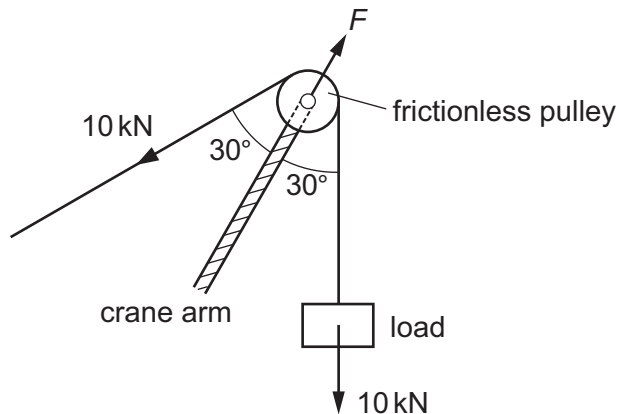


- 2 A crane has an arm to which is attached a frictionless pulley. A cable passes over the pulley and supports a load of 10 kN as shown.



The crane arm exerts a force F on the pulley.

What is the value of F ?

- A** 5.0 kN **B** 8.7 kN **C** 10 kN **D** 17 kN