



MARK 90AT

DRAFT GEAR

AAR M901E Friction Draft Gear

Unconditionally Approved - 03/18/24

The Lightest, Most Reliable Solution for Standard Application Railcars

Wabtec is proud to add the Mark 90AT to its portfolio of friction draft gears. The gear assembly consists of a housing, forged hardened alloy steel clutch components, and a patented high-capacity elastomer spring pack. Its lightweight construction, superior energy management, and proven reliability make the Mark 90AT an ideal solution for standard application railcars.

PRODUCT FEATURES

- Patented high-capacity elastomer spring pack optimizes energy management throughout buff and draft events
- Forged hardened alloy steel clutch components
- Lightweight, but durable; complete assembly weighs 265 lbs. (lightest on the market)
- Quick, easy installation and maintenance
- AAR M901E, Group J, Rule 21
- Compatible with E and F type coupling systems



KEY CUSTOMER BENEFITS

- Effectively reduces wear and damage to railcar equipment
- Lightweight design and quick installation decrease operating costs
- Proven reliable with 8+ years of service and individual component testing beyond AAR requirements
- Adaptability – interchangeable with all M901E type draft gears
- Self contained & precompressed for each application to cars



ADDITIONAL FEATURES AND BENEFITS OF USE:

- Remaining gear life can be measured in or out of the car
- Can be reconditioned for continued service
- Dedicated Wabtec Field Service team



PRODUCT SPECIFICATIONS

AAR Specification & Group	M901E, Group J, Rule 21
AAR Nominal Travel	3-1/4"
AAR Rated Capacity	46,265 ft-lbs.
AAR Rated Travel	3.16"
AAR Max Capacity	48,841 ft-lbs.
AAR Max Travel	3.22"
AAR 1-5/16" Capacity	13,118 ft-lbs.
Recoil (% of Original Capacity)	20%
Complete Gear Assembly Weight	265 lbs.

CONTACT

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