

5. ASZINKRON GÉPEK

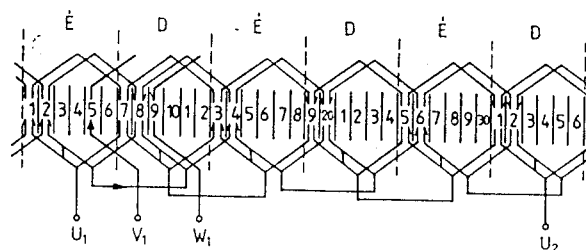
5.1. Háromfázisú aszinkron motorok

$$a) q = \frac{Z}{2 \cdot p \cdot m} = \frac{36}{6 \cdot 3} = 2$$

$$b) \alpha_{geom} = \frac{360^\circ}{36} = 10^\circ$$

$$\alpha_{vill} = p \cdot \alpha_{geom} = 3 \cdot 10^\circ = 30^\circ$$

$$c) Y_n = \frac{Z}{2 \cdot p} = \frac{36}{6} = 6$$



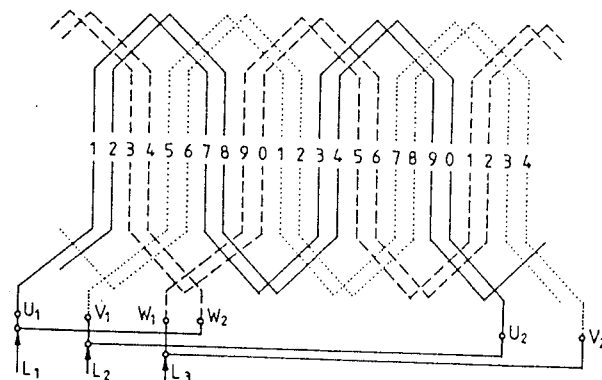
5.1.47. feladat

$q = 2$

$\alpha_{geom} = 10^\circ$

$\alpha_{vill} = 30^\circ$

$$a) q = \frac{Z}{2 \cdot p \cdot m} = \frac{24}{4 \cdot 3} = 2$$



5.1.48. feladat

$$b) \text{ A hornyok távolsága } \alpha_v = p \cdot \frac{360}{Z} = 2 \cdot \frac{360}{24} = 30^\circ$$

$\alpha_v = 30^\circ$