant Prolong Release Hand Brake Groups Q and R — as well as the AAR approved and qualified Groups N and O.

Quick release levers are available in short or long handle versions, providing versatility for unobstructed access. The long handle requires less pulling force to activate complete release.

Pinion gear and quick-release mechanisms are hardened to provide improved wear resistance. A shelf-type winding drum protects the chain from bending, twisting or overlap and provides quick chain take-up as well as smooth gradual release of the hand brake with the wheel.

The NYAB / Klasing hand brake incorporates permanently lubricated sealed ball bearings supporting the hand wheel shaft to improve vibration characteristics and to eliminate premature wear.



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