

# Hydraulic Rotary Actuator

This hydraulic rotary actuator is designed for supply pressures up to 200 bar. The actuator delivers thrust output up to 25000 N and is suitable for standard operating temperatures from -20°C to +80°C.



## ADDITIONAL IMAGES



## Overview

### Industrial Hydraulic Rotary Actuator

The VSF series hydraulic rotary actuator is a robust, carbon steel-fabricated solution designed for high-performance industrial valve operation. Available in single and double-acting configurations, it offers exceptional reliability with a design pressure capacity of up to 200 bar. With integrated safety features, high-grade stainless steel components for corrosion resistance, and manual override facilities, it is engineered for demanding automated flow control applications.

## Performance Metrics

### Key Performance Metrics

**200 bar**

Max Design Supply Pressure

**25000 N**

Max Thrust Output

**71753 N**

Max Spring Thrust

## Operational Conditions

Operating Temperature Range

-20°C to +80°C (Special low temp variant to -40°C available)

## Technical Standards

Regulatory & Design Standards

ASME VIII div.1, EN 13445, ASTM A 320 L7, ASTM B633 FeZn 12

## Construction & Materials

### Materials of Construction

Component	Material
Main Structure	Carbon Steel
Piston Rod	17.4 PH Stainless Steel
Tie Rods	ASTM A 320 L7 Alloy Steel
Seals	Dynamic floating O-ring