

[Remarks:](#) See § 2.2, page 30 till 32

[Answers:](#)

a. $F_x = +15 \text{ kN}$; $F_y = +30 \text{ kN}$; $F_z = +10 \text{ kN}$

b. $\alpha_x = 64,6^\circ$; $\alpha_y = 31,0^\circ$; $\alpha_z = 73,4^\circ$