



# Compressors: Selection and Sizing, Second Edition

*By Royce N. Brown*

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## **Compressors: Selection and Sizing, Second Edition** By Royce N. Brown

This practical reference provides in-depth information required to understand and properly estimate compressor capabilities and select proper designs. Engineers and students will gain a thorough understanding of compression principles, equipment, applications, selection, sizing, installation, and maintenance. The many examples clearly illustrate key aspects to help readers understand the "real world" of compressor technology.

This second edition is completely updated with new API standard. It presents the latest technology in the areas of efficiency, 3-D geometry, electronics, CAD, and the use of plant computers. The critical chapter on negotiating the purchase of a compressor now reflects current industry practices for preparing detailed specifications, bid evaluations, engineering reviews, and installation. A new chapter compares the reliability of various types of compressors.

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### **Editorial Review**

From the Back Cover  
Gulf Professional Publishing]

Engineering/Mechanical Engineering

Compressors, 3rd Edition  
Royce N. Brown  
RNB Engineering, Texas

" Everything you need to select the right compressor for your specific application

" Practical information on compression principles, equipment, applications, selection, sizing, installation, and maintenance.

" New sections on diaphragm compressors and an introduction to rotor dynamics stability

This practical reference provides in-depth information required to understand and properly estimate compressor capabilities and to select the proper designs. The many examples clearly illustrate key aspects to help readers understand the "real world" of compressor technology.

Compressors: Selection and Sizing, third edition is completely updated with new API standards. The latest technology is presented in the areas of efficiency, 3-D geometry, electronics, and CAD. The critical chapter on negotiating the purchase of a compressor now reflects current industry practices for preparing detailed specifications, bid evaluations, engineering reviews, and installation.

Royce N. Brown, P.E., is the owner of RNB Engineering, a consulting firm in Houston. He is a registered professional engineer in Texas, Michigan, Louisiana, Wisconsin and California, and a former consulting engineer for Dow Chemical

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