

17 The motor of a crane lifts a load of mass 600 kg. The load rises vertically at a constant speed of 12 m per minute.

What is the useful power output of the motor?

A 0.12 kW

B 1.2 kW

C 7.2 kW

D 71 kW

18 The graph shows the effect of applying a force of up to 5.0 N to a spring.