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Nota di contenuto	front cover; copyright; table of contents; front matter; Preface; Acknowledgments; About the Author; body; 1 Overview; 2 Basic Relationships; 3 Reciprocating Compressors; 4 Rotary Compressors; 5 Centrifugal Compressors; 6 Axial Compressors; 7 Drivers; 8 Accessories; 9 Dynamics; 10 Testing; 11 Negotiation and Purchasing; 12 Reliability Issues; back matter; Appendix A Conversion Factors; Appendix B Pressure-Enthalpy and Compressibility; Appendix C Physical Constants of Hydrocarbons; Appendix D Labyrinth and Carbon Ring Seal Leakage Calculations; 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 di