



Cyclopedia of applied electricity a general reference work on direct-current generators and motors, storage batteries, electrochemistry, welding, . transmission, alternating-current Volume 5

By American Technical Society

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 96 pages. Dimensions: 9.7in. x 7.4in. x 0.2in.This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1913 edition. Excerpt: . . . packing ring 2 is provided which prevents air from leaking around the piston. The leather packing ring is held against the walls of the cylinder by means of the round spring expander 3. The cylinder head 4 may be either plain or as shown. That shown is constructed to receive an automatic slack-adjuster which is sometimes used with the automatic system. When an application is made, air enters behind the piston and forces it outward, compressing the release spring 5. When the air is exhausted from the cylinder, the release spring 5 pushes the piston back to its normal position. Cylinder head 6 is constructed so as to provide a place for the coil spring when the piston is forced outward. The size of the cylinder depends on the design of the brake rigging and on the weight of the car. The sizes commonly...



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