

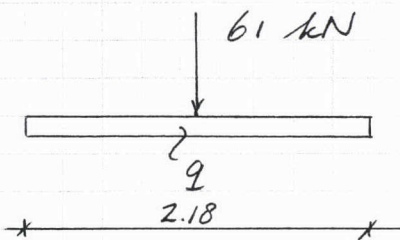
VP constructeurs BV

Blad no.: 22

Project no.: _____

Contrabalk.

Plastische rekenmethode.



$$q = \frac{61}{2.18} = 28.0 \text{ kN/m}$$

$$M = \frac{1}{2} \cdot 28.0 \cdot \left(\frac{1}{2} \cdot 2.18\right)^2 = 16.6 \text{ kNm}$$

$$W_{ben} = \frac{16.6 \cdot 10^6}{235} = 70.6 \cdot 10^3 \text{ mm}^3$$

Toepassen: HE160A $W = 220.1 \cdot 10^3 \text{ mm}^3$