



EXPERIENCE THE EXCEPTIONAL

# LabTecta<sup>®</sup> 66ST

Bearing Protector for Steam Turbines



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## LabTecta®66ST – Bearing Protector for Steam Turbines

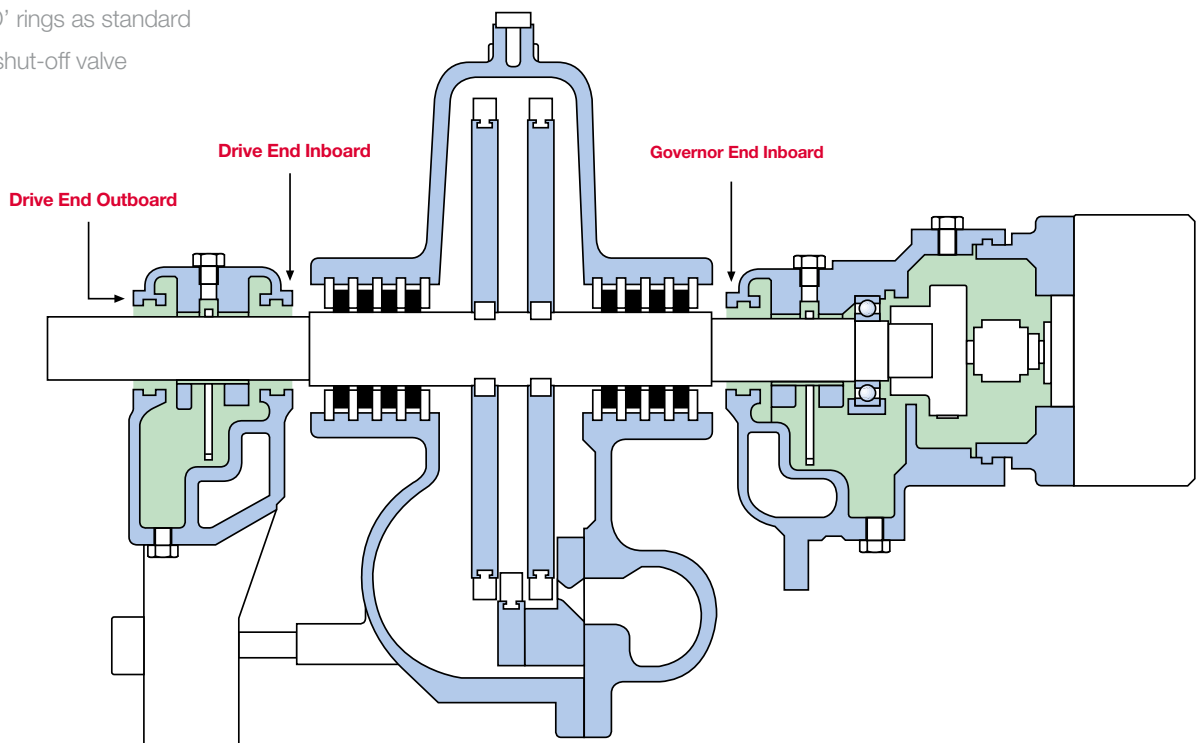
Process steam turbines present a unique challenge for bearing protection.

As the carbon rings containing the steam wear, high temperature / high velocity steam travels down the shaft directly at the bearing seal. Standard OEM labyrinth seals have proven to be ineffective preventing steam ingress.

AESSEAL® has developed LabTecta®66ST designs specifically designed for steam turbine applications.

This design features:

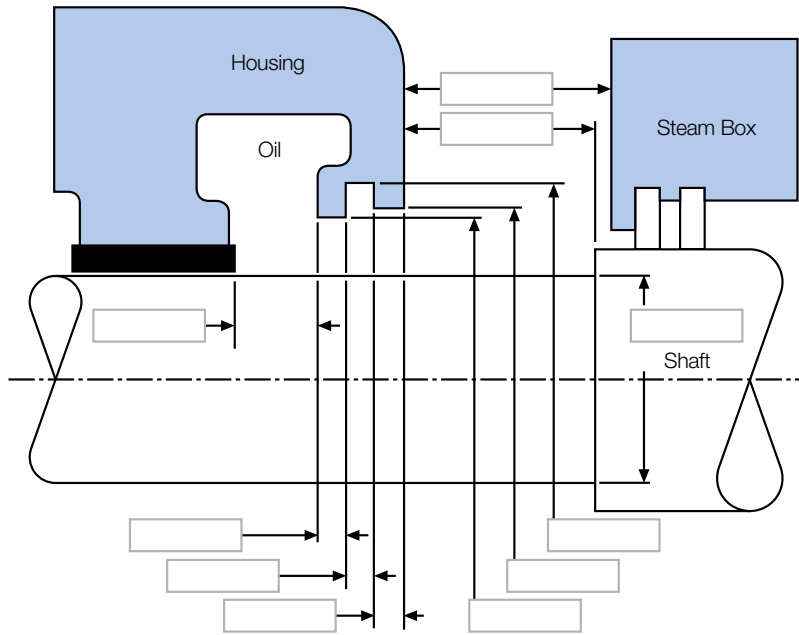
- High temperature static shaft seal
- Extra clearances for thermal expansion
- Steam deflector / Flinger
- Atlas® 'O' rings as standard
- Internal shut-off valve



For smaller steam turbines, the LabTecta-ST™ design provides excellent protection in a compact package. For larger steam turbines, the LabTecta-STAX™ provides easy installation with the capability to accommodate large axial shaft movement.

