B.01.02 – Ciclos de Potência Padrão a Ar

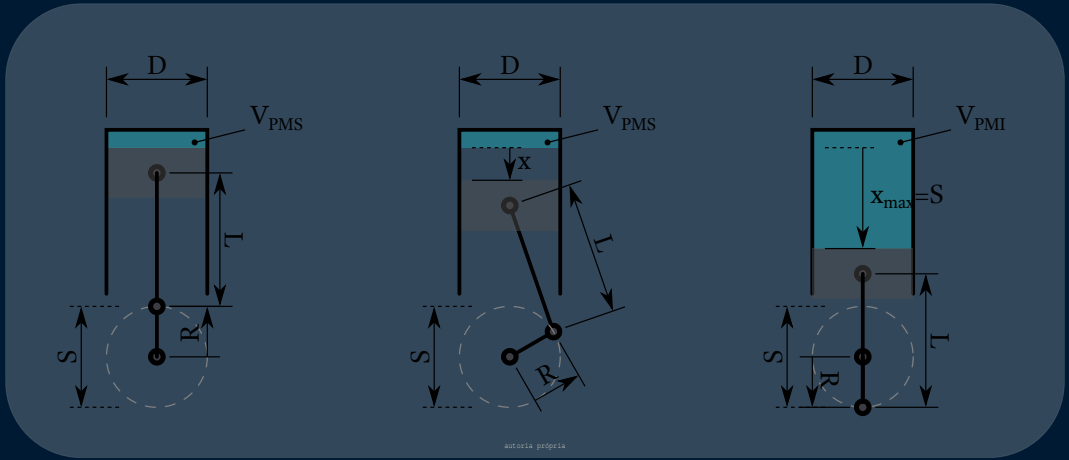
Básico de Motores Alternativos

Prof. C. Naaktgeboren, PhD

https://github.com/CNThermSci/ApplThermSci

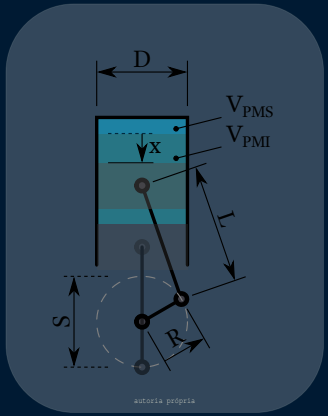
Compiled on 2020-12-30 18h33m51s UTC

1. Básico de Motores Alternativos
2. Tópicos de Leitura



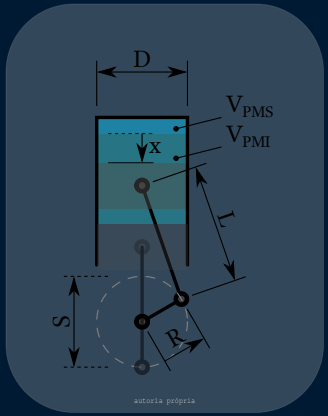
autoria própria

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



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

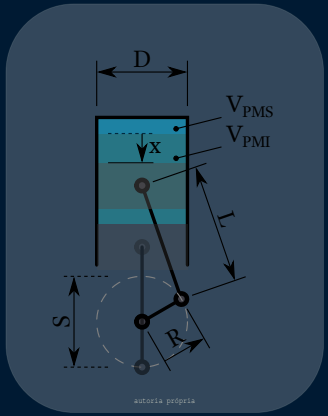
$$V_{\text{du}} = V_{\max} - V_{\min} = V_{\text{PMI}} - V_{\text{PMS}}, \qquad \text{e}$$

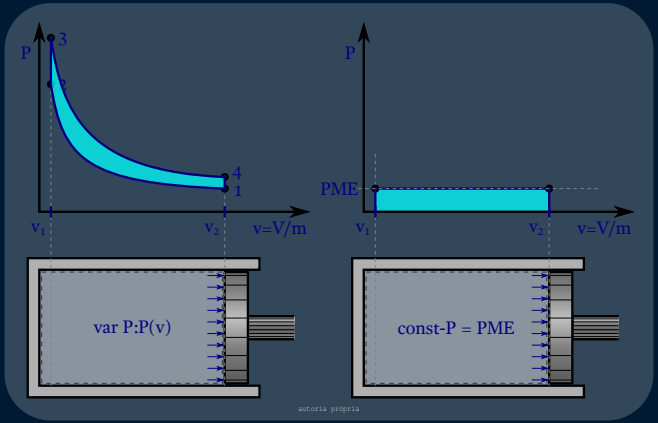


$$r = \frac{V_{\max}}{V_{\min}} = \frac{V_{\text{PMI}}}{V_{\text{PMS}}},$$

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

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





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

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