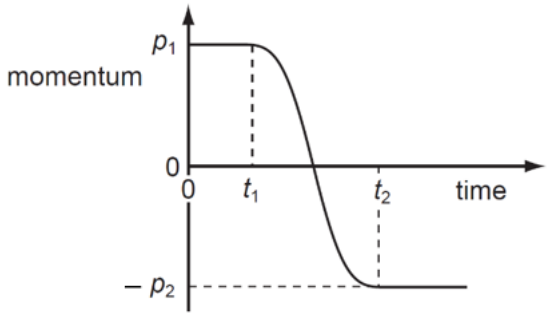
3 The graph shows the variation with time of the momentum of a ball as it is kicked in a straight line.



At time t_1, the momentum is p_1. At time t_2, the momentum is p_2.

What is the magnitude of the average force acting on the ball between times t_1 and t_2?

A $\dfrac{p_1 - p_2}{t_2}$

B $\dfrac{p_1 - p_2}{t_2 - t_1}$

C $\dfrac{p_1 + p_2}{t_2}$

D $\dfrac{p_1 + p_2}{t_2 - t_1}$