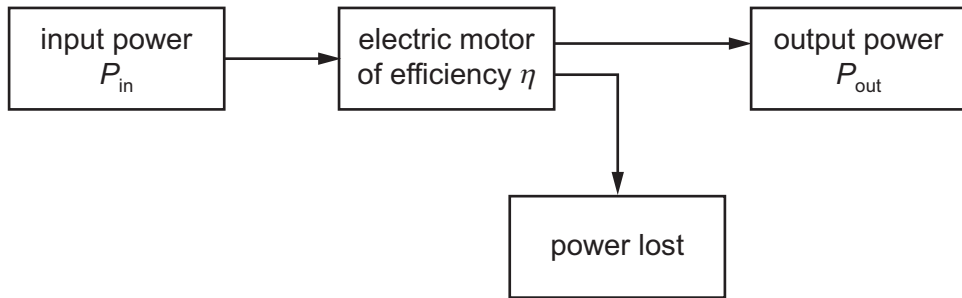


- 16 An electric motor has an input power P_{in} , useful output power P_{out} and efficiency η .



How much power is lost by the motor?

- A** ηP_{in} **B** $\left(\frac{1}{\eta} - 1\right) P_{\text{in}}$ **C** ηP_{out} **D** $\left(\frac{1}{\eta} - 1\right) P_{\text{out}}$

- 17 A shot put champion accelerates a 7.0 kg metal ball in a straight line. The ball moves from rest to