

19 A car engine exerts an average force of 500 N in moving the car 1.0 km in 200 s.

What is the average power developed by the engine?

A 2.5 W

B 2.5 kW

C 100 kW

D 100 MW

20 A mass of gas enclosed in a cylinder by a piston is heated evenly. At the same time, the piston is