

③

$$i_t = \frac{N_{16/11}}{N_{6/11}} = (-1)^3 = \frac{Z_6}{Z_{9a}} \frac{Z_{9b}}{Z_{11a}} \frac{Z_{11b}}{Z_{16}}$$

$$i_t = - \frac{16}{46} \frac{19}{59} \frac{17}{85}$$

$i_t = 0,0224$

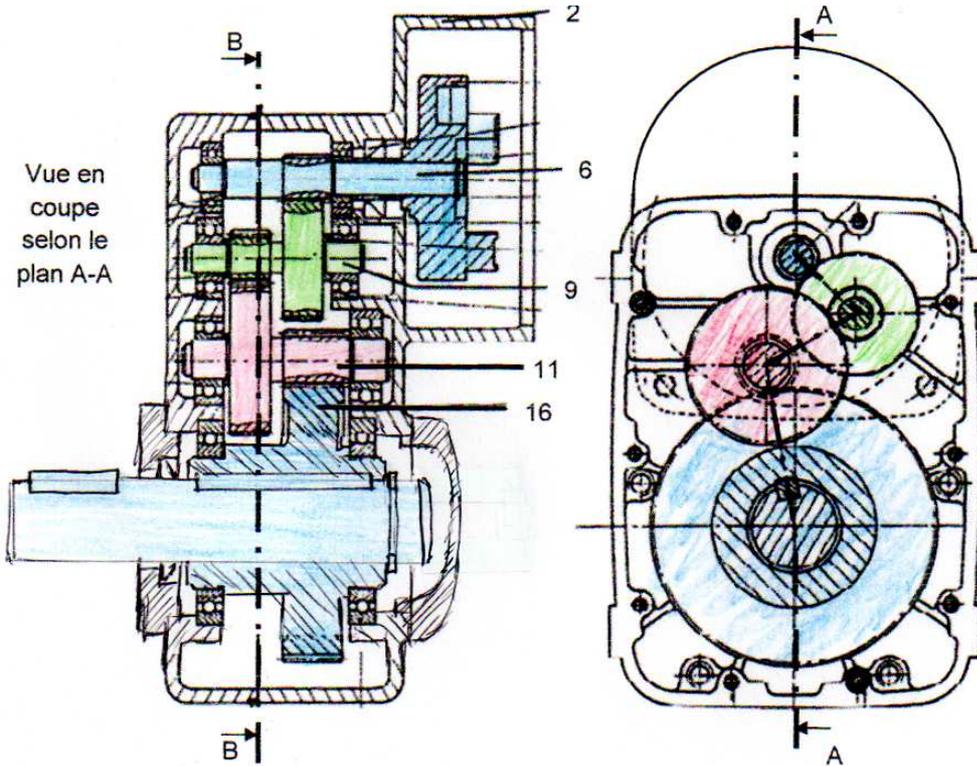
④ Arbre 16 à l'entrée diamètre < autres diamètres car le couple augmente lorsque la vitesse diminue (puissance constante au rendement près).

⑤ 2 roulements rigides à billes → montage en X.

21h44

21244

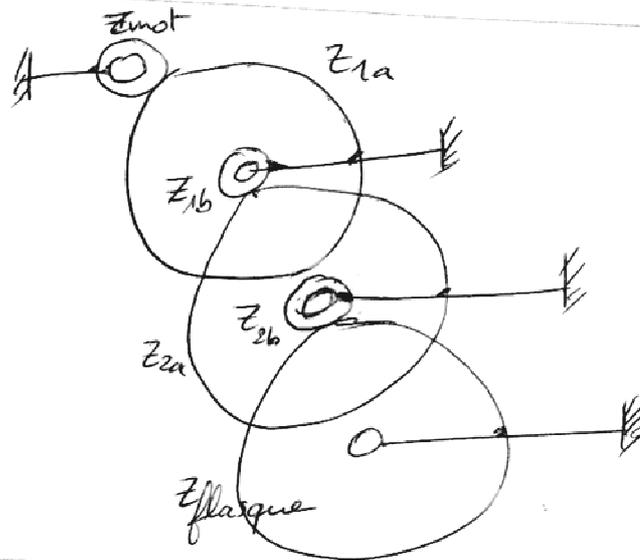
6



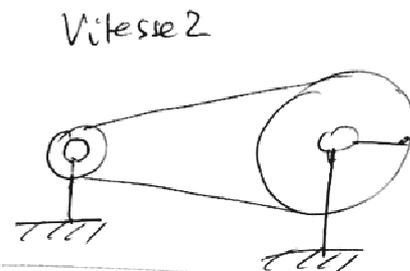
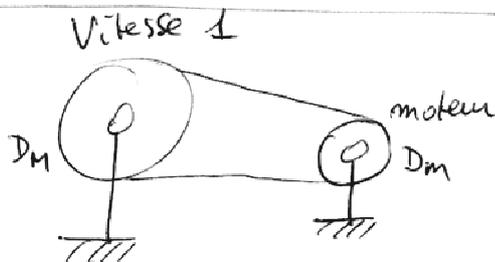
Vue en coupe selon le plan A-A

Vue en coupe selon le plan B-B

7



8



9

$$K_r = - \frac{Z_{mot}}{Z_{1a}} \cdot \frac{Z_{1b}}{Z_{2a}} \cdot \frac{Z_{2b}}{Z_{flaque}}$$

$$K_r = - \frac{12}{80} \cdot \frac{16}{48} \cdot \frac{16}{68} = -0,0118$$

22h00

10

$$K_{v1} = \frac{D_m}{D_1} \quad K_{v1} = 0,5$$

$$K_{v6} = \frac{D_1}{D_m} \quad K_{v6} = 2$$