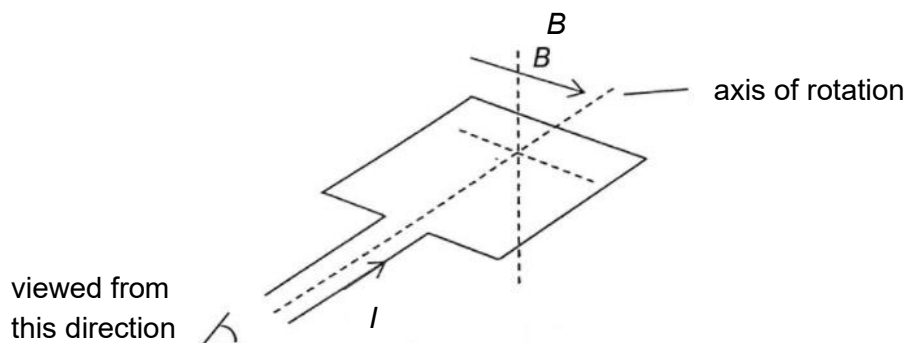


- 26** In an electric motor, current  $I$  passes through a rectangular coil of wire which is in a region of uniform magnetic field  $B$ .



Which of the following describes the rotation of the coil (viewed from the front along the axis of rotation as shown in the figure) through a quarter of a rotation?

	direction of rotation of coil	torque
<b>A</b>	clockwise	decreases
<b>B</b>	clockwise	constant
<b>C</b>	anticlockwise	decreases
<b>D</b>	anticlockwise	constant