$Wo^2 = 2\alpha\emptyset$

$\emptyset = Wo^2 / 2\alpha$

$\emptyset = (200 rev/min)^2 / 2*40 rev/min^2$

$\emptyset 3 = 500 rev$

2da Etapa

Wo = 200 rev/min

$\alpha = 0 rev/min^2$

$\emptyset 2 = ¿?$

t2 =¿?

$\emptyset t = \emptyset 1 + \emptyset 2 + \emptyset 3$

3100 rev = 10 rev + $\emptyset 2$ + 500 rev

$\emptyset 2 = 3100 rev - 510 rev$

$\emptyset 2 = 2590 rev$

$\emptyset = \emptyset o + Wo*t - \frac{1}{2}\alpha t^2$

$\emptyset = Wo*t$

t2 = 2590 rev / 200 rev/min

t2= 12.95 min

t = t1 + t2 + t3

t = 0.1 min + 12.95 min + 5 min

t = 18.05 min