$T_{m} = 2Nr Bli_{a}cos(\theta)$ $N_{i} = \frac{T_{m}}{2r Bli_{a}cos(\theta)} = \frac{\frac{44}{9.73} T_{max}}{2r Bli_{a}cos\theta} = \frac{\frac{4}{9.73} (1457.4 \text{ Mym})}{2(t_{m}^{2})(2110^{-3}t)(.5 \text{ ph})(1700 \text{ A})cos(0^{\circ})}$

 $N_1 = 100.7$ $N = f.o.s.(N_1) = 1.25(100.7) = 125.9$ N = 126 coils

2 3

Le Correra de la color

. N. 157

7. - 2 = 7

The second