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Cast Steel Low Pressure Check Valve Specification

Size range

2' to 48"

ASME standards

ASME B16.34

Operating temperature

-29°C to 425°C

End connections

- Flanged
- Socket welded
- Threaded



Material

Cast Steel ASTM A216 WCB, WC6

Pressure rating

Up to 3000 psi

Operated

Manual or Actuated

Standard

- API 6D
- API 594
- API 598

EN 473-ISO 9712

Low Recover Pressure Check Connections

Wen Jiang Du, Mao De Ma



Low Recover Pressure Check Connections:

The Vacuum Interrupter Paul G. Slade, 2020-11-29 Title The Vacuum Interrupter Theory Design and Application Shelving guide Electrical Engineering Dr Paul Slade draws from his nearly six decades of active experience to develop this second edition of The Vacuum Interrupter Theory Design and Application This book begins by discussing the design requirements for high voltage vacuum interrupters and then the contact requirements to interrupt the vacuum arc It then continues by describing the various applications in which the vacuum interrupter is generally utilized Part 1 of this book begins with a detailed review of the vacuum breakdown process It continues by covering the steps necessary for the design and the manufacture of a successful vacuum interrupter The vacuum arc is then discussed including how it is affected as a function of current An overview of the development and use of practical contact materials along with their advantages and disadvantages follows Contact designs that are introduced to control the high current vacuum arc are also analyzed Part 2 on application begins with a discussion of the arc interruption process for low current and high current vacuum arcs It examines the voltage escalation phenomenon that can occur when interrupting inductive circuits The occurrence of contact welding for closed contacts subjected to the passage of high currents and for contacts when closing on high currents is explored The general requirements for the successful manufacture and testing of vacuum circuit breakers is then presented The general application of vacuum interrupters to switch load currents especially when applied to capacitor circuits is also given The interruption of high short circuit currents is presented along with the expected performance of the two major contact designs Owing to the ever increasing need for environmentally friendly circuit protection devices the development and application of the vacuum interrupter will only increase in the future At present the vacuum circuit breaker is the technology of choice for distribution circuits 5kV to 40 5kV It is increasingly being applied to transmission circuits 72 5kV to 242kV In the future its application for protecting high voltage DC networks is assured Audience This is a practical source book for engineers and scientists interested in studying the development and application of the vacuum interrupter Research scientists in industry and universities Graduate students beginning their study of vacuum interrupter phenomena Design engineers applying vacuum interrupters in vacuum switches vacuum contactors vacuum circuit breakers and vacuum contactors It provides a unique and comprehensive review of all aspects of vacuum interrupter technology for those new to the subject and for those who wish to obtain a deeper understanding of its science and application Scientists and engineers who are beginning their research into vacuum breakdown and aspects of the vacuum arc will find the extensive bibliography and phenomenological descriptions to be a useful introduction *Fundamentals of Mobile Heavy Equipment* Owen C. Duffy, Gus Wright, Scott A. Heard, 2017-09-27 Fundamentals of Mobile Heavy Equipment provides students with a thorough introduction to the diagnosis repair and maintenance of off road mobile heavy equipment With comprehensive up to date coverage of the latest technology in the field it addresses the equipment used in construction agricultural forestry and mining industries *Pipelines for*

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Handbook of Mine Rescue and Recovery Operations Ontario. Department of Mines, 1930 Lloyd's List Law Reports, 1919 *Catalogue* Montgomery Ward, 1941 Gas Age, 1920 Includes summaries of proceedings and addresses of annual meetings of various gas associations L C set includes an index to these proceedings 1884 1902 issued as a supplement to Progressive age Feb 15 1910 *Engineering Record, Building Record and Sanitary Engineer*, 1904 **Power Plant Engineering**, 1928 **The Oil and Gas Journal**, 1926 **The Engineering Record, Building Record and the Sanitary Engineer**, 1900 *ASHRAE Handbook*, 1996 **Catalog** Sears, Roebuck and Company, 1962 **Contracts and Grants for Cooperative Research on Enhanced Oil and Gas Recovery and Improved Drilling Methods; Progress Review** United States. Dept. of Energy, 1981 **Power**, 1927 **Proceedings** Society of Petroleum Engineers (U.S.). California Regional Meeting, 1989

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