

Problem 2.8

A connecting rod weighing 21.35 N oscillates 53 times in 1 min when suspended as shown in Fig. P2.8. Determine its moment of inertia about its center of gravity, which is located 0.254 m from the point of support.

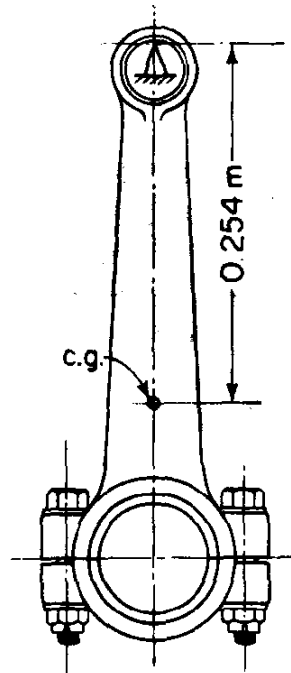


FIGURE P2.8.