$$V = \frac{V_R + V_L}{2}$$

$$V = \frac{V_P + V_L}{2} = V = \frac{2\pi}{60} \cdot r \cdot PPM$$



$$\omega = \frac{V_R - V_L}{2}$$

$$V = \frac{VR + VL}{2}$$

RPM to
$$\omega$$

one revolution = 360°

one minute = 60 s

 $\omega = RPM \cdot 6$

$$\frac{2\pi}{60} \cdot r \cdot RPM = \frac{\left(\frac{2\pi}{60} \cdot r \cdot RPM_R\right) + \left(\frac{2\pi}{60} \cdot r \cdot RPM_L\right)}{2}$$

$$\frac{2\pi}{60} \cdot r \cdot \frac{\omega}{b} = \frac{\left(\frac{2\pi}{60} \cdot r \cdot \frac{\omega_R}{6}\right) + \left(\frac{2\pi}{60} \cdot r \cdot \frac{\omega_L}{6}\right)}{2}$$

$$V = W \times r$$

$$krydsprodukt$$

$$W = \frac{r \times v}{|r|^2}$$

$$\omega = \frac{\sqrt{R - V_L}}{2}$$

$$\omega = \frac{\left(\frac{2\pi}{60} \cdot r \cdot RPM_R\right) - \left(\frac{2\pi}{60} \cdot r \cdot RPM_L\right)}{2}$$

 $\omega = \frac{\left(\frac{2\pi}{60} \cdot r \cdot \frac{\omega_R}{6}\right) - \left(\frac{2\pi}{60} \cdot r \cdot \frac{\omega_L}{6}\right)}{2}$

$$\frac{2\pi}{60} \cdot r \cdot \frac{\omega}{b} = \frac{\left(\frac{2\pi}{60} \cdot r \cdot \frac{\omega_R}{6}\right) + \left(\frac{2\pi}{60} \cdot r \cdot \frac{\omega_L}{6}\right)}{2}$$