Standard designs are available for common steam turbines models like the Elliott® YR series. Specific designs can be manufactured at no additional charge.

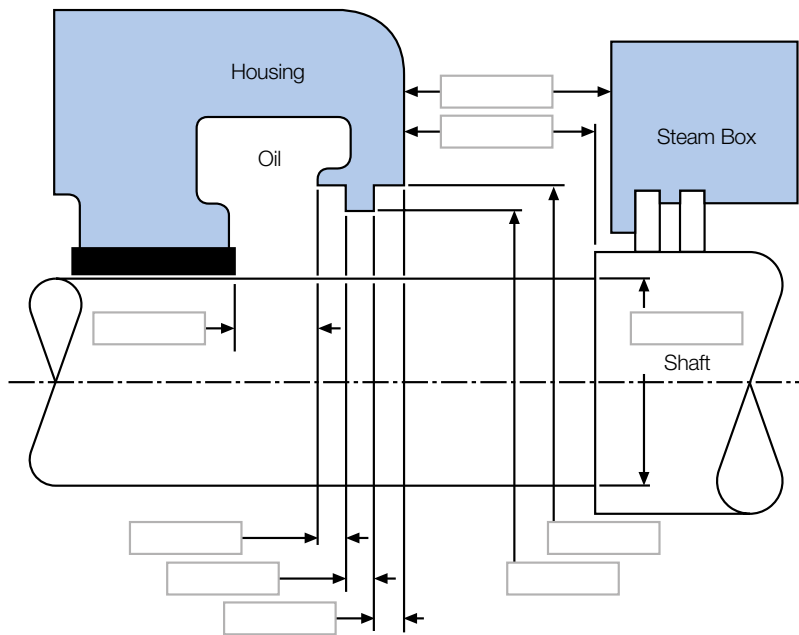
### Male Turbine Data



Manufacturer: ..... Model: .....

**Seal Position:**  Drive End Outboard  Drive End Inboard  Gov. End Inboard

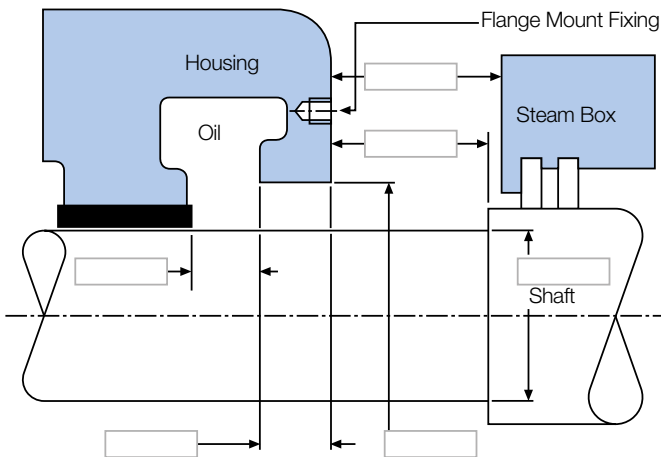
### Female Turbine Data



Manufacturer: ..... Model: .....

**Seal Position:**  Drive End Outboard  Drive End Inboard  Gov. End Inboard

# Press Fit / Flange Mount Turbine Data



Qty: .....  
 PCD: .....  
 Bolt Size: .....  
 Bolt Size: .....

Manufacturer: ..... Model: .....  
 Seal Position:  Drive End Outboard  Drive End Inboard  Gov. End Inboard

## Machinery Application Details

Manufacturer: ..... Equipment Type: .....  
 Size / Model: ..... Industry: .....  
 Speed: ..... rpm Axial Movement (max) ..... Radial Movement (max) .....

## Description of Application

Bearing Type: Ball Bearing  Sleeve Bearing   
 Lubricant Type: Forced Lubrication  Wet Slump   
 Bearing Housing Temperature: ..... °C / ..... °F

Complete the information above and send to:  
 UK Fax: **+44 (0) 1709 720788** USA Fax: **+1 865 531 0571** E-mail: **sales@labtecta.com**

Further information about the AESSEAL® LabTecta®66 range is available in the standard LabTecta®66 brochure.  
 E-mail: **sales@labtecta.com** to request a copy or download it from our website: **www.labtecta.com**

For further information and safe operating limits contact our technical specialists at the locations below.



Use double mechanical seals with hazardous products.

Always take safety precautions:

**WARNING**

- Guard your equipment
- Wear protective clothing

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'Our purpose is to give our customers such exceptional service that they need never consider alternative sources of supply.'

**INVESTOR IN PEOPLE**

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