1. Record Nr. UNINA9910808315503321 Autore Zappe R. W. <1912-> Titolo Valve selection handbook: engineering fundamentals for selecting the right valve design for every industrial flow application / / by Peter Smith (editor and contributor), and R.W. Zappe Amsterdam; ; Boston, : Elsevier, : Gulf Professional Pub., c2004 Pubbl/distr/stampa **ISBN** 978-0-0805-8158-6 1-4933-0297-3 1-281-05208-6 9786611052089 0-08-048158-2 9780080581586 Edizione [5th ed.] Descrizione fisica 1 online resource (414 p.) Altri autori (Persone) **SmithPeter** Disciplina 621.8/4 621.84 Soggetti Valves Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Includes bibliographical references (p. 383-386) and index. Nota di bibliografia Front Cover; Copyright; Contents; PREFACE; 1. INTRODUCTION; 2. Nota di contenuto FUNDAMENTALS; 3. MANUAL VALVES; 4. CHECK VALVES; 5. PRESSURE RELIEF VALVES; 6. RUPTURE DISCS; 7. SIZING PRESSURE RELIEF DEVICES; 8. ACTUATORS; 9. DOUBLE BLOCK AND BLEED BALL VALVES; 10. MECHANICAL LOCKING DEVICES FOR VALVES; Appendix A: ABBREVIATIONS OF ORGANIZATIONS AND STANDARDS RELATED TO THE INTERNATIONAL VALVE INDUSTRY; Appendix B: PROPERTIES OF FLUIDS: Appendix C: STANDARDS PERTAINING TO VALVES; Appendix D: INTERNATIONAL SYSTEM OF UNITS (SI); Appendix E: VALVE GLOSSARY; REFERENCES; Index Sommario/riassunto Valves are the components in a fluid flow or pressure system that regulate either the flow or the pressure of the fluid. They are used extensively in the process industries, especially petrochemical. Though there are only four basic types of valves, there is an enormous number

of different kinds of valves within each category, each one used for a specific purpose. No other book on the market analyzes the use,

construction, and selection of valves in such a comprehensive manner.-Covers new environmentally-conscious equipment and practices, the most important hot-button issue in the p