

Opmerkingen: Zie §5.3, blz. 159 t/m 163

Antwoorden: Alle krachten in kN

Van de verbindingskrachten in scharnier S zijn
alleen de waarden (zonder richting) vermeld

1. $A_h = 3$ (→); $A_v = 4$ (↑); $B_h = 3$ (←); $B_v = 8$ (↑)
 $S_h = 3$; $S_v = 4$
2. $A_h = A_v = 0$; $B_h = 6$ (←); $B_v = 12$ (↑)
 $S_h = 6$; $S_v = 0$
3. $A_h = 3$ (←); $A_v = 10$ (↑); $B_h = 9$ (←); $B_v = 14$ (↑)
 $S_h = 6$; $S_v = 2$
4. $A_h = 9$ (→); $A_v = 18$ (↑); $B_h = 9$ (←); $B_v = 6$ (↑)
 $S_h = 9$; $S_v = 6$
5. $A_h = 6$ (→); $A_v = 16$ (↑); $B_h = 6$ (←); $B_v = 0$
 $S_h = 6$; $S_v = 0$
6. $A_h = 3$ (←); $A_v = 2$ (↓); $B_h = 5$ (←); $B_v = 2$ (↑)
 $S_h = 3$; $S_v = 2$
7. $A_h = 30$ (←); $A_v = 10$ (↓); $B_h = 10$ (←); $B_v = 10$ (↑)
 $S_h = 10$; $S_v = 10$
8. $A_h = 30$ (→); $A_v = 30$ (↑); $B_h = 30$ (←); $B_v = 50$ (↑)
 $S_h = 30$; $S_v = 30$
9. $A_h = 35$ (←); $A_v = 30$ (↓); $B_h = 25$ (←); $B_v = 30$ (↑)
 $S_h = 5$; $S_v = 30$