Pumps, Their Principles and Construction; A Series of Lectures Delivered at the Regent Street Polytechnic

By James Wright Clarke

Rarebooksclub.com, United States, 2012. 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 download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1898 Excerpt: .height measured from surface of water in the well to the top end of the delivery pipe. So that the work done and power exerted shall not be equal to each other, as worked out in the problem, the height to which the water is raised should be less than that given. As another example: What is the largest size pump, fitted as Fig. 37, that could be used for raising water to a height of 60 ft. above that in the well? The formula then becomes Where P-- man s power in lbs. L = distance of handle from centre of crank shaft in inches. S = distance of crank between centres in inches. H = height to be lifted in feet. W = weight of water on a circular inch in the barrel for each foot of head = 34 lbs. D = diameter of...

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