

$$M_{BC} = \frac{7629 \times 3,67^2}{12} = \underline{\underline{8580 \text{ kgm}}}$$

$$M_{CB} = -8580 \text{ kgm}$$

Cross

		B	
AB	BA	BC	CB
	58%	42%	
+16730	-16730	+8580	-8580
+2365	+4730	+3420	+1710
+19095	-12000	+12000	-6870

$$T_A = +7629 \times 5,13 \times \frac{1}{2} + \frac{19095}{5,13} - \frac{12000}{5,13} = 20970 \text{ kg}$$

$$T_{BL} = +7629 \times 5,13 \times \frac{1}{2} - \frac{19095}{5,13} + \frac{12000}{5,13} = 18230 \text{ kg}$$

$$T_{BR} = 7629 \times 3,67 \times \frac{1}{2} + \frac{12000}{3,67} - \frac{6870}{3,67} = 15395 \text{ kg}$$

$$T_{CR} = 7629 \times 3,67 \times \frac{1}{2} - \frac{12000}{3,67} + \frac{6870}{3,67} = 12605 \text{ kg}$$

Stevnpunt A

$$M_A = 19095 \text{ kgm}$$

$$Q_v = 40$$

$$b = 50 \text{ cm}$$

$$K = 225$$

$$h = 60 \text{ cm}$$

$$K = 0,307 ; \omega = 0,522 ; A = 15,65 \text{ cm}^2$$

$$\text{toegepast } 2\Phi 14 + 5\Phi 18 ; A = 15,78 \text{ cm}^2$$