Brush Seals
A Proven Enhancer to Labyrinth Seal Performance

Reduce leakage and increase efficiency with the patented* brush seal design from Waukesha Bearings® and Bearings Plus™.

Used in a wide variety of industrial gas turbines, steam turbines and compressors, brush seals can **reduce leakage by up to 80%**. The seal’s flexible, densely packed bristles bend with rotor contact to follow shaft movement with little wear and low, predictable leakage over time.

For a high-quality, long-lasting seal, rely on the experience and design expertise of Waukesha Bearings and Bearings Plus. Efficiency gains coupled with a replaceable bristle pack provide valuable savings for your critical sealing needs.

*US Patent 6,231,047

**FEATURES AND BENEFITS**
- Proven performance
- Low-profile design
- Replaceable bristle pack
- Easy installation
- Flexible sizing
- Modular assemblies
- Labyrinth augmentation
- Custom and reverse engineering
- Quick turnaround times
BRUSH SEAL EXPERTISE

Our brush seals originated in the aerospace industry with a major brush seal innovator. Since 2008, we have built upon that innovator’s proven, high-quality product, manufacturing methods and engineering know-how to serve the needs of industrial markets around the globe.

With a growing installation list of more than 1,600 units, our brush seals are continually chosen for demanding applications.

IDEAL APPLICATIONS

• Industrial gas turbines: Bearing, high pressure packing (HPP) and interstage sealing
• Steam turbines: Low pressure (LP), intermediate pressure (IP) and high pressure (HP) packing, interstage and tip sealing
• Compressors: Impeller eye, interstage and balance piston sealing
• Turbomachinery utilizing active magnetic bearing systems

Our Promise:
Only Waukesha Bearings® has the culture, commitment and entrepreneurial spirit to drive technological breakthroughs and operational excellence that exceed our customers’ expectations globally.