

Y_{02}/F_{0A} deve essere $< 102, \dots$

$$F_d = C \cdot \Delta L \quad \text{COME SCEGLIERE LO SPOSTAMENTO?}$$

Prendiamo come esempio del punto 5 la massa $M_A = 800$.

$$F_{MA} = 800 \cdot 9,81 = 7848 \text{ N}$$

Fatto una proporzione

$$\underbrace{F_{0A}}_{200} : \underbrace{D_{2,y}}_{7848} = \underbrace{F_{0A}}_{X} : \underbrace{D_{2,y}}_{7848} \Rightarrow X = 1569600 \text{ N}$$

$\hookrightarrow \boxed{1569,6 \text{ kN}}$

Serve un ampie con supporto max forza $\geq 1569,6 \text{ kN}$

Del filo TENDI, calzo ampie pg 10 - TSTO $2000 / \pm 50$
[kN] [mm]

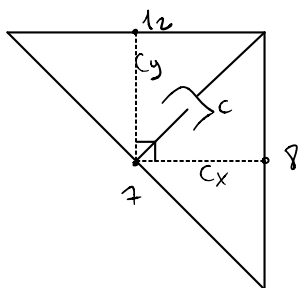
ALLORA

$$F_d = C \cdot \Delta L \quad \left. \begin{array}{l} F_d = 2000 \cdot 10^3 \text{ N} \\ C = ? \\ \text{Se inteso } 50 \text{ mm Hz} \Rightarrow 50 \frac{\text{mm}}{\text{s}} \Rightarrow \Delta L = 50 \cdot 10^{-3} \frac{\text{m}}{\text{s}} \end{array} \right\} \Rightarrow C = \frac{F_d}{\Delta L} = \frac{2000 \cdot 10^3}{50 \cdot 10^{-3}} = 4 \times 10^7 \frac{\text{N}}{\text{m}}$$

$[N] = \left[\frac{N}{\frac{m}{s}} \right] \cdot \left[\frac{m}{s} \right]$

Mi servono le componenti c_x e c_y .

(dalle gm)



$$\left. \begin{array}{l} c_x = C \cos(45) \\ c_y = C \sin(45) \end{array} \right\} c_x = c_y = 4 \times 10^7 \cdot \frac{\sqrt{2}}{2} = 28284271,25$$