

Recirculating Ball Power Steering Gear

This power steering gear utilizes a recirculating ball mechanism for smooth and efficient power transfer. It enhances steering control and responsiveness, making it suitable for heavy-duty steering applications.



ADDITIONAL IMAGES

Basic Info			
Model No.	EMK120LA01	Transport Package	Each in Craft Paper Carton
Materials	Stainless Steel	Production Capacity	300000 Sets/Year
Type	Steering Gear/Shaft	Port	Wuhan
MOQ	500 Sets	Origin	Hubei
Customized	Yes	Trademark	Tri-Ring



Overview

Robust Steering Performance

This recirculating ball-type power steering gear is precision-engineered for heavy-duty trucks and buses with 7-9 ton front axles. Designed to provide enhanced steering responsiveness and control, it reduces driver fatigue and ensures reliable maneuverability. The unit features a durable housing and a smooth ball screw mechanism, making it a high-performance solution for demanding automotive environments.

Technical Specifications

Performance Metrics

8000 Nm Max Output Torque	143 Bar Pressure	120 mm Cylinder Bore	6.3 Total Turns
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Mechanical Details

Feature	Specification
Gear Ratio	20.7-24.5
Output Swing Angle	±50°
Unloading Angle	30°- 47.5°
Input Spline	1*79 teeth
Output Teeth	2 5/32"

Operating Environment

Operating Temperature	-40 to 140°C
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Commercial Info

Order Information

- Minimum Order Quantity: 500 sets
- Annual Production Capacity: 1,000,000 sets
- Customization: Available
- Packaging: Craft paper carton

Compatibility

7-9 Ton Front-Axle, Trucks, Buses, ZF8098 Interchangeable