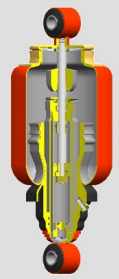
Hydraulic Shock Absorber

This hydraulic shock absorber is designed to dampen motion in vehicle suspension systems. It uses a piston moving through hydraulic fluid to create resistance, controlling compression and rebound.



Product Overview

High-Performance Hydraulic Damping

This hydraulic shock absorber is engineered for precise motion control and superior suspension performance. By forcing hydraulic fluid through internal valves and orifices as the piston moves, it effectively dampens motion during both compression and rebound cycles. Its robust design ensures a smooth, controlled ride, making it an essential component for heavy-duty vehicle stability and comfort.

Technical Details

Core Components

- Cylindrical outer body
- Internal hydraulic fluid
- Moving piston assembly
- Hardened steel rod
- Flow-control valves and orifices
- Mounting bushings

Damping Characteristics	Fluid-based resistance, Compression control, Rebound control

Installation

Mounting Method	Integrated frame and suspension mounts via bushings