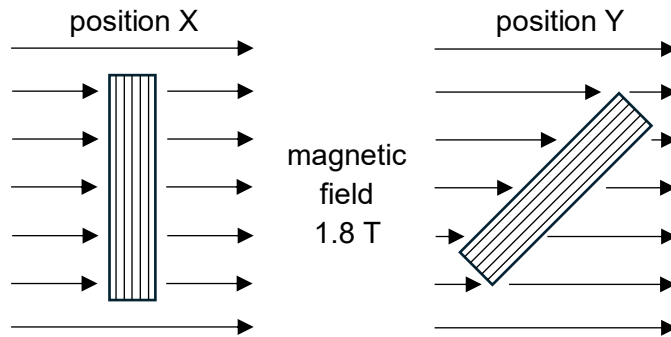


- 23** A circular coil of diameter 0.020 m has 3000 turns. It is rotated at an angle of 45° in a magnetic field of 1.8 T from a position X to position Y in 0.060 s.



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

- A** 8.3 V
- B** 11 V
- C** 33 V
- D** 530 V