



The Engineer s Handy-Book; Containing a Full Explanation of the Steam-Engine Indicator, and Its Use and Advantages to Engineers and Steam Users. with Formulae for Estimating the Power of All Classes of Steam-Engines

By Stephen Roper

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. 1889 Excerpt: .less labor to perform the division first, that is, to divide the area of the large piston by that of the small one, and multiply the quotient by the M. E. P. of the large one. Thus, $6379-4238 \div 2574-1975 \times 9-25 = 19-33$ lbs., which, added to the M. E. P. of the small cylinder ($33-25 + 19-33 = 5258$ lbs.), gives for it the equivalent of both, 52-58. Then the volume of the average terminal (28 lbs.) being 895, the calculation., . $859-375$ m be as follows: $895 \times 52.,8 = 16.2$ lbs. From this the del will be Diagram No. 18 about 3 per cent., or-48 lbs., leaving ($16 \text{---}48$) 15-70 lbs. per L H. P. per hour, which justifies theoretically the claim made 26i T.J. for these engines. The engines of the four steamships of this line gave very similar diagrams. Diagrams Nos. 19...



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