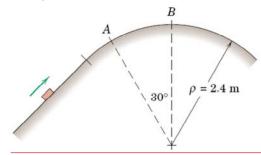
Curvilinear Motion: Exercise 1

A **2-kg** block passes over the **top** B with a **speed** of **3.5** m/s.

Calculate the **normal force** N_B exerted by the path on the block.



Determine the **maximum speed** v which the block can have at A without losing contact with the path.

ME 231: Dynamics