

Hydraulic Rotary Actuator

This hydraulic rotary actuator is designed for supply pressure up to 200 bar. The actuator delivers thrust output up to 25000 N.



ADDITIONAL IMAGES



Overview

Industrial Hydraulic Rotary Actuator

The VSF series hydraulic actuator offers robust performance through a scotch yoke mechanism, designed for high-pressure industrial valve control applications. Built entirely from carbon steel, this actuator supports supply pressures up to 200 bar and features an interchangeable component design for ease of maintenance. With integrated manual override, visual position indicators, and corrosion-resistant stainless steel piston rods, it ensures reliable operation in demanding environments.

Performance Metrics

Key Performance Metrics

200 bar

Max Design Pressure

25000 N

Actuator Thrust

71753 N

Spring Thrust

Operating Conditions

Temperature Range

-20°C to +80°C (Standard), down to -40°C (Optional)

Technical Construction

Materials Used

Carbon Steel, 17.4 PH Stainless Steel, ASTM A 320 L7 Alloy Steel

Standards & Compliance

Design Compliance

- ASME VIII div.1
- EN 13445
- ASTM B633 FeZn 12

Features

Key Features

Manual Override • Visual Position Indicator • Floating O-ring Seals • Corrosion Resistant