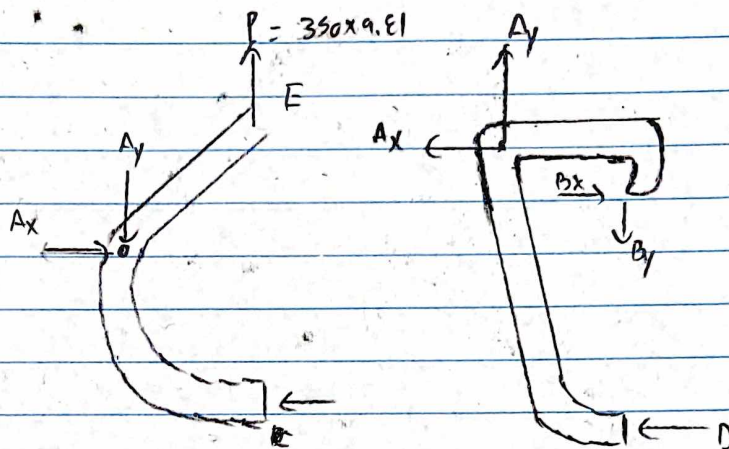


Solution: 21-5-66-MK-11



Member EAC

$$\sum M_A = (350)(9.81) \cos(28.5)(575) - C(30\text{mm} + 45\text{mm}) \rightarrow C = 15087\text{N}$$

$$\sum F_y = -A_y + P \rightarrow A_y = 3433.5\text{ N}$$

$$\sum F_x = -C + A_x \rightarrow A_x = 15087\text{ N}$$

Member DAB

$$\sum M_B = -D(370) - A_y(90) + A_x(55) \rightarrow D = 1240.0\text{ N}$$