

Excavator Central Rotary Joint

This central rotary joint is designed for use in the hydraulic systems of 0.8-40T excavators, truck-mounted cranes, and other machinery. It facilitates continuous rotation while maintaining uninterrupted hydraulic fluid transfer to the boom, arm, and bucket cylinders.



Product Overview

Precision Hydraulic Performance

The hydraulic central rotary joint is a critical component designed to facilitate continuous 360° rotation in excavators, cranes, and graders. By connecting hydraulic and pneumatic pipelines between fixed and rotating parts, it ensures uninterrupted fluid transfer to boom, arm, and bucket functions. Engineered for durability and leak-free performance, this joint is built to withstand demanding conditions while maintaining optimal hydraulic efficiency.

Technical Specifications

Key Design Features

- Multi-channel fluid transfer
- Unique body seal processing
- High-strength material construction
- Leak-free engineering

Application Range	Excavators, Cranes, Graders, Tower Cranes
Supported Tonnage	0.8T - 40T
Rotation	360° continuous

Performance Metrics

Manufacturing Experience

20 Years

Years of Experience

10 Years

Rotary Joint Specialization