

- 25** The force on an electron is 7.3×10^{-16} N when moving at an angle of 23° to a uniform magnetic field of magnetic field strength of 0.084 T.

What is the speed of the electron and what is the shape of the path of the electron?

- A** 1.4×10^5 m s⁻¹ in a helix
- B** 1.4×10^5 m s⁻¹ in a spiral
- C** 2.1×10^4 m s⁻¹ in a helix
- D** 2.1×10^4 m s⁻¹ in a spiral