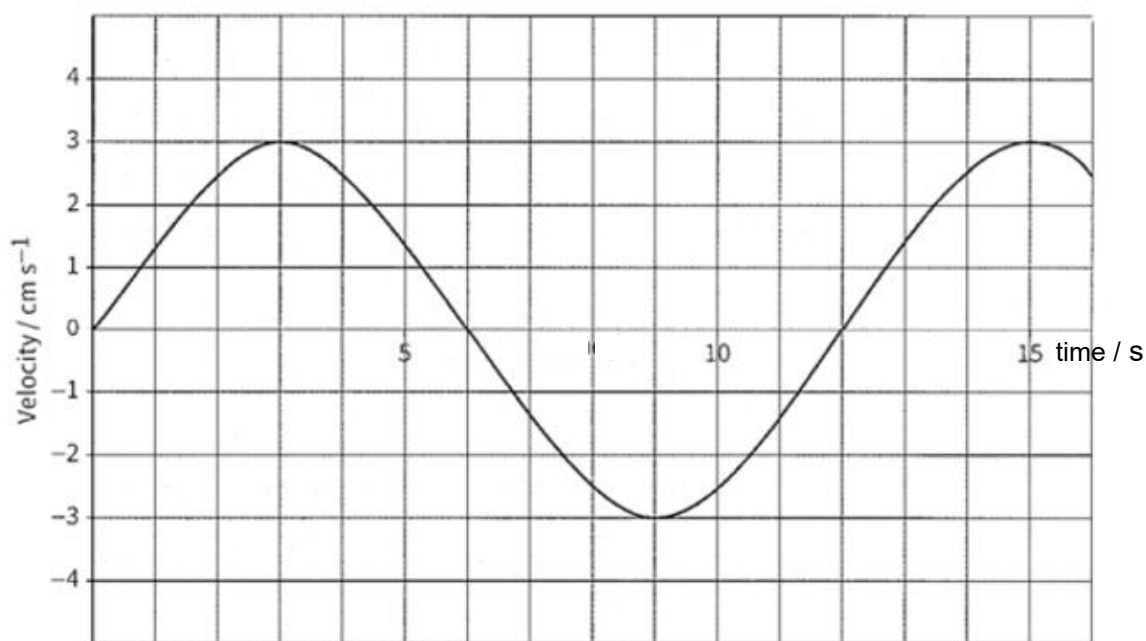


- 14** The graph below shows the variation with time of the velocity of a 3.0 kg mass oscillating in simple harmonic motion.



What is the maximum restoring force acting on the mass as it oscillates?

- A** 0.025 N **B** 0.047 N **C** 0.057 N **D** 0.090 N