

# Hydraulic Power Steering Rack

This hydraulic power steering rack provides assisted steering for enhanced vehicle maneuverability. It converts rotational motion from the steering wheel into linear motion to move the wheels, using pressurized fluid to amplify the driver's input.



## ADDITIONAL IMAGES



## Product Overview

### Hydraulic Power Steering Rack

This hydraulic power steering rack is a critical automotive component designed to convert steering wheel rotation into precise linear motion. Engineered for smooth and responsive handling, the system utilizes pressurized hydraulic fluid to amplify driver input, significantly reducing steering effort. Each unit features durable construction with protective boots to shield internal mechanisms from contaminants, ensuring long-term reliability and performance.

## Manufacturing & Capacity

|                            |                 |
|----------------------------|-----------------|
| Annual Production Capacity | 200000 pcs/year |
| Available Varieties        | 200             |

## Technical Features

### Key Features

- Precision-engineered components
- Protective rubber boots (bellows) included
- Sealed hydraulic ports for contamination prevention
- Durable metallic body construction

|             |   |
|-------------|---|
| System Type | Hydraulic Power Steering, EPS Mechanical Steering |
|-------------|---|

## Quality & Standards

### Production Equipment

- Numerical control systems
- Advanced CNC machinery
- Professional experimental testing equipment