Block diagram:

V_{in} [V] → **Amplificateur** → V_a [V] → **Moteur** → $\omega_M \left[\frac{Rad}{s}\right]$ → **Engrenage** → $\omega_c \left[\frac{Rad}{s}\right]$ → **Tachymètre** → V_T [V] → **Filtre** → V_{out} [V]

$$G_A(s) = 3$$

$$G_M(s) = \frac{43,63}{0,0935s+1}$$

$$G_E(s) = \frac{1}{5}$$

$$G_T(s) = 0,0668$$

$$G_F(s) = \frac{1}{0,03s+1}$$