

[Opmerkingen:](#) Zie §2.2.1, blz. 17 t/m 19

Zie §2.3, blz. 22 t/m 23

Zie §2.6, blz. 32 en verder

[Antwoord :](#)

$$\Delta \ell^{(1)} = +2 \text{ mm}$$

$$\Delta \ell^{(2)} = -1 \text{ mm}$$

$$\Delta \ell^{(3)} = +1 \text{ mm}$$

$$\Delta \ell^{(4)} = -1 \text{ mm}$$

$$\Delta \ell^{(5)} = -4 \text{ mm}$$

$$\Delta \ell^{(6)} = -3 \text{ mm}$$

$$\Delta \ell^{(7)} = +2 \text{ mm}$$

[Toelichting:](#)

$$N^{(1)} = +70\sqrt{2} \text{ kN}$$

$$N^{(2)} = -70 \text{ kN}$$

$$N^{(3)} = +70 \text{ kN}$$

$$N^{(4)} = -70 \text{ kN}$$

$$N^{(5)} = -140\sqrt{2} \text{ kN}$$

$$N^{(6)} = -210 \text{ kN}$$

$$N^{(7)} = +140 \text{ kN}$$