

Parameter		Value	Units	Parameter		Value	Units
Knob gain	$K_{knob}$	0.0514	$\frac{Volt}{deg}$	linear motor gain	$K_{m,lin}$	194	$\frac{RPM}{Volt}$
Step input res	$R_s$	$\frac{1}{30E3}$	Ohms	non linear motor gain	$K_m$	224.1	$\frac{RPM}{Volt}$
Feedback res	$R_B$	5E3	Ohms	Deadband Volt	$V_{DB}$	$\pm 1.8$	Volt
OP-AMP res	$R_F$	$\frac{1}{10E3}$	Ohms	Time const.	$T_m$	0.5	Seconds
Power amp gain	$K_a$	-5.2555	Volts	Pulley gear ratio	$K_{pulley}$	9	no units
				Position sensor gain	$K_{pot}$	1.238	$\frac{Volt}{rev}$