

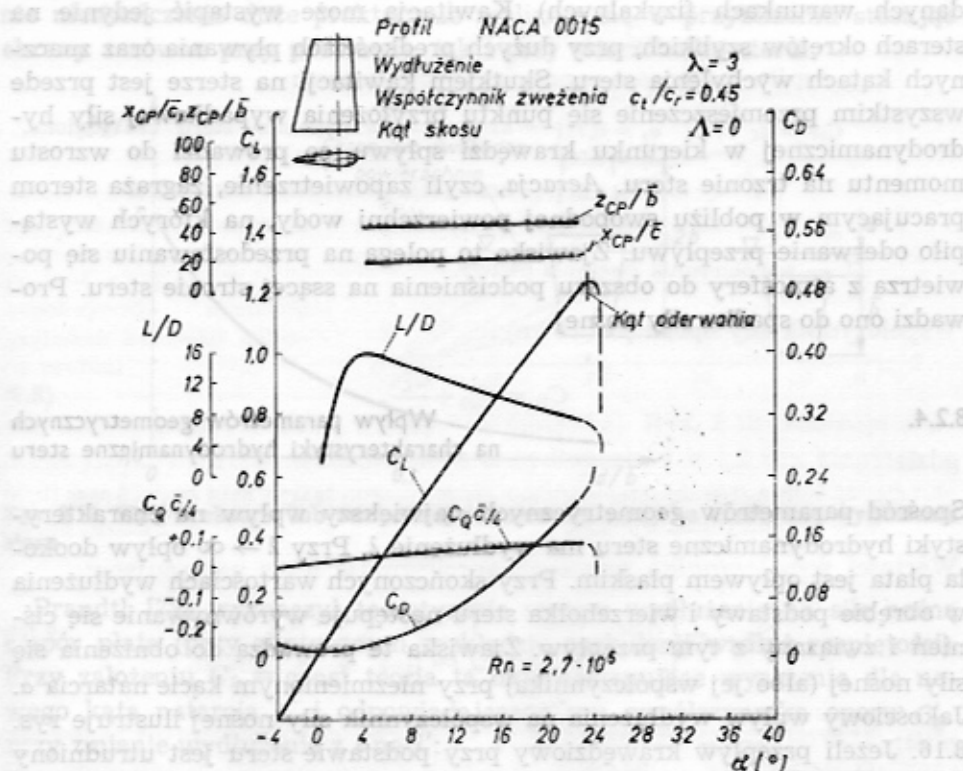
$$C_L = \frac{L}{\frac{1}{2} \rho A_R V^2},$$

$$C_D = \frac{D}{\frac{1}{2} \rho A_R V^2},$$

$$C_N = \frac{F_N}{\frac{1}{2} \rho A_R V^2},$$

$$C_Q = \frac{Q_T}{\frac{1}{2} \rho A_R V^2 \bar{c}} = \frac{F_N(d - x_{CP})}{\frac{1}{2} \rho A_R V^2 \bar{c}} = C_N \left(\frac{d}{\bar{c}} - \frac{x_{CP}}{\bar{c}} \right),$$

$$C_{Q\bar{c}/4} = \frac{Q_{T\bar{c}/4}}{\frac{1}{2} \rho A_R V^2 \bar{c}} = \frac{F_N(0,25\bar{c} - x_{CP})}{\frac{1}{2} \rho A_R V^2 \bar{c}} = C_N \left(0,25 - \frac{x_{CP}}{\bar{c}} \right).$$



Rys. 8.15. Charakterystyki hydrodynamiczne steru odosobnionego