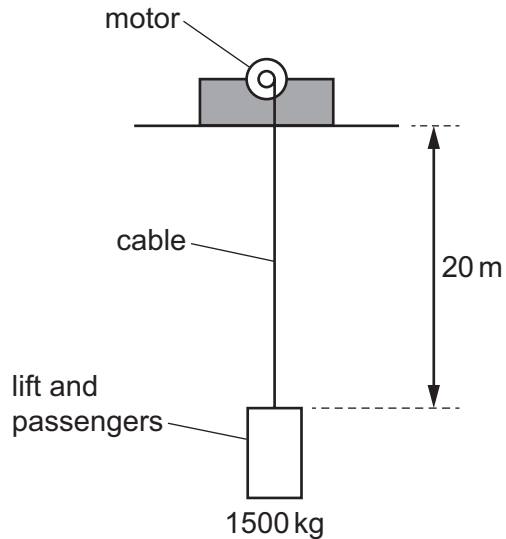


- 15** An electric motor operating a lift has an output power of 20 kW.



The lift and passengers have a combined mass of 1500 kg. The motor raises the lift at constant speed through a distance of 20 m.

How long does it take?

- A** 6 s **B** 15 s **C** 30 s **D** 60 s