

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