

- 16** A model car travels at a constant velocity of  $12 \text{ m s}^{-1}$  in a straight horizontal line. The input power to the engine of the car is  $800 \text{ W}$ . The efficiency of the engine is  $60\%$ .

What is the total horizontal resistive force on the car?

- A** 27 N                      **B** 40 N                      **C** 67 N                      **D** 110 N