

18 The total energy supplied to an electric motor is E . Energy Q is wasted and the remaining energy does useful work.

What is the efficiency of the motor?

A $\frac{Q}{E}$

B $\left(\frac{Q}{E}\right) - 1$

C $1 - \left(\frac{Q}{E}\right)$

D $\frac{(1-Q)}{E}$