

# Hydrostatic Rotary Actuator

This hydrostatic rotary actuator features hydrostatic bearings and a design free from sliding friction, eliminating the stick-slip effect. The actuator sustains high lateral loads and maintains constant alignment, offering exceptional control and stability.



## Overview

### High-Precision Hydrostatic Rotary Actuator

This hydrostatic bearing actuator is engineered without sealing gaskets, utilizing a specially designed hydrostatic bearing unit for automatic piston rod regulation. By maintaining a pressurized oil film between all sliding surfaces, it ensures constant alignment and eliminates friction and wear, even under lateral forces. This design is specifically optimized for testing tasks where high accuracy of control and measurement are essential.

## Technical Features

### Key Performance Benefits

- Elimination of friction and wear
- Maintained oil film during operation
- High accuracy control and measurement
- Automatic piston rod centering

### Bearing Technology

Hydrostatic Bearing, Zero Sealing Gaskets, Self-Regulating Alignment, Oil Film Lubrication

## Model Identification

### Available Model Numbers

21000-002 • 21006-00