



Constructie-Advies Hegeman

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Werknummer Blad

1681-L3.18 A3a

Zieblad - A1a & A2a :

$$M_{dmax} = 6056 / -1559 \text{ Cmm}$$

$$F_d = \frac{6056}{43.1} = 141.14 \text{ Cmm} \rightarrow 36.04 \text{ Cmlbout}$$

$$F_{dud} \text{ M16-8.8} = 0.72 \times 1.00 \times 1.57 \times 80.00 = 90.13 \text{ Cmm} \\ \gg 36.04 \text{ Cmm}$$

$$e_1 = \frac{f_0 - 10}{2} = 30.00 \text{ mm}$$

$$e_2 = \frac{f_5 - 6.20}{2} = 34.10 \text{ mm}$$

$$M_{sd} \text{ verdicht} = 36.04 \times 3.11 = 123.98 \text{ Cmm}$$

$$b_{eff} = 50.00 + 30.00 + 34.10 = 114.10 \text{ mm}$$

$$W_{pl} \text{ verdicht} = \frac{1}{12} \times 11.11 \times 1.50^2 = 6.13 \text{ cm}^3$$

$$\sigma = \frac{123.98}{6.13} = 19.28 \text{ Cmlcm}^2 \\ \leq 23.50 \text{ "}$$