Un motor gira al ralentí a 1000 rpm.

La frequència en
$$v = 1000 \frac{\text{voltes}}{\text{min}} \cdot \frac{1 \text{ minot}}{60 \text{ s}} = 16.6 \text{ Hz}$$

La frequencia angular:

$$W = 2\pi v = 2\pi.16.6 = 104.7 \frac{r_{2d}}{s}$$

El període:

$$T = \frac{1}{2} =$$

$$S: \omega(3s) = 3.\omega(0) = 3.104,7 = 314,1 \frac{2d}{s}$$

$$d = \frac{\omega(3s) - \omega(0)}{\Delta t} = \frac{314.1 - 104.7}{8} = 26.18 \frac{c_3 d}{s^2}$$

En 8s haura girat

$$\varphi = \omega_0 t + \frac{1}{2} d t^2 = 104.7.8 + \frac{1}{2} 26.18.8^2 = 1675.2 \text{ rad}$$

El nombre de voltes xrà:

$$N = \frac{9}{2\pi} = \frac{1675.2}{2\pi} = 266 \text{ voltes}$$