

str. 131 / úloha 689

$$v = 54 \frac{\text{km}}{\text{h}} = 15 \frac{\text{m}}{\text{s}}$$

$$P = 36 \text{ kW} = 36\,000 \text{ W}$$

$$F = ? \text{ [N]}$$

$$P = F \cdot v$$

$$F = \frac{P}{v}$$

$$F = \frac{36\,000}{15}$$

$$F = 2\,400 \text{ N}$$

Velikost tažné síly je 2 400 N.