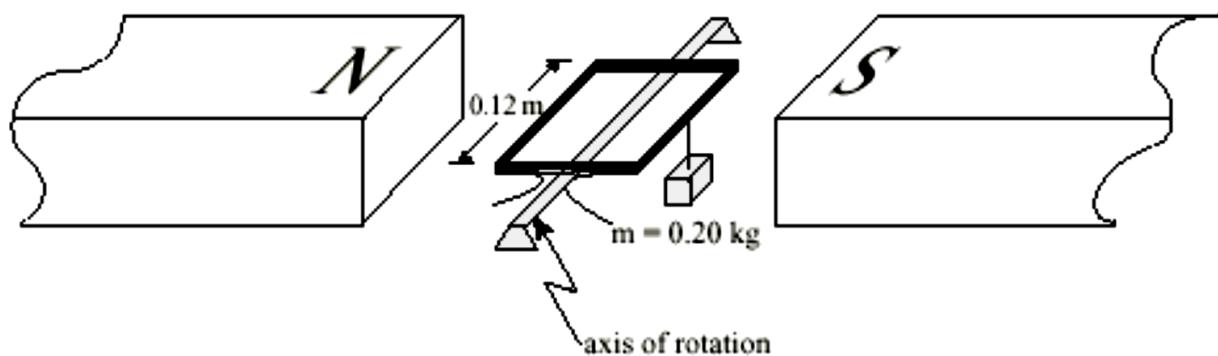


- 23 A 35 loop square coil 0.12 m on a side is positioned in a 0.050 T magnetic field. A 0.20 kg mass is suspended from one side of the coil as shown in the diagram below.



How much current must pass through the coil in order for the coil to remain horizontal?

A    2.3 A

B    4.7 A

C    9.3 A

D    330 A

