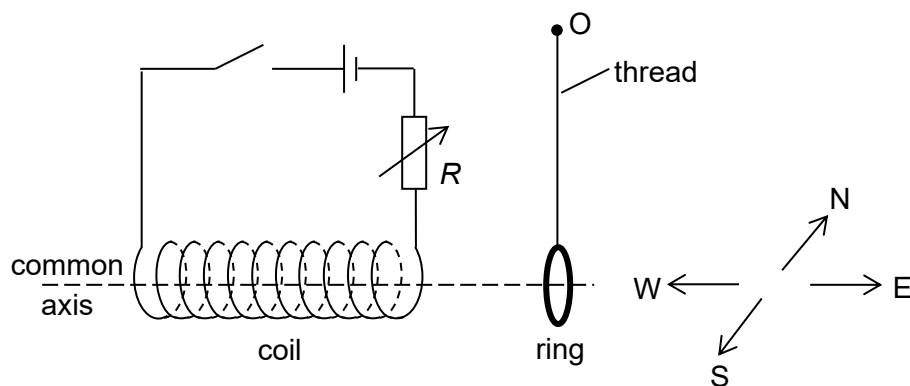


- 26** An aluminium ring hangs vertically from a thread with its axis pointing east-west and is free to swing about point O, as shown in the diagram below. A coil is fixed near to the ring and coaxial with it. With the switch closed, the rheostat R is adjusted to increase the current in the circuit to a maximum.



What will the motion of the aluminium ring be during this time?

- A** swings in the direction of E and remains there.
- B** swings in the direction of W and remains there.
- C** swings in the direction of E then drops back.
- D** swings in the direction of W then drops back.