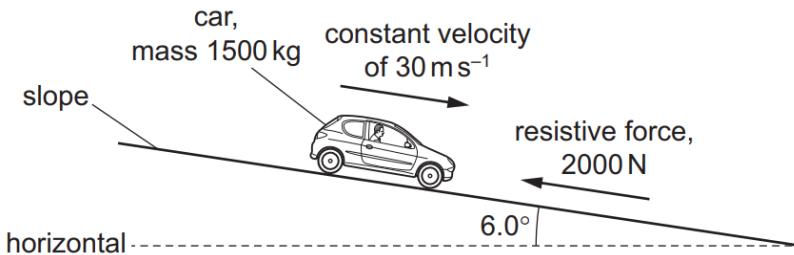


- 9 A car of mass 1500 kg travels at constant velocity of 30 m s^{-1} down a slope. The slope is at an angle of 6.0° to the horizontal, as shown.



The magnitude of the total resistive force acting on the car is 2000 N.

What is the power output of the car's engine?

A 14 kW

B 60 kW

C 110 kW

D 380 kW