15 A piston in a gas supply pump has an area of 500 cm^2 and it moves a distance of 30 cm.

The pump moves the gas against a fixed pressure of 4000 Pa.

How much work is done by the piston?

A   60 J   **B** 6.0×10^3 J   **C** 6.0×10^5 J   **D** 6.0×10^7 J