



$$\sum F_x = 0$$

$$\sum F_y = 0$$

$$\sum M_A = 0$$

$$\sum M_B = 0$$

$$\sum M_C = 0$$

$$\sum F_x = 0 : H_A - H_B + (5 \times 7) - (5 \times 7) = 0 \rightarrow -13 - H_B = 0$$

$$H_A - H_B = 0 \quad H_B = -13 \text{ kN} //$$

$$\sum F_y = 0 : V_A + V_B - 25 = 0 \rightarrow V_A + 12,5 = 25$$

$$V_A + V_B = 25 \quad V_A = 12,5 \text{ kN} //$$

$$\sum M_A = 0 : (5 \times 7 \times 3,5) + (25 \times 2,5) - (5 \times 7 \times 2,5) - V_B \times 5 = 0$$

$$5V_B = 62,5$$

$$V_B = 12,5 \text{ kN} //$$

$$\sum M_C = 0 : V_A \times 2,5 - H_A \times 7 - (5 \times 7 \times 3,5) = 0$$

$$12,5 \times 2,5 - 7H_A - 122,5 = 0$$

$$H_A = -13 \text{ kN} //$$