

B.01.02 – Ciclos de Potência Padrão a Ar

Básico de Motores Alternativos

Prof. C. Naaktgeboren, PhD



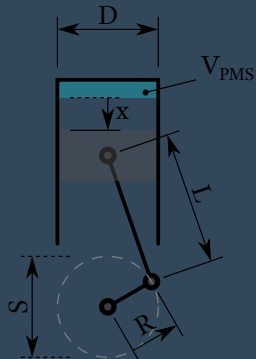
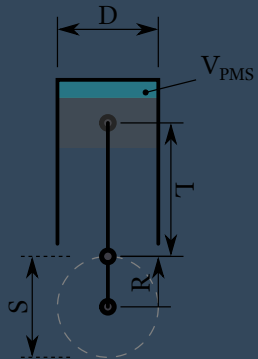
<https://github.com/CNThermSci/ApplThermSci>

Compiled on 2020-12-29 17h48m19s UTC

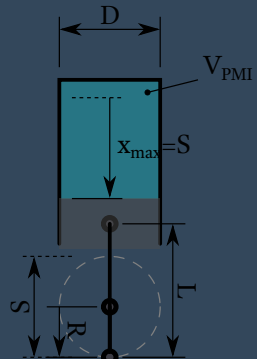
1 Básico de Motores Alternativos

2 Tópicos de Leitura

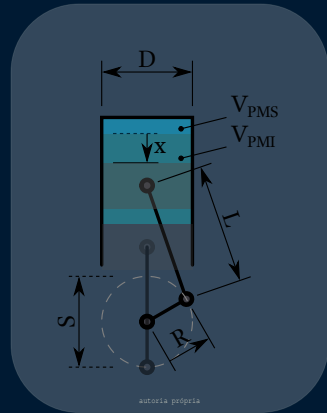




autoria própria

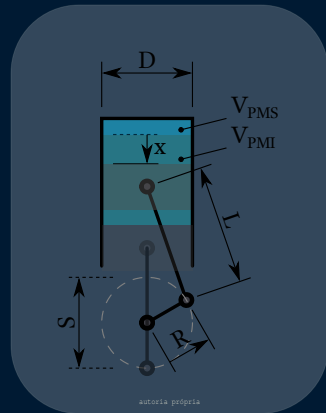


$$r = \frac{V_{\max}}{V_{\min}} = \frac{V_{\text{PMI}}}{V_{\text{PMS}}},$$



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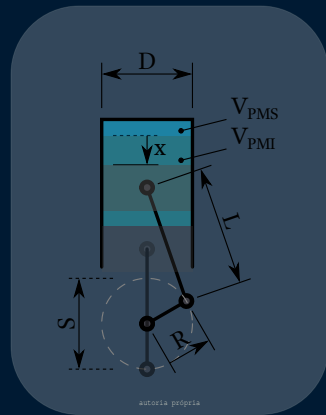


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$$\text{PME} = \frac{W_{\text{liq}}}{V_{\text{du}}} = \frac{W_{\text{liq}}}{V_{\text{PMI}} - V_{\text{PMS}}} = \frac{W_{\text{liq}}}{V_{\text{PMS}}(r - 1)},$$

e



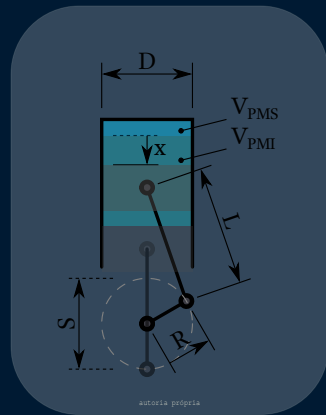
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$$\eta_t = \frac{W_{\text{liq}}}{Q_{\text{liq}}} = \frac{w_{\text{liq}}}{q_{\text{liq}}}.$$



Tópicos de Leitura I



Çengel, Y. A. e Boles, M. A.

Termodinâmica 7ª Edição. Seção 9-4.

AMGH. Porto Alegre. ISBN 978-85-8055-200-3.



Photo by Matt Hardy from Pexels

www.pexels.com/photo/body-of-water-under-blue-and-white-skies-1533720