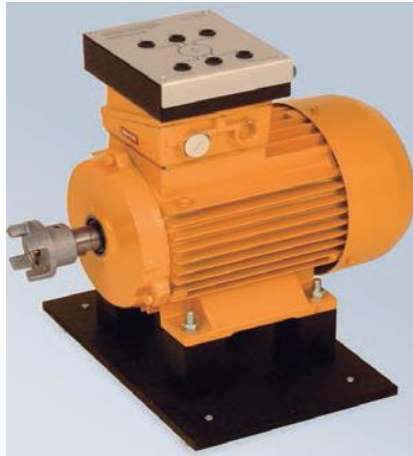


# Electrical Drives 1

## Lab Assignment #1

1- Can you identify the equipment below? Write down the specifications for each elements



2- Take a photo of another 3 types of machines and write down their specs as in part 1. Attach the photos to this sheet

3- Why do d.c. motors run faster when their field flux is reduced?



4- Why large d.c. motors cannot normally be started by applying full voltage?

5- Why does a d.c. motor draws more current from the supply when the load on the shaft is increased