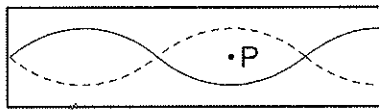


- 20 The diagram represents a longitudinal, stationary sound wave set up in a horizontal tube containing air.



Which statement about a molecule in the air at point P is correct?

- A It oscillates horizontally and experiences fluctuating pressure.
- B It oscillates horizontally and experiences no variation of pressure.
- C It oscillates vertically and experiences fluctuating pressure.
- D It oscillates vertically and experiences no variation of pressure.