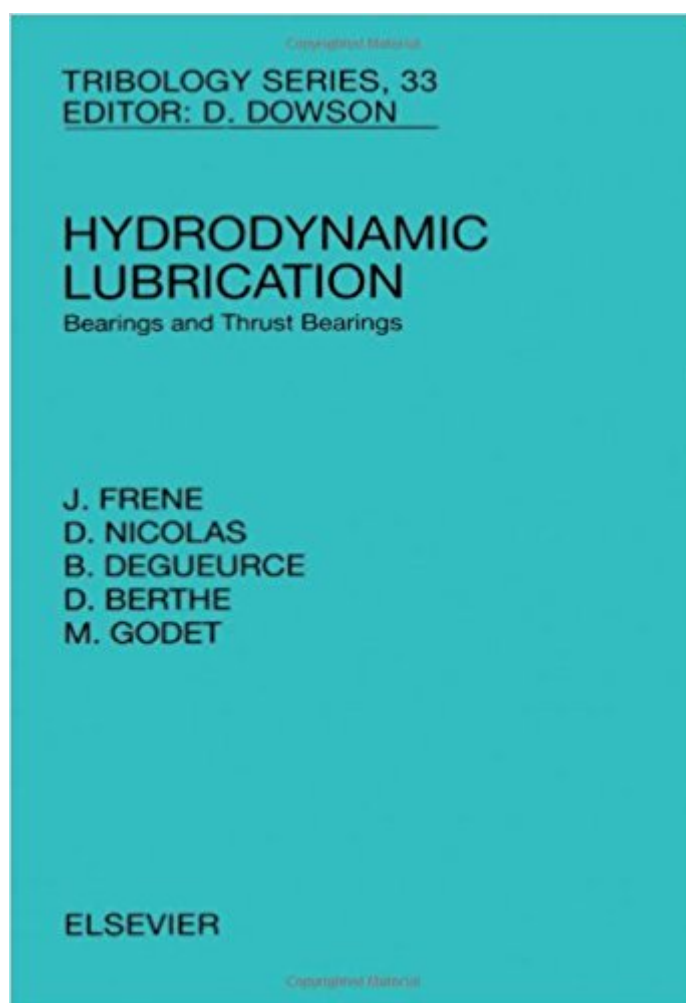


The book was found

# Hydrodynamic Lubrication, Volume 33: Bearings And Thrust Bearings (Tribology And Interface Engineering)



## Synopsis

Hydrodynamic Lubrication is the culmination of over 20 years close, collaborative work by the five authors and discusses the practical use of the formalization of low pressure lubrication. The work concentrates on the developments to journal and thrust bearings and includes subjects such as: the dynamic behaviour of plain and tilting-pads the thermal aspects the positive and negative effects of non-cylindricity and shape defects resulting from manufacturing or operation the effects of inertia the appearance of Taylor's vortices and of turbulence and their repercussions. The book contains an abundance of test results objectively compared with theoretical conclusions and a chapter on "technical considerations" to ensure that draft mechanisms will work satisfactorily under the imposed conditions. Hydrodynamic Lubrication is an essential reference book for future and practising engineers who want to put hydrodynamic and hydrostatic journal bearings and thrust bearings into operation under conditions of total safety.

## Book Information

Series: Tribology and Interface Engineering (Book 33)

Hardcover: 469 pages

Publisher: Elsevier Science; 1 edition (November 24, 1997)

Language: English

ISBN-10: 0444823662

ISBN-13: 978-0444823663

Product Dimensions: 7 x 1.1 x 10 inches

Shipping Weight: 2.3 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #5,732,279 in Books (See Top 100 in Books) #93 in Books > Engineering & Transportation > Engineering > Mechanical > Tribology #2174 in Books > Engineering & Transportation > Engineering > Mechanical > Machinery #3195 in Books > Science & Math > Physics > Mechanics

[Download to continue reading...](#)

Hydrodynamic Lubrication, Volume 33: Bearings and Thrust Bearings (Tribology and Interface Engineering) Coatings Tribology, Volume 56, Second Edition: Properties, Mechanisms, Techniques and Applications in Surface Engineering (Tribology and Interface Engineering) Tribology of Polymeric Nanocomposites, Volume 55, Second Edition: Friction and Wear of Bulk Materials and Coatings (Tribology and Interface Engineering) Tribology of Elastomers, Volume 47 (Tribology and

Interface Engineering) Tribology in Electrical Environments, Volume 49 (Tribology and Interface Engineering) Tribology Data Handbook: An Excellent Friction, Lubrication, and Wear Resource (Handbook of Lubrication) Mitigation of Hydrodynamic Resistance: Methods to Reduce Hydrodynamic Drag Heat, Bearings, and Lubrication: Engineering Analysis of Thermally Coupled Shear Flows and Elastic Solid Boundaries CRC Handbook of Lubrication and Tribology, Volume III: Monitoring, Materials, Synthetic Lubricants, and Applications, Volume III Industrial Tribology: Tribosystems, Friction, Wear and Surface Engineering, Lubrication Engineering Tribology (Tribology Series) Bearings and Lubrication: A Mechanical Designers Workbook (Mcgraw-Hill Mechanical Designers Workbook Series) Grease Lubrication in Rolling Bearings Handbook of Lubrication and Tribology, Volume II: Theory and Design, Second Edition CRC Handbook of Lubrication: Theory and Practice of Tribology, Volume II: Theory and Design Interface Oral Health Science 2014: Innovative Research on Biosis-Abiosis Intelligent Interface Applied Tribology: Bearing Design and Lubrication New Directions in Lubrication, Materials, Wear, and Surface Interactions: Tribology in the 80's Tribology in Metalworking: Friction, Lubrication and Wear The Cutting Edge of Tribology: A Decade of Progress in Friction, Lubrication and Wear

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)