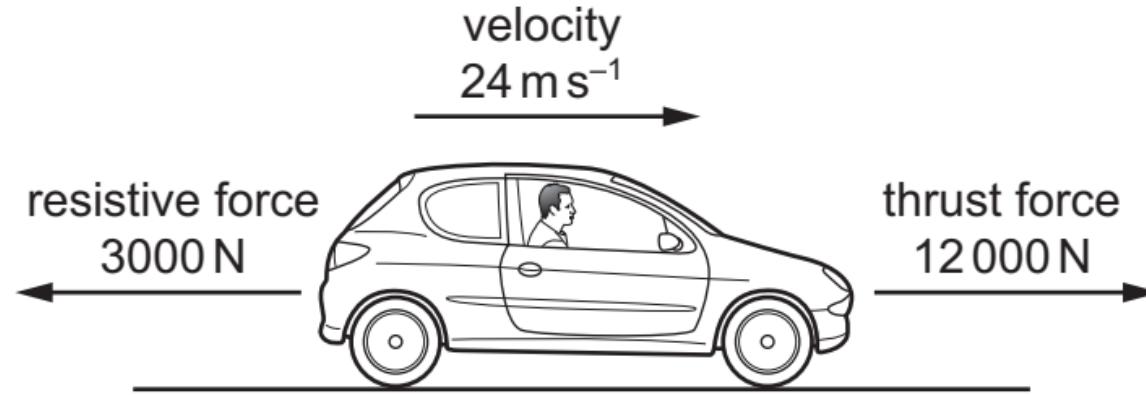


18 A car of weight 15 000 N is travelling along a horizontal road.



At one instant, the thrust force acting on the car from the engine is 12 000 N and the resistive force acting on the car is 3000 N. The velocity of the car at this instant is 24 m s^{-1} .

What is the power output from the engine?

- A** 72 kW
- B** 220 kW
- C** 290 kW
- D** 360 kW