

- 9 The capsules in the Singapore Flyer move in a circle of radius 75 m with an average period of 30 minutes.

What is the centripetal acceleration of the capsules?

- A**  $9.1 \times 10^{-4} \text{ m s}^{-2}$       **B**  $0.26 \text{ m s}^{-2}$       **C**  $3.3 \text{ m s}^{-2}$       **D**  $9.8 \text{ m s}^{-2}$

