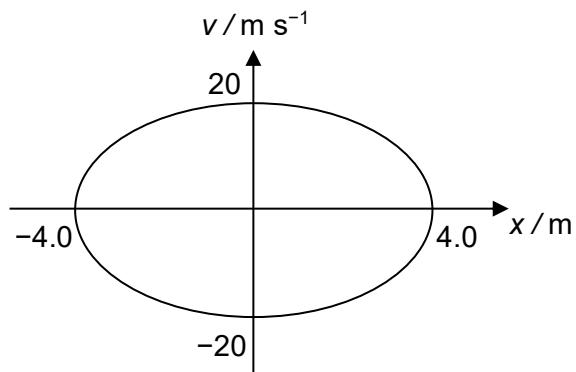


- 10** The diagram shows the variation with displacement x of the velocity v of a body undergoing simple harmonic motion.



What is the time for the body to take to reduce its speed from maximum to zero?

A 0.20 s

B 0.31 s

C 1.3 s

D 4.0 s

