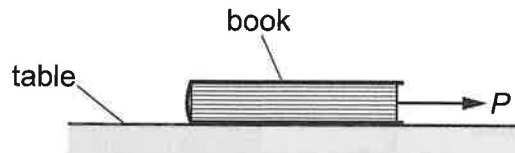


- 6 A book is at rest on a rough table, as shown.



A force P that is gradually increased from 0 N, is applied to the book. The frictional force increases so that it is equal to P until the frictional force reaches its maximum possible value. The frictional force then remains at its maximum value as P continues to increase.

Which graph represents the variation of the acceleration a of the book with the force P ?

