

POWER CONSUMPTION OF BRAKES

Model Description				Volt Amps Air Gap, Inches			Power Seated Watts
Series	Phase	Torque	lb-ft	Seated .00	Inrush .05	Inrush .09	
40	1	ALL		18	*41		9
50	1	1.5		12	**198		7
50	1	3		18	**295		10
50	1	6		26	**373		15
60	1	1.5-3-6		26	200	266	16
60	1	10-15		39	280	387	19
60	1	20-25		50	330	447	23
1-70	1	10-15		39	280	387	19
1-70	1	20		50	330	447	23
70	1	10,25		115	980		65
70	1	15, 35, 50, 70,75		140	1220		77
70	3	ALL		80	635		77
80	1	ALL		285	2270		136
80	3	19,25,38,50,57,75		100	805		103
80	3	27,35, 53,70,79,100,102, 105, 125,175		140	1130		140
90	3	ALL		281	2024	2806	

*At .187" air gap

**At .150" air gap

To compute the amperage for a given voltage at 60 Hertz: Divide the Volt Amp rating by the Voltage.

To compute the amperage for a given voltage at other than 60 Hertz: Multiply the voltage by the ratio of 60 over the Hertz and divide the Volt Amp rating by this number.

$$\text{Example: } 190\text{V } 50 \text{ Hz} = 190 \times \frac{60}{50} = 228$$