

Automotive Air Conditioning Compressor

High-performance automotive air conditioning compressors designed for efficient cooling. These compressors feature durable construction, precise engineering, and reliable operation.



Product Overview

High-Efficiency Automotive AC Compressor

This advanced automotive air conditioning compressor utilizes a patented rotating swash plate structure to deliver superior reliability and control. By employing stepless displacement technology, the unit eliminates the frequent on-off cycling found in traditional systems, resulting in a 25% reduction in power consumption and improved fuel economy. Engineered for passenger comfort, the system provides smooth temperature regulation and high-performance dehumidification even in low-temperature conditions.

Technical Performance

Performance Metrics

25 %

Power Consumption Reduction

4 °C

Minimum Operating Temperature

Maximum Operating Speed

9200 r/min

Key Features

Engineering Highlights

- Stepless displacement change technology
- Patented rotating swash plate structure
- Elimination of clutch on-off vibration
- Enhanced dehumidification capability
- Reduced noise profile

Certifications & Quality

Quality Assurance

OEM Compliant, Rigorous Testing, High Durability