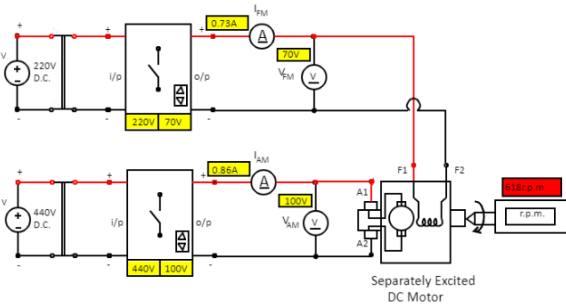


Circuit Diagram: Speed Control of Separately Excited DC Motor



Separately Excited DC Motor Ratings :

Field Voltage (max) = 220V  
 Armature Voltage (max) = 440V  
 Capacity = 5 HP  
 DC Field Current(max) = 2.3 Amp  
 Armature Current(max) = 9.5 Amp  
 Speed = 1500-2000 R.P.M.

Abbreviations:

V<sub>FM</sub> = Separately Excited DC Motor field winding voltage  
 I<sub>FM</sub> = Separately Excited DC Motor field winding current  
 V<sub>AM</sub> = Separately Excited DC Motor Armature voltage  
 I<sub>AM</sub> = Separately Excited DC Motor Armature current

