Motor Info on the WWW

• Motorola/Freescale – Motors
  http://www.freescale.com/webapp/sps/site/overview.jsp?code=WBT_MOTORPRINTUT_WP&fsrch=1
  – DC motor
  – Brushless DC motor
  – Stepper Motor
• Motorola/Freescale - Motor Control
  http://www.freescale.com/webapp/sps/site/homepage.jsp?code=WBT_MOTORTUT_WP&fsrch=1
  – Phase Angle Control (SCR)
  – Pulse-width-modulation (PWM)

Universal Motor

► Runs off AC or DC power
► Commonly found in household appliances
► Wound like a DC series motor
  ▪ windings on both stator and rotor
  ▪ brushes like a DC motor

Universal Motor

► Nearly equivalent performance on DC or AC up to 60 Hz
► Highest _____________________________ ratio of any AC motor
  ▪ speeds many times _____________ than that of any other 60-Hz motor

Universal Motor from a Blender