

BLOW OUT PREVENTION EXPERTISE - BY DESIGN

ROTARY HYDRAULIC ACTUATOR

Our patented **Rotary hydraulic Actuators** are designed to operate our Drill Stem safety Valves (DSSV) for mud saving operations, but additionally can be sized to provide enough torque to function our valves under maximum bore pressures in case of emergency. Using hydraulic racks and pinions, we can provide high torque, compact, rugged actuation solutions for top drive manufacturers.

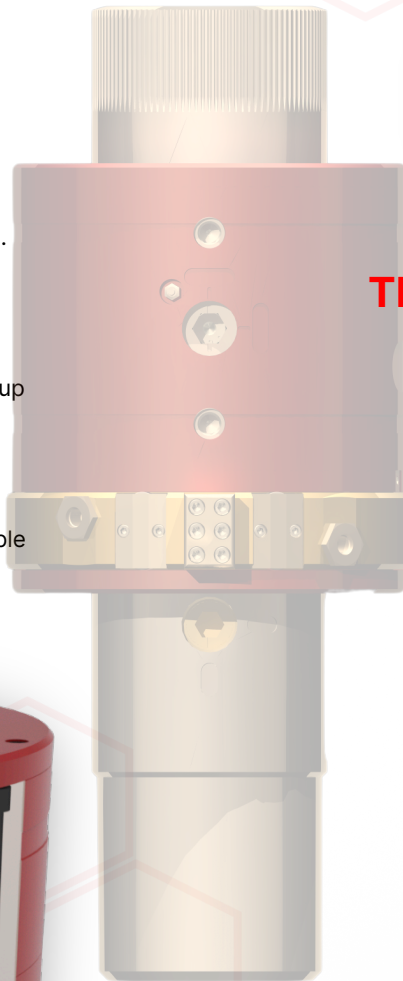
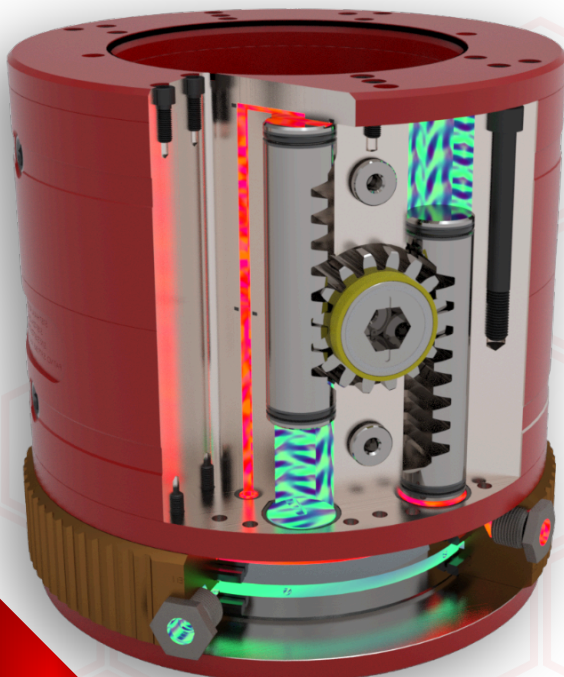
DESIGN FEATURES:

- Low maintenance, bearing-supported hydraulic systems can accept non-rotating hydraulic lines.
- Hydraulic pressure is not required to maintain position.
- Compact, low-profile design.
- High-torque hydraulic rack-and-pinion configuration can be sized to operate the valve up to maximum bore pressure if required.
- Rugged exterior mounting system allows the actuator to be stripped from the valve in either direction.
- Available Configurations varying in size, adaptable to a wide variety of DSSVs
- Reliable, field-proven, serviceable design.

TECHNICAL SPECIFICATIONS:

- Max Hydraulic Pressure: Up to **2,000 psi**
- Torque Output: **660 lb-ft to 6000 lb-ft**
- Temperature Rating: **-40°F to 250°F (-40°C to 121°C)**
- ID ranging from **5.38" to 10.02"**
- OD ranging from **10.13 to 17.63"**
- Weight ranging from **151 lbs to 650 lbs**

ACTUATOR SERVICE & REPAIR KITS AVAILABLE



For specific model details or advanced custom requirements,
contact our team at hke@hikalibre.com