2. . A washing machine, starting from rest, accelerates within 3.14 s to a point where it is revolving at a frequency of 2.00 Hz. Its angular acceleration is most nearly: (A) 0.100 rad/s2 (B) 0.637 rad/ s2 (C) 2.00 rad/ s2 (D) 4.00 rad/ s2 (E) 6.28 rad/ s2