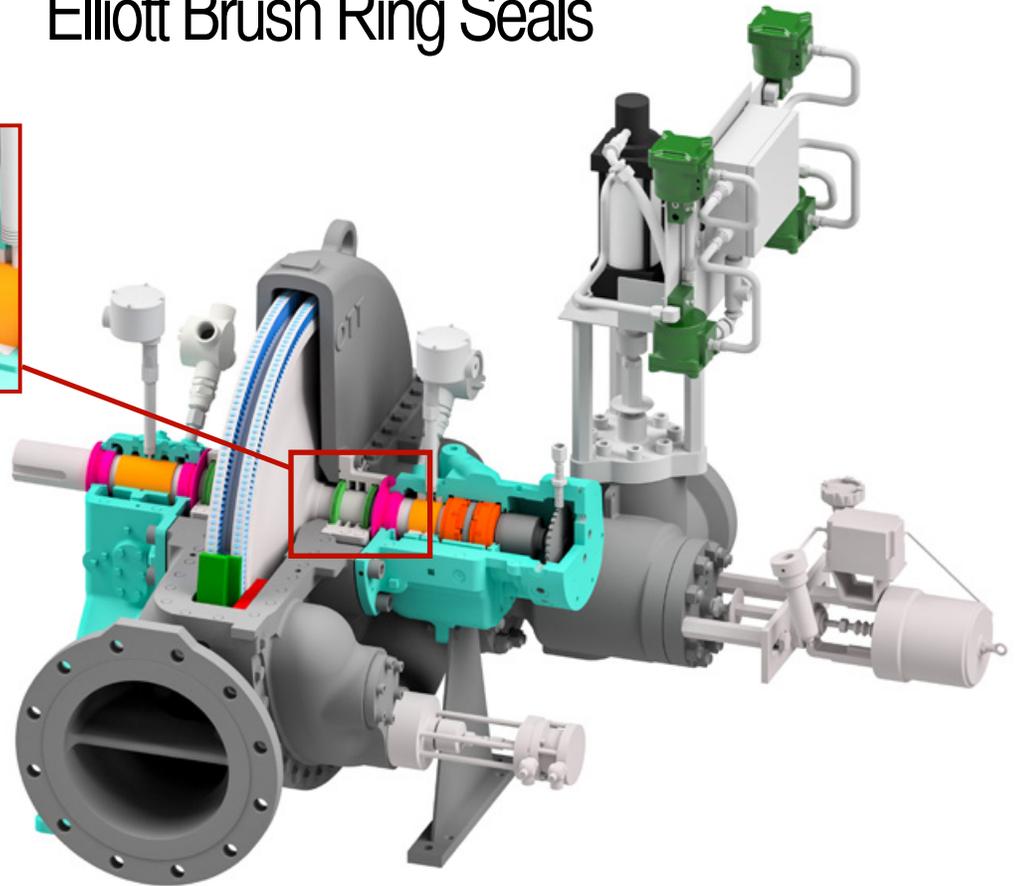
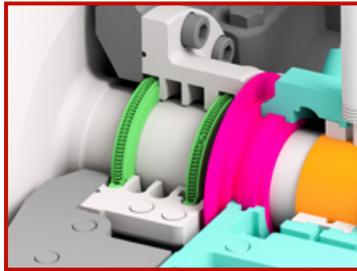


Elliott Brush Ring Seals



Elliott brush ring seals are a reliable alternative for carbon ring seals in industrial steam turbines. Elliott brush ring seals feature a metallic brush and carrier to provide long-term, effective sealing for the most extreme operating conditions. With advanced sealing materials and design, Elliott can help you realize energy savings by reducing steam leakage and improving operating reliability.

Why upgrade to an Elliott brush ring seal?

- ◆ Reduces maintenance costs
- ◆ Eliminates high-maintenance carbon ring seals
- ◆ Reduces overall emissions due to consistent leakage rates over time
- ◆ Accommodates rotor movement and changes in steam parameters without losing sealing effectiveness
- ◆ Decreases energy demands while increasing process throughput
- ◆ Patent-pending technology based on more than 100 years of innovative design and testing
- ◆ Elliott's centerline-supported design maintains concentricity and extends the life of each seal

Installation Kit

We offer a customized brush ring seal installation kit with installation supervision or training available upon request. Each brush ring seal kit includes the following:

