

THE GRAPH SHOWN BELOW IS PRODUCED WITH THE BRUSH HOLDER SET IN THE NEUTRAL POSITION, IF YOU ROTATE THE HOLDER AS PER INSTRUCTIONS IT IS POSSIBLE TO SET FOR MAXIMUM POWER AND EFFICIENCY FOR 1 DIRECTION ONLY

Motor: 971851 DoB ##### Model 170-127

- 1. Drive Ratio Oposite Pulley Motor 48
- 2. Refer to sheet 1 for further details Pulley Gen 48

Voltage Motor Volts	Current		Power In Watts	Speed		Torque		Power Out Efficiency	
	Volts Shunt	Amps Shunt		Rpm Gen	Rpm Motor	Nm	Kgm	K Watts	%
48.22	7.50	25.00	1.21	3695.00	3695.00	2.20	0.22	0.83	68.76
47.78	20.60	68.67	3.28	3544.00	3544.00	7.60	0.77	2.75	83.71
47.64	24.40	81.33	3.87	3500.00	3500.00	9.10	0.93	3.25	83.82
47.50	27.40	91.33	4.34	3465.00	3465.00	10.30	1.05	3.64	83.89
47.34	30.90	103.00	4.88	3427.00	3427.00	11.80	1.20	4.12	84.57
47.13	35.50	118.33	5.58	3379.00	3379.00	13.60	1.39	4.69	84.02
46.73	43.80	146.00	6.82	3294.00	3294.00	17.00	1.73	5.71	83.70
46.46	48.60	162.00	7.53	3231.00	3231.00	18.80	1.92	6.19	82.30
46.17	53.60	178.67	8.25	3167.00	3167.00	20.30	2.07	6.56	79.47
45.77	58.90	196.33	8.99	3090.00	3090.00	22.20	2.26	7.00	77.84

