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Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index
Nota di contenuto	Overview. Basic relationships. Reciprocating compressors. Rotary compressors. Centrifugal compressors. Axial compressors. Drivers. Accessories. Dynamics. Testing. Negotiation and purchasing. Reliability issues. Appendices. Index
Sommario/riassunto	This practical reference provides in-depth information required to understand and properly estimate compressor capabilities and to select the 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. Compressors: Selection and Sizing, third edition is completely updated with new API standards. Additions requested by readers include a new section on diaphragm compressors in the reciprocating compressors chapter, and a new section on rotor dynamics stability in the chapter on diaphragm compressors. The latest technology is presented 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 key chapter compares the reliability of various types of compressors. *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

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