

SL-76

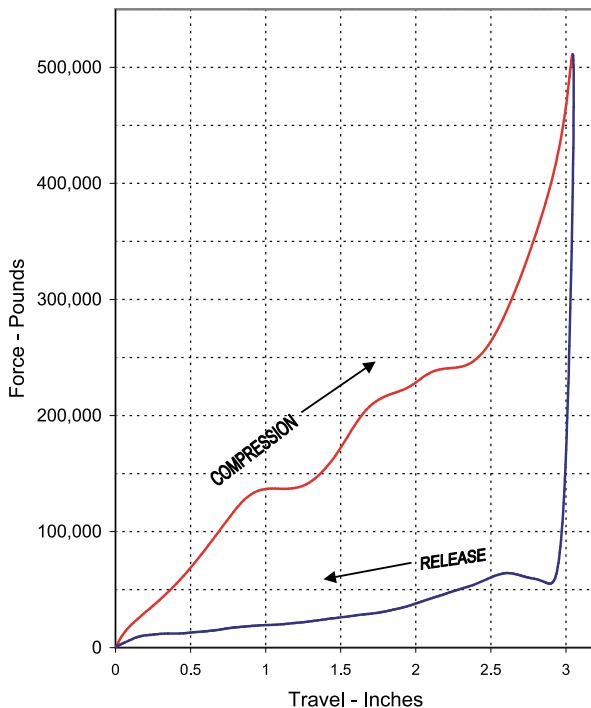
Draft Gear

The SL-76 draft gear is specially designed to meet the most severe requirements of today's railcars. It is an excellent gear for all cars, up to and including 286,000 lbs. gross rail load. Sized for 24-5/8" standard pockets, the SL-76 is approved in accordance with AAR specification M-901E at an official capacity of 47,820 ft. lbs. Miner's service proven friction clutch mechanism and natural rubber spring package are utilized to provide extra heavy-duty car protection and less operating slack. As a result, cars equipped with the SL-76 draft gear will benefit from reduced wear to sill walls and all draft system components.



SL-76 Performance Curve

Typical Drop Hammer Performance Graph



FEATURES

Official rating travel – inches	3.05
Official capacity – foot pounds	47,820
Reaction force at rating travel – lbs.	511,000
Maximum travel – inches	3.15
Capacity at maximum travel – foot pounds	53,900
Gear Weight – lbs.	314



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SL-76 Draft Gear Quality Components



Design Features:

- 1) *Optimized housing friction bore and shoe geometry maintain efficient cushioning capacity and long service life*
- 2) *Single piece housing for maximum strength and durability*
- 3) *Ultra-high capacity natural rubber spring package*
- 4) *Heat treated steel components throughout for increased strength and long service life*

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