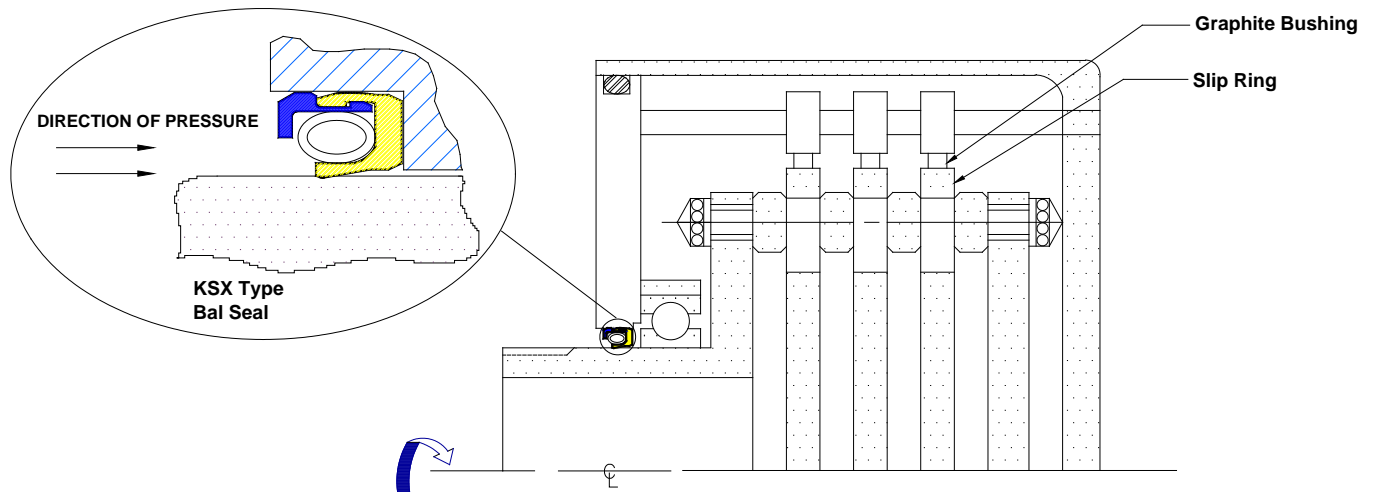


BAL SEAL® SPRING-ENERGIZED SEALS IN ROTARY SLIP RING ASSEMBLIES

Slip ring assemblies permit the transfer of electrical signals from a stationary instrument to a rotating instrument or vice versa.

Industrial and defense-related equipment such as radar, missile guidance systems, as well as construction and mining machinery use slip ring assemblies. A low-friction Bal Seal® spring-energized seal protects the delicate, electrical contact graphite brushes from moisture and other environmental conditions.



Operating Parameters:

Media:	Environment (moisture and dust)
Friction:	Very low
Speed:	80 rpm
Additional:	Low frictional torque and easy of assembly

Seal Selection: KSX

Features:

- Bal Seal spring-energized seal series KSX is selected for its press-in metal locking ring retention system and excellent sealing performance.
- Patented, Bal Spring™ canted coil spring energizer provides near-constant force for long seal life.
- Excellent wear-resistant, filled PTFE seal material operates without lubrication.
- Low-friction seal design keeps minimal frictional torque on the shaft.

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

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