



Constructie-Advies Hegeman

Bureau voor Bouw-Techniek

Jupiter 29
7071 TN Ulft

E-mail : athhegeman@planet.nl
Internet : www.athhegeman.nl

Kvk-Arnhem nr : 09 140 722
BTW-nr : NL 116 756 962 B01

IBAN : NL91 INGB 0004 3822 97
BIC : INGBNL2A

Telefoon : 0315 - 630 875
Mobiel : 06 - 228 809 01

Datum 16-03-2018

Werknummer Blad
1673.34.18 A5a

$$L_{va} = M_{20} - L_6 = 0.24 \times 20 \times \frac{L_{00}}{\sqrt{15}} = 1.96 \text{ mm}$$

$$L_{vr} = \frac{11.98}{2.15 \times 40.00} \times 1.96 = 278 \text{ mm} \leq 265 \text{ mm} = 350-85$$

$$\tau_{flens} = \frac{1003}{(15.20 - 0.90)} = 70.1 \text{ GPa}$$

$$\Delta \Delta G \quad G_{\perp} = \tau_{\perp} = \frac{\frac{1}{2} \sqrt{2} \times 70.1}{2 \times 16.00 \times 0.60} = 2.58 \text{ GPa/cm}^2$$

$$G_d = 0.70 \times \sqrt{4 \times 2.58^2} = 3.61 \text{ GPa/cm}^2 \leq 23.50 \text{ "}$$