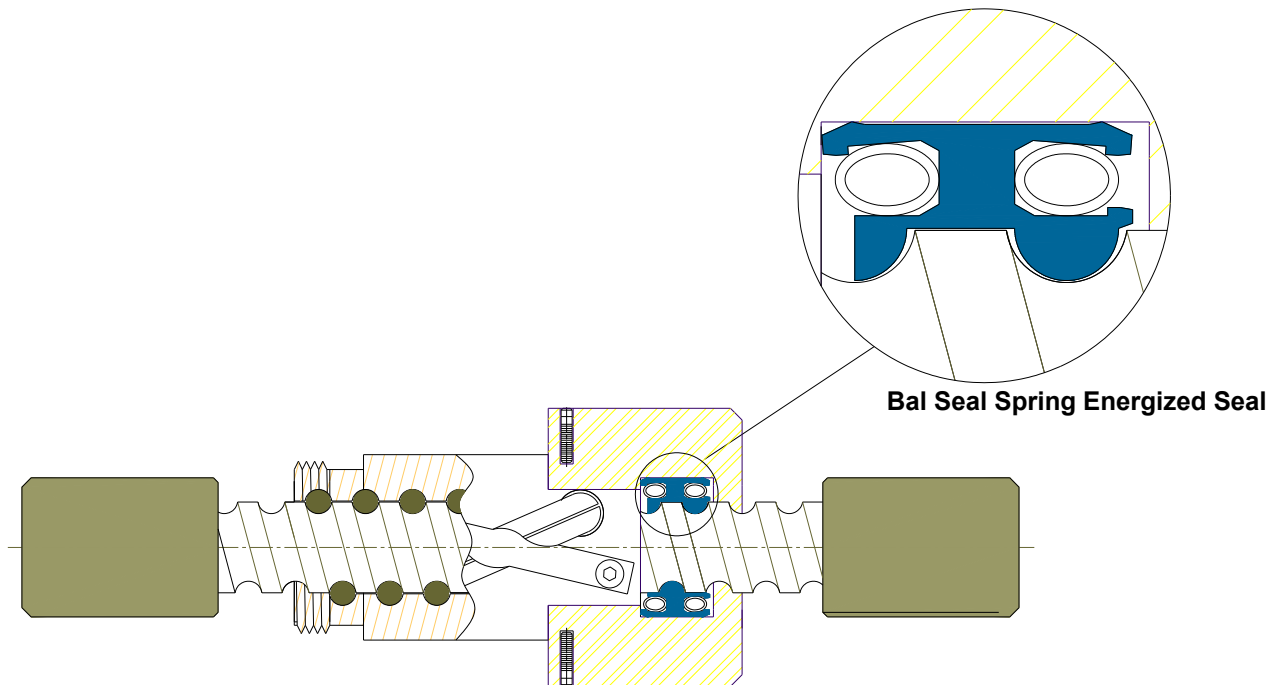


## BAL SEAL® SEALS IN BALLSCREWS

When activated, a ballscrew mechanism requires freedom of movement. Protecting the internal ball bearings from moisture and the environment is critical.

The Bal Seal, designed to maintain lubricants within the housing and to keep water and moisture out, increases sealing reliability. The spring-energized seal acts as a barrier along the threads to reduce debris build up, and exclude moisture, dirt and lubricants. Variable spring forces are available to meet any sealing requirements.



### Operating Parameters

Temperature: -70°F to 350°F (-57°C to 177°C)  
Media: Compatible with various fluid environments and moisture  
Additional: Low friction and low torque

### Features:

- The Bal Seal creates low-torque friction
- Excellent sealing through a wide temperature range
- The Bal Seal seal contacts and rides within the screw threads, sealing and wiping environmental contaminants
- Canted coil spring energizer provides near-constant force for long seal life
- Filled PTFE seal materials provide smooth action and low stick-slip

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

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

U.S. Address: 19650 Pauling Foothill Ranch, CA 92610-2610 • Phone: (949) 460-2100 • Fax: (949) 460-2300

BV Address: VIDA Building, First Floor • Kabelweg 57 • 1014 BA Amsterdam • The Netherlands • Phone: 31 20 638 65 23 • Fax: 31 20 625 60 18