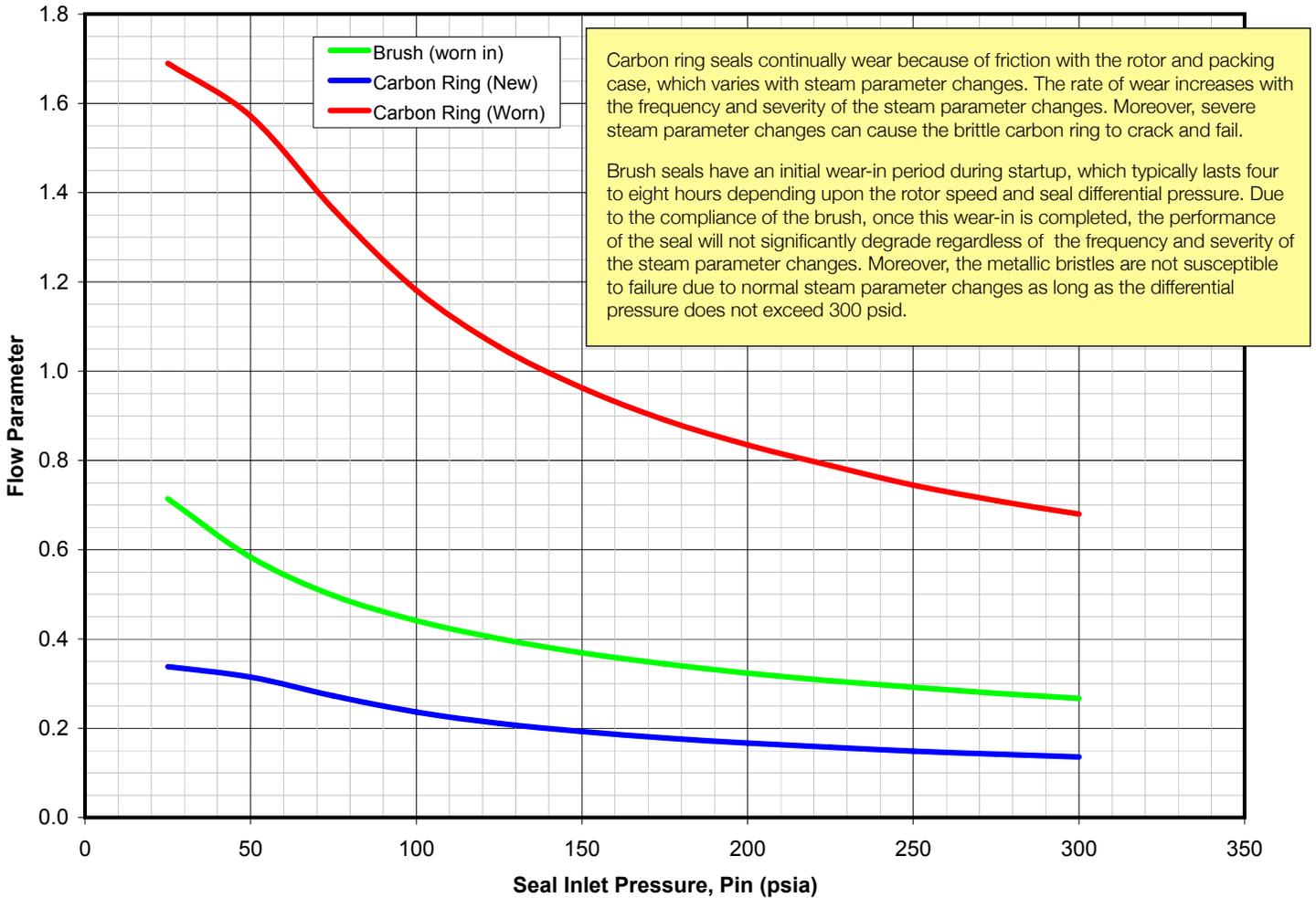
- ◆ Brush ring seal
- ◆ Laminated stainless steel mounting shim pack
- ◆ High-temperature adhesive
- ◆ Installation instructions



Steam Leakage Chart

Brush Ring Seal vs Carbon Ring Leakage

Steam leakage estimate of a single, worn-in brush ring seal versus a single carbon ring in both new and worn condition.



901 North Fourth Street
 Jeannette, PA 15644-1473
 Phone: 724-527-2811
 Fax: 724-600-8442
 Email: info@elliott-turbo.com

www.elliott-turbo.com

T H E W O R L D T U R N S T O E L L I O T T



C O M P R E S S O R S ■ T U R B I N E S ■ G L O B A L S E R V I C E