



ITT

Koni
Enidine

TOW BAR SNUBBER SERIES SHOCK ABSORBERS



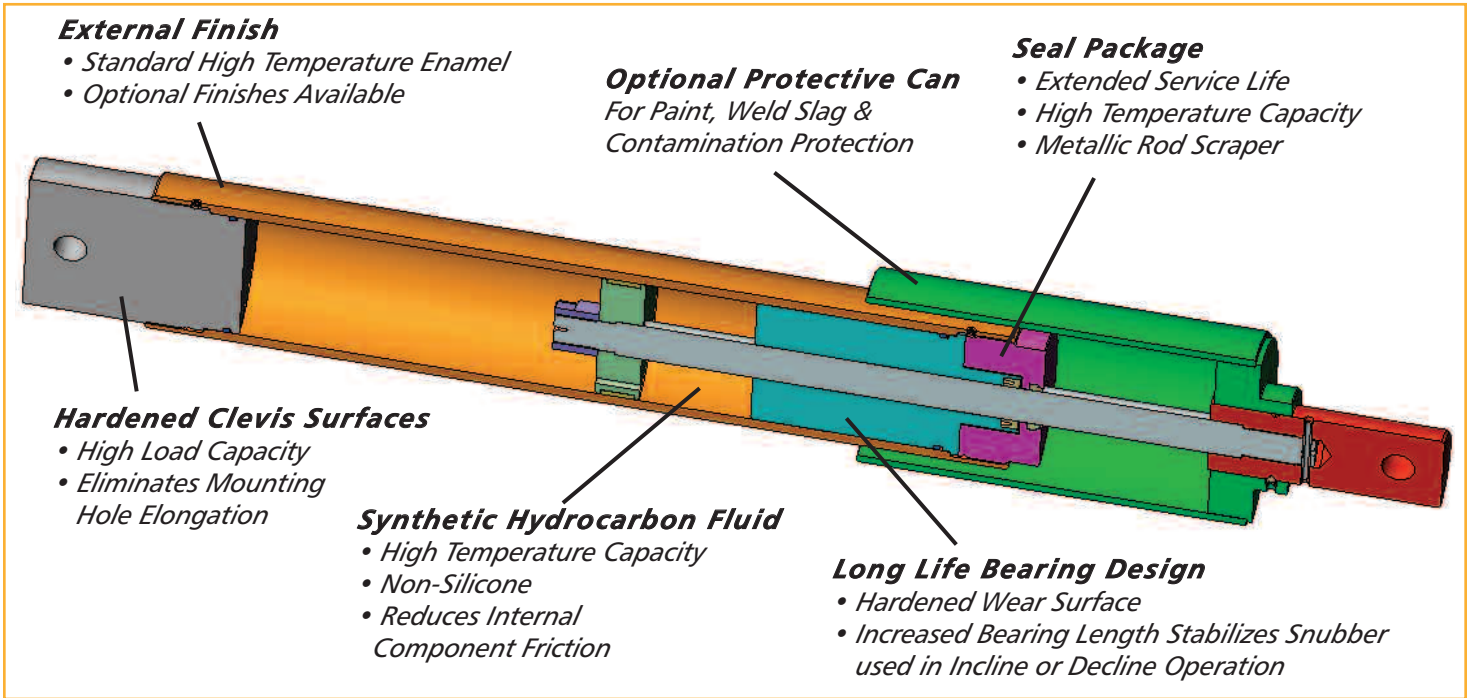
Enidine Hydraulic Tow Bar Snubbers manage the acceleration and deceleration (start/stop) of material handling systems by minimizing the shock forces transmitted to the structural components of the system. Service life of inverted/overhead power and free conveyors is increased by reducing the transmitted shock force encountered in the every day operation of the production line.

Features and Benefits

- Protects payload from damaging high-load stress and shock.
- Promotes long life for modular/flexible automation equipment.
- On-site operational/maintenance training available.
- Stroke lengths of 4 and 6 inches available.
- Lifetime warranty on parts and materials (material/workmanship).
- Reduces maintenance costs associated with downtime and premature component wear.
- Conveyor Speeds of up to 120 ft./min. (540 m/min.).
- Loading Capacity of up to 10,000 lbs. (44 400 N).
- Temperatures of up to 350°F (162°C).

Engineered for life

ENIDINE



Enidine Tow Bar Snubbers reduce wear and downtime by absorbing high shock forces potentially transmitted into the moving carriage and its payload. These devices directly reduce maintenance costs associated with downtime and premature component wear.

Example:

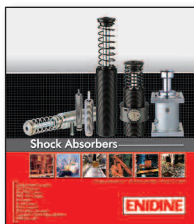
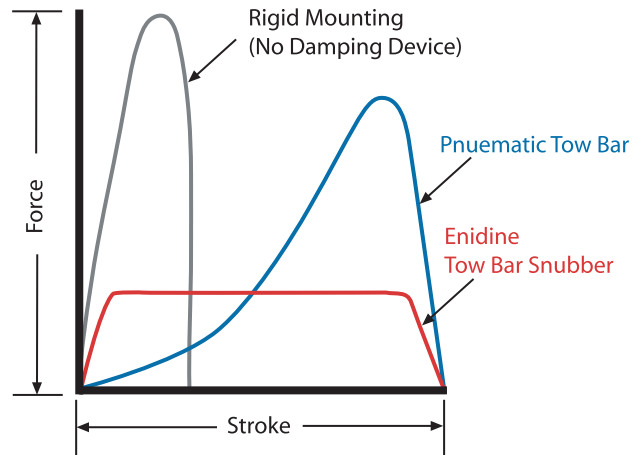
- Carriage Weight = 5,000 lbs. (2 270 Kg)
- Velocity of Carriage = 60 Ft./min. (18 m/min.)
- Snubber Stroke = 6 inches. (.15 m)

Reaction Force

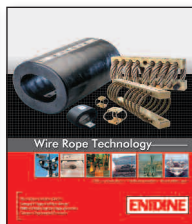
Transmitted to Structure = 222 lbs. (985 N)

Without Enidine

Tow Bar Snubber = 3,730 lbs. (16 560 N)



Shock Absorbers



Wire Rope Technology



Air Springs

Other Enidine Solutions in Energy Absorption and Vibration Isolation.

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