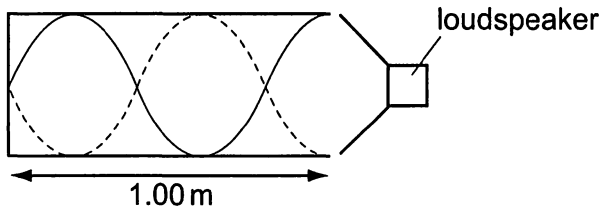


**16** A stationary wave is formed in a closed pipe by means of a loudspeaker close to the open end.

The pipe is 1.00 m in length and the speed of sound is  $330 \text{ m s}^{-1}$ .



What is the driving frequency producing this stationary wave?

**A** 264 Hz

**B** 330 Hz

**C** 413 Hz

**D** 825 Hz