



Valve-Gears for Steam-Engines Volume 25

By Cecil Hobart Peabody

Theclassics.us, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.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. 1892 edition. Excerpt: . chapter vi. drop cut-off valve-gears. In this chapter there will be given descriptions of a few special forms of valve-gears, selected, partly at random, from the large variety of such gears employed by the builders of automatic cut-off stationary engines. All are of the four-valve type of valve-gears, and all give a drop or disengagement cutoff. A description and analysis of these few forms will enable the student to analyze and understand other gears of similar types. Brown Engine Gear.-- Fig. i, pi. xxx, gives a section through the head-end valves and valve-chests of the Brown engine; the crank-end valves and gears are a duplication of those for the head end. The admission-valve V is a five-ported gridiron valve on a vertical valve-seat, and the exhaust-valve is a three-ported gridiron valve on a horizontal seat. Both are controlled by valve-gears on the shaft O,...



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