

16 A car moves along a horizontal road with a constant velocity v against a resistive force F .

The engine of the car has an efficiency of 25%.

What is the input power to the engine?

A $\frac{Fv}{4.0}$

B $\frac{4.0}{Fv}$

C $4.0Fv$

D $\frac{4.0F}{v}$