B.01.02 – Ciclos de Potência Padrão a Ar

Básico de Motores Alternativos

Prof. C. Naaktgeboren, PhD



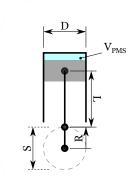


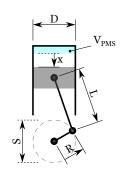


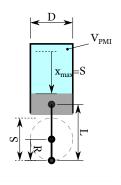
Prof. C. Naaktgeboren, PhD

B.01.02 - Ciclos de Potência Padrão a Ar

Básico de Motores Alternativos

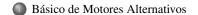






UTFPR





Tópicos de Leitura





Prof. C. Naaktgeboren, PhD

B.01.02 – Ciclos de Potência Padrão a Ar

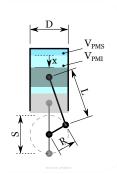
Básico de Motores Alternativos

$$r = rac{V_{ ext{max}}}{V_{ ext{min}}} = rac{V_{ ext{PMI}}}{V_{ ext{PMS}}},$$

$$V_{\mathrm{du}} = V_{\mathrm{max}} - V_{\mathrm{min}} = V_{\mathrm{PMI}} - V_{\mathrm{PMS}},$$

$$\mathbf{PME} = \frac{W_{\mathrm{liq}}}{V_{\mathrm{du}}} = \frac{W_{\mathrm{liq}}}{V_{\mathrm{PMI}} - V_{\mathrm{PMS}}} = \frac{W_{\mathrm{liq}}}{V_{\mathrm{PMS}}(r-1)}, \qquad \mathrm{e}$$

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







Básico de Motores Alternativos Tópicos de Leitura

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.





Prof. C. Naaktgeboren, PhD B.01.02 – Ciclos de Potência Padrão a Ar