Block diagram:

$$V_a(s) \longrightarrow \oplus \longrightarrow \boxed{\frac{1}{L_a s + R_a}} \xrightarrow{I_a(s)} \boxed{K_t} \xrightarrow{T_d(s)} \boxed{\frac{1}{Js + B}} \longrightarrow \Omega(s)$$

Feedback: $\boxed{-K_v}$