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$$m = 1000 \text{ kg}$$

$$F_R = 1700 \text{ N}$$

$$r = 60 \text{ m}$$

ges.: v

$$F_z = m \frac{v^2}{r} \Rightarrow v = \sqrt{\frac{F_z \cdot r}{m}}$$

$$v = \sqrt{\frac{1700 \text{ N} \cdot 60 \text{ m}}{1000 \text{ kg}}} = 10 \frac{\text{m}}{\text{s}}$$

$$v = \underline{\underline{36 \frac{\text{km}}{\text{h}}}}$$