

BAL SEAL® SPRING-ENERGIZED SEALS

Withstanding high eccentricities and angular misalignment, Bal Seal® spring-energized seals maintain the constant sealing force necessary for long life and maximum sealing ability, which results in low seal wear. Their unique Bal Spring® canted coil spring overcomes minor tolerance variations and eccentricities while maintaining relatively constant force throughout the seal life.

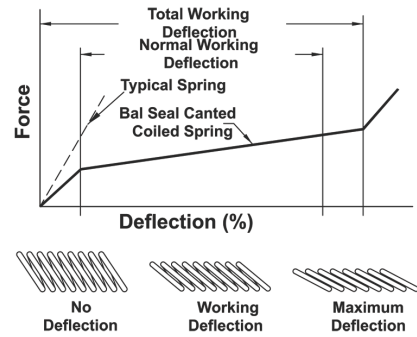
The large working deflection range and the constant force created by the spring make our seals an ideal choice for rotary, reciprocating, and static service.

Features

- Locking ring retention
- Canted coil spring energizers
- Reduced lip length for optimum sealing loads
- More seal interference and multiple grooves on the ID and OD lips

Benefits

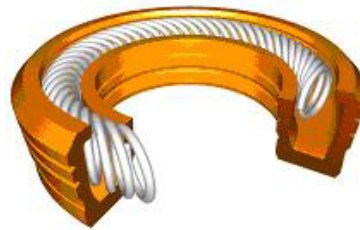
- Energized seals provide positive, constant-sealing force
- Unique locking ring designs securely retain seals through temperature cycling and pressure environments.
- Grooves provide multiple scrapers for maximum sealing in reciprocating service
- Seals are easy to install



SEALS WITH BAL SPRING® CANTED COIL SPRING ENERGIZERS

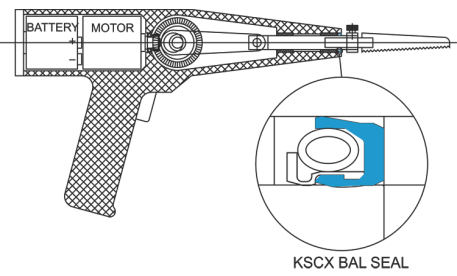
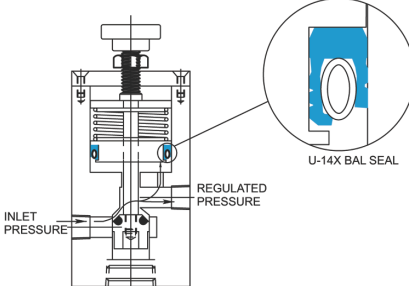
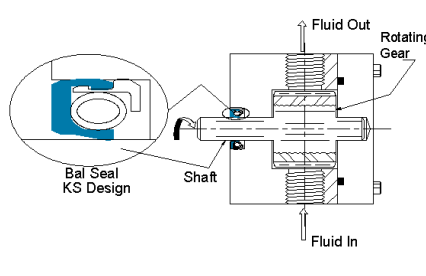


KS Rotary Bal Seal®



13X Reciprocating Bal Seal®

TYPICAL APPLICATIONS

RECIPROCATING SURGICAL SAW	GAS REGULATOR	ROTARY GEAR PUMP
 <p>BATTERY MOTOR</p> <p>KSCX BAL SEAL</p>	 <p>INLET PRESSURE</p> <p>REGULATED PRESSURE</p> <p>U-14X BAL SEAL</p>	 <p>Fluid Out</p> <p>Rotating Gear</p> <p>Bal Seal KS Design</p> <p>Shaft</p> <p>Fluid In</p>

For more information and technical assistance, contact a technical sales representative.

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Bal Seal Engineering, Inc. is certified to ISO 9001 | www.balseal.com