

# Self-Locking High Temperature Hydraulic Cylinder with Valve

Mechanical self-locking type high temperature cylinder includes a valve. It is designed for use in machinery and equipment requiring linear motion and force exertion.



## Product Overview

### High-Performance Industrial Hydraulic Cylinder

This self-locking hydraulic cylinder is engineered for demanding heavy-duty industrial applications requiring precise linear motion and force exertion. Built with a robust cylinder barrel and a precision-machined piston, it ensures reliable operation and an extended service life. The integrated high-strength tie rods provide structural integrity, while the design minimizes friction for smooth, efficient performance across various machinery configurations.

## Technical Specifications

|                       |   |
|-----------------------|---|
| Cylinder Type         | Self-Locking Hydraulic Cylinder with Valve                            |
| Suitable Applications | Heavy-duty machinery, Linear motion systems, Force exertion equipment |

## Construction & Design

### Design Features

- Robust cylinder barrel
- Precision-machined piston
- High-strength tie rods
- Integrated valve system

## Performance

### Key Performance Indicators

**1 Minimal**  
Friction Level