

20.2

Datos

$$Q_{abs} = 9000 \text{ J}$$

$$W = |Q_{abs}| - |Q_{ced}|$$

$$Q_{ced} = 6400 \text{ J}$$

$$W = 9000 - 6400 = 2600 \text{ J.}$$

$$\eta = 1 - \frac{Q_{ced}}{Q_{abs}} = 1 - \frac{6400}{9000} = 0.29.$$