## B.01.02 – Ciclos de Potência Padrão a Ar

Básico de Motores Alternativos

Prof. C. Naaktgeboren, PhD



https://github.com/CNThermSci/ApplThermSci Compiled on 2020-12-30 18h22m12s UTC





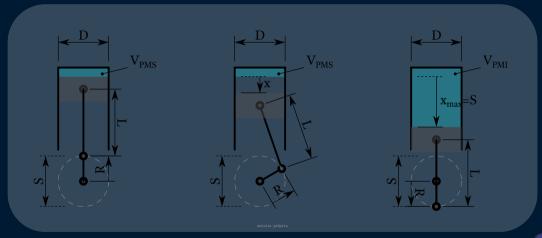


Básico de Motores Alternativos

Tópicos de Leitura





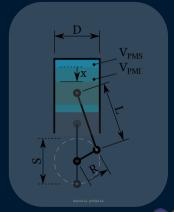








$$r = \frac{V_{\text{max}}}{V_{\text{min}}} = \frac{V_{\text{PMI}}}{V_{\text{PMS}}},$$

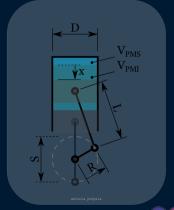






$$r = \frac{V_{\text{max}}}{V_{\text{min}}} = \frac{V_{\text{PMI}}}{V_{\text{PMS}}},$$

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





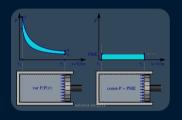




$$r = \frac{V_{\text{max}}}{V_{\text{min}}} = \frac{V_{\text{PMI}}}{V_{\text{PMS}}}$$

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

$$ext{PME} = rac{W_{ ext{liq}}}{V_{ ext{du}}} = rac{W_{ ext{liq}}}{V_{ ext{PMI}} - V_{ ext{PMS}}} = rac{W_{ ext{liq}}}{V_{ ext{PMS}}(r-1)},$$





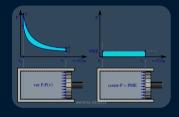


$$r = \frac{V_{\text{max}}}{V_{\text{min}}} = \frac{V_{\text{PMI}}}{V_{\text{PMS}}}$$

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

$$ext{PME} = rac{W_{ ext{liq}}}{V_{ ext{du}}} = rac{W_{ ext{liq}}}{V_{ ext{PMI}} - V_{ ext{PMS}}} = rac{W_{ ext{liq}}}{V_{ ext{PMS}}(r-1)}, \qquad \epsilon$$

$$\eta_t = rac{W_{
m liq}}{Q_{
m liq}} = rac{w_{
m liq}}{q_{
m liq}}.$$







## 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.





