

## PRODUCT BULLETIN

### Freight

#### Prolong Release Hand Brakes

NYAB's Prolong Release Hand Brake provides sustained, continuous release of braking force and extends wheel life by ensuring that no residual chain force remains in the hand brake. A hand brake that stays released helps reduce flat spots caused by dragging wheels. Our robust design also increases brake longevity, reducing railcar life-cycle costs.



Group "Q"  
Conventional



Group "R"  
Intermediate

#### Key Additional Hand Brake Features

- **Quick release handle** engages continuous chain release when lifted.
- **With no need to hold the quick release handle as the chain unwinds**, our hand brakes require less time to fully release.
- **Forged pawl** ensures a robust, secure release mechanism.
- **Shelf-style winding drum** assures twist-free, continuous chain release.
- **Turning the hand wheel clockwise** disengages the prolong feature and stops chain release.
- **Group "Q" / "R" stamps on housings** differentiate prolonged release hand brakes from similar Group "N" / "O" vertical wheel hand brakes.
- **Unique plate, paint and e-coat formula** increases corrosion resistance of internal components.
- **AAR S-475 Group "Q" and Group "R"** compliant

#### Engineered to Outperform (E<sub>2</sub>O) quality, superior service, competitive prices –

NYAB's products deliver durability and reduce costs. For more information on product benefits, visit [www.nyab.com](http://www.nyab.com) or contact Vince Moore, Product Line Manager, at **315-786-5271**.

**E<sub>2</sub>O** Engineered to Outperform

**NEW YORK AIR BRAKE**

