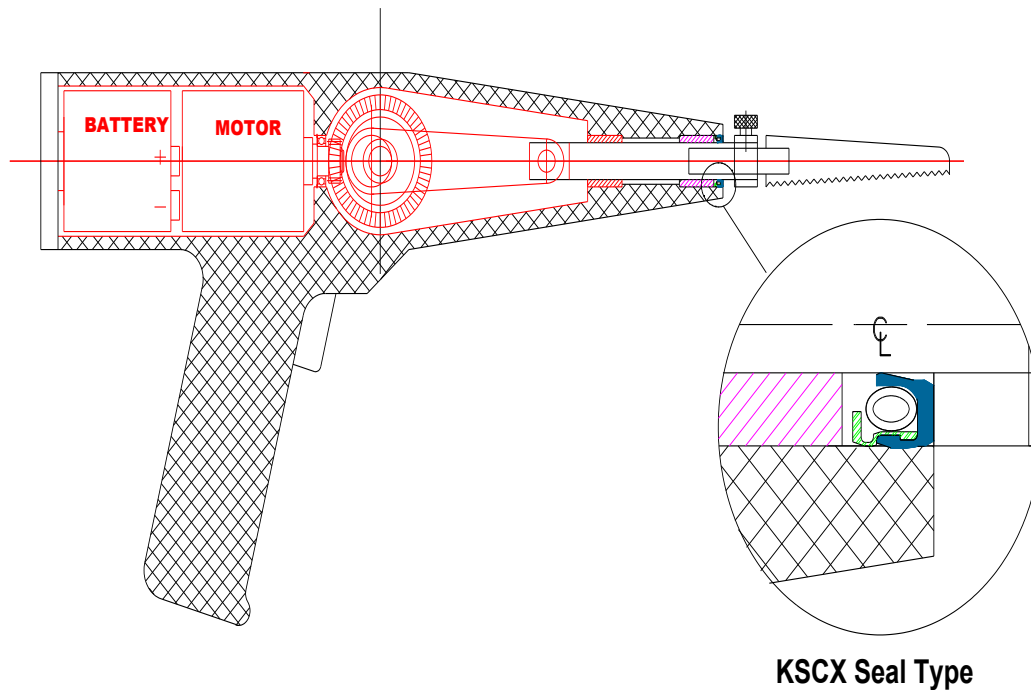


BAL SEAL® SEALS IN RECIPROCATING SURGICAL SAWS

Surgical saws must be reusable after sterilization, and free from mechanical defects. The Bal Seal® seals protect the reciprocating shaft from surgical environments and autoclaving temperatures at a continuous 275°F (135 °C) or an intermittent 350°F (177 °C). The seal maintains the bearing grease. Seal friction must be low to allow the drive mechanism to operate freely.



Operating Parameters

Pressure:	Atmospheric to autoclaved 30 psi (2 kg/cm ²)
Speed:	60 cpm
Temperature:	70 °F to autoclaved 275 °F (21 °C to 135 °C)
Media:	Bone, tissue, bearing grease, and sterilization fluids
Additional:	Low friction and autoclavable

Seal Selection: KSCX

Features:

- Bal Seal series KSCX selected for its excellent press-in metal locking ring retention system
- Excellent sealing performance through autoclave sterilization cycles
- Bearing grease kept from weeping out into the environment, and environmental contamination kept out
- Low-friction seal design minimizes heat buildup and power losses
- Patented, canted coil spring energizer provides near-constant force for long seal life
- Filled PTFE seal materials operate unlubricated and are FDA-compatible

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

PATENTS: The items described in this page include products that are the subject of issued United States and foreign patents or products where patents are pending, including the following: Patents 6,641,141 B2; 7,210,398 B2; 6,161,838; 5,992,856; 5,134,244

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