13 A communication satellite is in a geostationary orbit at a height of 3.59×10^7 m above the equator. The radius of the Earth is 6.40×10^6 m.

How fast is the satellite travelling?

A 0.490 km s^{-1} **B** 2.60 km s^{-1} **C** 3.08 km s^{-1} **D** 186 km s^{-1}