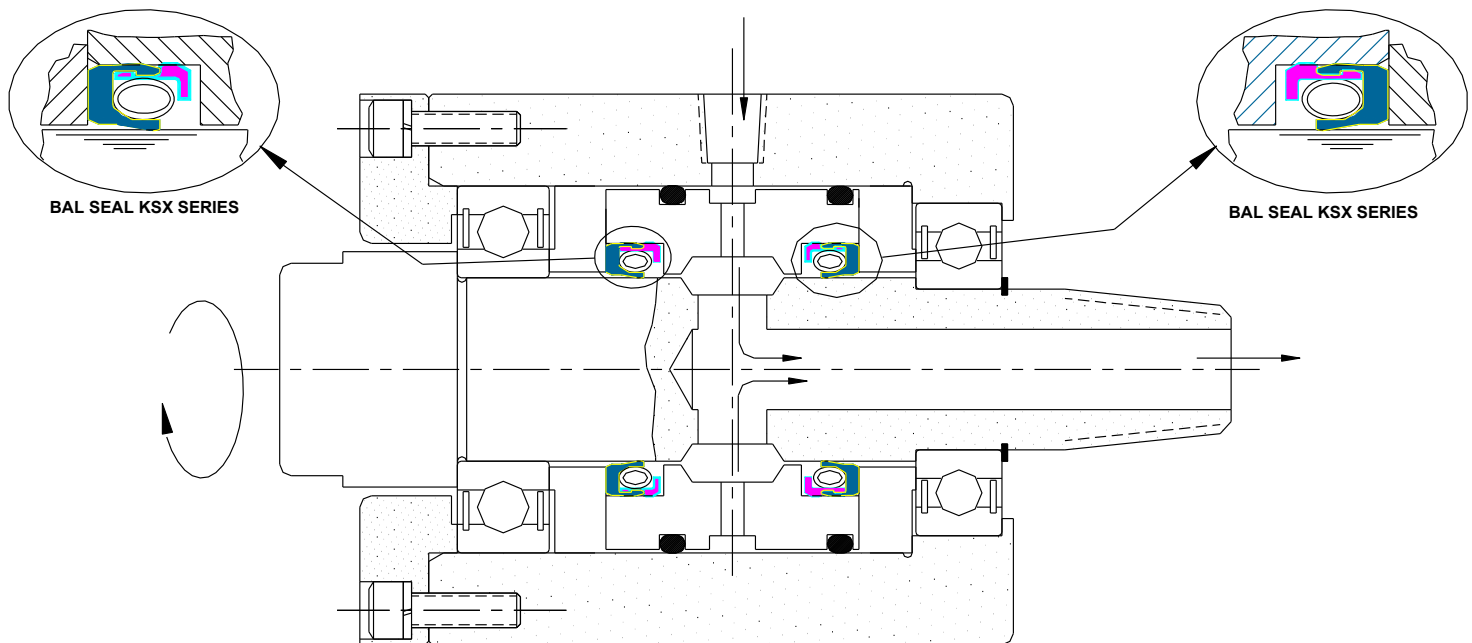


## BAL SEAL® SEALS IN HIGH-SPEED ROTARY JOINTS

The fluid-handling industry uses high-speed rotary joints to transfer fluids through a rotary member under various pressure conditions. The unit includes an external and internal sleeve and a series of bearings that permit rotation and take up thrust loads.

Two Bal Seal® seals are shown below, installed in the rotary joint to capture the media, which contains the product within the rotary joint.

Bal Seal seals have excellent chemical compatibility, low friction, and reliable sealing performance.



### Operating Parameters

Pressure:	Atmospheric to 60 psi (4.22 kg/cm <sup>2</sup> )
Speed:	500 rpm
Temperature:	-20 °F to 150 °F (- 29 °C to 66 °C)
Media:	Oil, water and various fluids
Additional:	Low friction and good sealing performance

### Seal Selection: KSX

#### Features:

- Bal Seal series KSX is selected for its excellent press-in metal locking ring retention system and excellent sealing performance that prevents leakage into the environment
- Low-friction seal for efficient operation
- Seal material has excellent compatibility with various fluids

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 is certified to [ISO 9001](#) | [www.balseal.com](http://www.balseal.com)