

BAL SEAL® SEALS

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

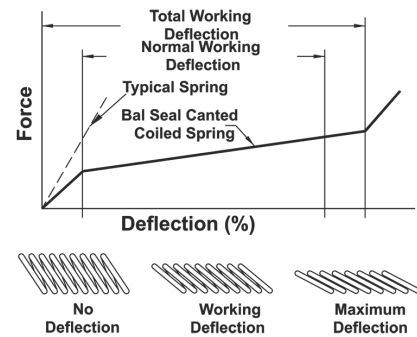
The large working deflection range and the constant force created by the patented canted-coil spring make Bal Seals the choice for rotary service. They are also used in reciprocating and static services.

Features

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

Benefits

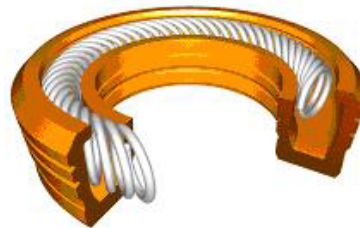
- Energized seals provide positive, constant-sealing force.
- Unique locking ring designs securely retain seals through temperature cycling and pressure environments.
- Grooves provide multiple scrapers for maximum sealing in reciprocating service.
- Seals are easy to install.



SEALS WITH CANTED-COIL SPRING ENERGIZERS

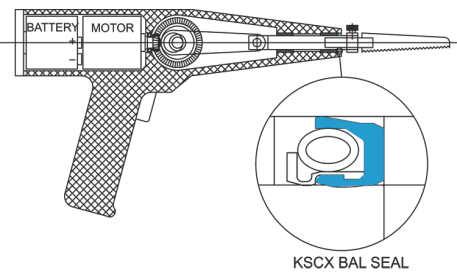
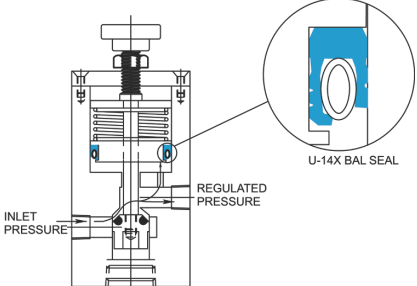
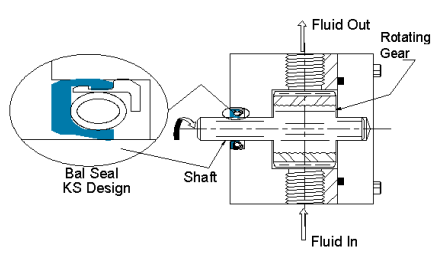


KS Rotary BAL Seal



13X Reciprocating BAL Seal

TYPICAL APPLICATIONS

RECIPROCATING SURGICAL SAW	GAS REGULATOR	ROTARY GEAR PUMP
 KSCX BAL SEAL	 U-14X BAL SEAL	 Bal Seal KS Design

For more information and technical assistance, consult the Bal Seal Technical Sales Department.

This document contains information PROPRIETARY to Bal Seal Engineering and may not be used, reproduced, copied, published, distributed in any form, or disclosed to a third party, in whole or in part, without the written authorization of an officer of Bal Seal Engineering Company. © 2009 Bal Seal Engineering Co.

U.S. Address: 19650 Pauling Foothill Ranch, CA 92610-2610 • Telephone: (949) 460-2100 • Fax: (949) 460-2300
 BV Address: Jollemanhof 16, • 1019 GW Amsterdam • The Netherlands • Telephone: 31 20 638 65 23 • Fax: 31 20 625 60 18

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