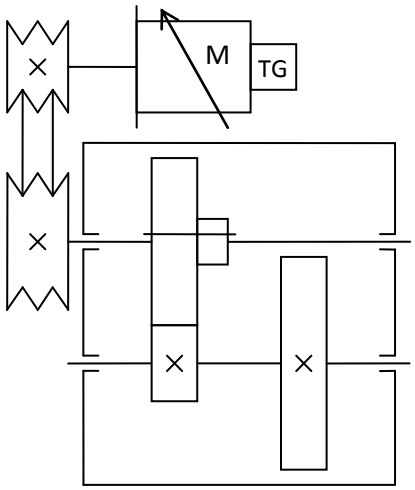
n	**=**	**25-5000**	**[1/min]**
$n_{mot\ min}$	**=**	**120**	**[1/min]**
$n_{mot\ névl}$	**=**	**4000**	**[1/min]**
$n_{mot\ max}$	**=**	**4000**	**[1/min]**



$$Sz_m = \frac{n_{mot\ max}}{n_{mot\ min}} = \frac{4000}{120} = \frac{100}{3} \cong 33.33$$

$$Sz = \frac{n_{max}}{n_{min}} = \frac{5000}{25} = 200$$

$$Sz_f = \frac{Sz}{Sz_m} = \frac{200}{100/3} = 6$$

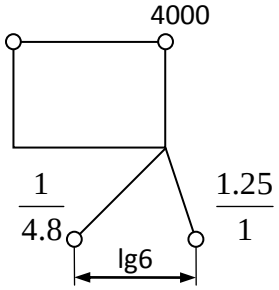
$$Sz_T = \frac{Sz_m}{Sz_f} = \frac{100/3}{6} = \frac{50}{9} \cong 5.55$$

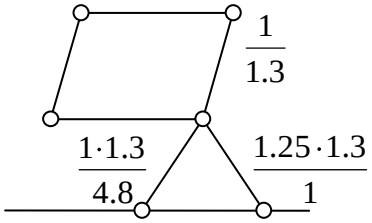
$$Sz_f = \varphi^{z-1} \quad \rightarrow \quad z = \frac{lgSz_f}{lg\,\varphi_{max}} + 1 = \frac{lg6}{lg8} + 1 = 1.86 \cong 2$$

$$\varphi = \sqrt[z-1]{Sz_f} = \sqrt[2-1]{6} = 6$$

$$k_{gy} = \frac{n_{max}}{n_{mot\ max}} = \frac{5000}{4000} = 1.25 = \frac{1.25}{1}$$

$$k_l = \frac{n_{max}}{n_{mot\ min}} = \frac{25}{120} = \frac{5}{24} = \frac{1}{4.8}$$





$$Sz_{mk} = \frac{n_{mot\ névl}}{n_{mot\ min}} = \frac{4000}{120} = \frac{100}{3} \cong 33.33$$

$$n^* = n_{min} \cdot Sz_{mk} = 25 \cdot \frac{100}{3} = \frac{2500}{3} \cong 833.33\frac{1}{p}$$