

# REDUCE DOWNTIME

## With Thordon SXL Water Lubricated Turbine Guide Bearings

Thordon bearings are the best choice for your new turbine or upgrades from other bearing materials when retrofitting an existing turbine. With over 40 years of experience in the Hydro industry and with Thordon's design capabilities we ensure that a fully engineered solution is always provided.

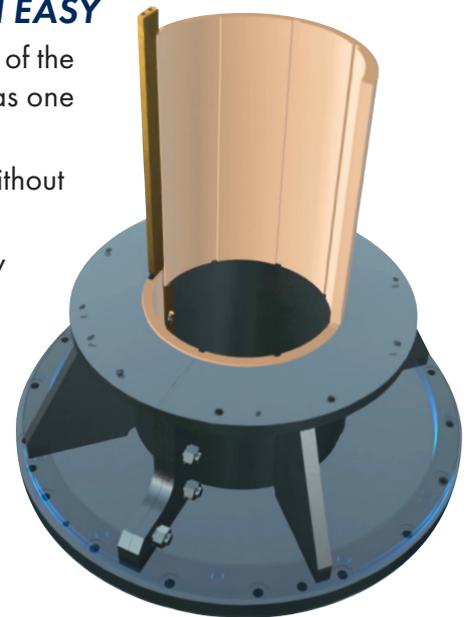
### **LONG WEARLIFE WITH THORDON SXL BEARING SHELL**

- Extend time between bearing replacements with excellent abrasion resistance
- Water lubricated bearing eliminates risk of oil or grease pollution
- Homogeneous elastomer bearing material accommodates vibration and edge loading conditions without costly damage to the bearing or shaft sleeve
- Grooves provide water to the bearing surface for cooling and lubrication
- Full Hydrodynamic operation

### **THORDON TAPERED KEY DESIGN MAKES INSTALLATION EASY**

- Our tapered key design allows for fast, easy removal and replacement of the bearing shell, without removing the shaft or metal housing in as little as one hour - start to finish
- A Thordon tapered key allows an interference fit of the bearing shell without bonding or additional mechanical fastening
- This installation method allows for bearing inspection or renewal at any time which will dramatically reduce downtime and maintenance costs

Thordon engineered solutions will support your bearing design requirements. Complete package offerings can include solutions for water conditioning systems, shaft seals, and bearing condition monitoring packages.



Thordon Bearings Inc. designs and manufactures a complete range of high performance, long lasting bearing system designs that require no oil or grease. We offer turbine guide bearings, wicket gate and operating mechanism bearings, and radial or axial shaft seals. Recognized internationally for superior performance in clean power generation applications, Thordon has a worldwide customer service network in over 100 countries.

**ZERO POLLUTION | HIGH PERFORMANCE | BEARING & SEAL SYSTEMS**

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