



Single-Phase Commutator Motors

By Frederick Creedy

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. 1913 Excerpt: .with OF3, so that OF8 and OE, are conjugate diameters, and we can therefore draw the ellipse in a simple manner. Projecting this ellipse on Q we get OE0, the terminal E.M.F. The projection of the stator E.M.F. ellipse on Q is also shown dotted, whence the reduction in the terminal E.M.F. which we obtain by this means is made evident. The improvement in the power factor is shown indirectly also. We shall now proceed to discuss the neutralized and induced series motors (Figs. 2 and 7) in parallel columns just as we did the ordinary and inverted repulsion motors and shall show that they bear exactly the same mutual relations. The Induced Series Motor. Starting.--This machine differs only from the neutralized series motor in that the neutralizing coil is excited from the line. Let OMr (Fig. 71) be the field flux as usual, and MJg...



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