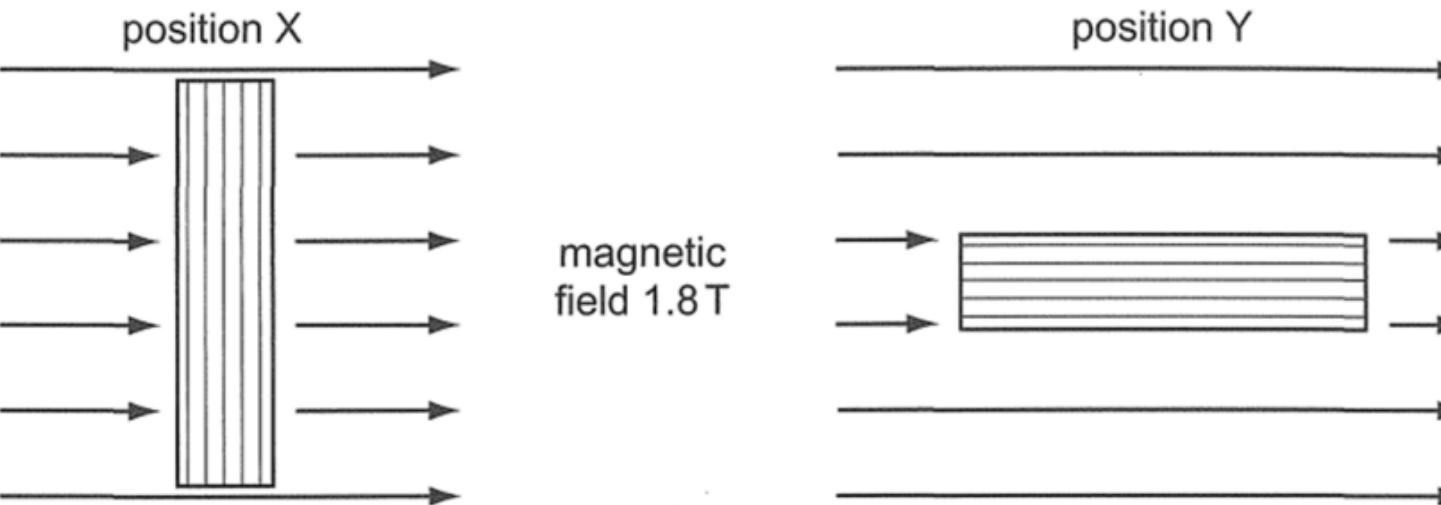


- 31 A circular coil of diameter 0.020 m has 3000 turns. It is rotated in a magnetic field of 1.8 T from position X to position Y in 0.060 s.



What is the average e.m.f. induced in the coil during the rotation?

A 28 V

B 36 V

C 113 V

D 1800 V

- 32 A sinusoidal alternating current has a peak value I_0 .