

$$R = 80 \text{ kN}$$

$$F_x = 63.64 \text{ kN}$$

$$F_y = 63.64 \text{ kN}$$

$$F_D = \frac{1}{2} \times 2 \text{ m} \times 30 \text{ kN/m} = 30 \text{ kN}$$

