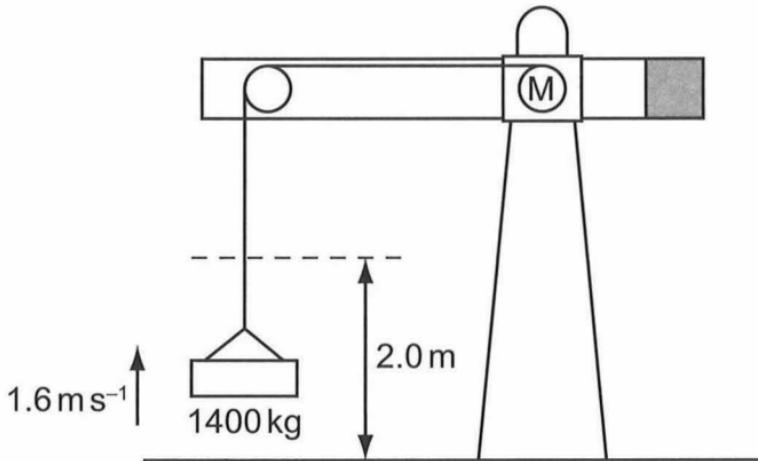


- 9 The motor M in a crane is used to lift a total mass of 1400 kg through a height of 2.0 m at a constant speed of  $1.6 \text{ ms}^{-1}$ . The motor is 20% efficient.



What is the minimum input power to motor M?

- A 11 kW      B 22 kW      C 110 kW      D 140 kW