

$$T_1 = E_{b1} I_{a1} / \omega_1$$
$$= 207,5 * 50 / (2\pi * 1000 / 60) = 99,07 \text{ N.m}$$

$$T_2 = E_{b2} I_{a2} / \omega_2$$
$$= 205 * 60 / (2\pi * 0,8 * 1000 / 60) = 146,82 \text{ N.m}$$