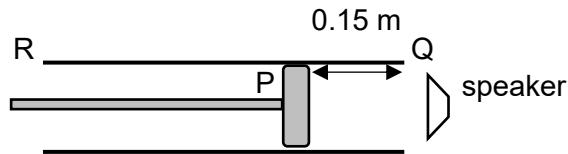


- 16** A sound wave is generated by a speaker placed near the end Q of the tube QR. As the piston P is moved from end Q towards R, a loud sound is first heard when PQ is 0.15 m. The speed of sound is 330 m s^{-1} .



What is the frequency of the sound generated by the speaker?

- A** 200 Hz **B** 550 Hz **C** 1100 Hz **D** 2200 Hz