

4.2 Measurements with compensation

With the motor running push the “IR_Comp_On” button to turn on the IR compensation feature and then repeat the measurements described in the previous section using Table III and Table IV to record the data.

Table III: Data for the case with IR compensation at various loads with speed setting #1

load_duty	IA (amps)	IF (amps)	SPEED (RPM)
0%			
7%			
13%			
20%			
24%			
35%			

Table IV: Data for the case with IR compensation at various loads with speed setting #2

load_duty	IA (amps)	IF (amps)	SPEED (RPM)
0%			
7%			
13%			
20%			
24%			
35%			