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/cm²)
- **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.