

Name	MY SETTINGS	ORIGINAL	
	X Axis POSITION	X Axis TORQUE	
[PE-201] Motor ID	13	13	
[PE-202] Baud Rate Set	0	0	
[PE-203] Encoder Type	0	0	
[PE-204] Encoder Pulse	2500	2500	
[PE-205] CCW TRQ Limit[%]	300	300	
[PE-206] CW TRQ Limit[%]	300	300	
[PE-207] System ID	0	0	
[PE-208] System Group ID	0	0	
[PE-209] Start Menu No.	2	2	
[PE-210] Inertia[gfcms2]	0.33	0.33	
[PE-211] Trq Con[kgfcmm/A]	4.69	4.69	
[PE-212] Phase Ls[mH]	3.66	3.66	
[PE-213] Phase Rs[ohm]	0.82	0.82	
[PE-214] Rated Is[A]	2.89	2.89	
[PE-215] Max Speed[rpm]	5000	5000	
[PE-216] Rated Speed[rpm]	3000	3000	
[PE-217] Pole Number	8	8	
[PE-218] Ias Offset Save	0	0	
[PE-219] Ics Offset Save	0	0	
[PE-220] NOT USED	0	0	
[PE-301] Inertia Ratio	2	2	
[PE-302] Position P Gain	50	50	
[PE-303] Position P Gain2	70	70	
[PE-304] P Feedforward[%]	0	0	
[PE-305] P FF FLT TC[ms]	0	0	
[PE-306] P CMD FLT TC[ms]	0	0	
[PE-307] Speed P Gain	300	300	
[PE-308] Speed P Gain2	400	400	
[PE-309] Speed I TC [ms]	30	30	
[PE-310] Speed I TC2[ms]	25	25	
[PE-311] Speed IN FT[ms]	0	0	
[PE-312] Speed FB FT[ms]	0.5	0.5	
[PE-313] Zero Speed Gain	0	0	
[PE-314] TORQ. CMD FT[ms]	0	0	
[PE-315] DE-RESONANCE	0	0	
[PE-316] Notch Frequency	300	300	
[PE-317] Notch BandWidth	100	100	
[PE-318] Overload Offset	1	1	
[PE-319] Speed P Control	100	100	
[PE-320] Zero Speed Lock	1	0	<p>There are conflicting instruction for this. In the Variable Table for PE-320 it says; "set to [0] when using Op Mode 3&4 in PE-320"</p> <p>But in the Detailed Explanation it says; "when using Op mode 2 or 4, surely set the PE-320 to [0]"</p> <p>Tried Both.</p>
[PE-401] Analog Spd[RPM]	2000	2000	
[PE-402] Speed Offset[mV]	0	0	
[PE-403] SClamp Mode	0	0	
[PE-404] SClamp VOLT[mV]	0	0	
[PE-405] Speed Override	0	0	
[PE-406] Analog Torque	100	100	
[PE-407] Torq Offset[mv]	0	0	
[PE-408] TClamp Mode	0	0	
[PE-409] TClamp VOLT[mV]	0	0	
[PE-410] Monitor Type1	1	1	
[PE-411] Monitor Mode1	0	0	
[PE-412] Monitor Scale1	1	1	
[PE-413] Monitor offset1	0	0	
[PE-414] Monitor Type2	3	3	

[PE-415] Monitor Mode2	0	0	
[PE-416] Monitor Scale2	1	1	
[PE-417] Monitor offset2	0	0	
[PE-418] Torque Com Dir	0	0	
[PE-419] Torque Lim Arm	300	300	
[PE-420] Torque Lim Time	10	10	
[PE-501] InPosition[PLS]	100	100	
[PE-502] Follow ERR[PLS]	90000	90000	
[PE-503] 0 Speed RNG[rpm]	30	30	
[PE-504] Inspeed[rpm]	100	100	
[PE-505] Brake SPD[rpm]	50	50	
[PE-506] Brake Time[ms]	10	10	
[PE-507] PowerFail Mode	1	1	
[PE-508] DB Control	1	1	
[PE-509] Pulse Clear Mode	2	2	
[PE-510] Pulse Out Rate	1	1	
[PE-511] Input Logic	0	0	
[PE-512] Emergency Reset	1	1	
[PE-513] RB Time Set	0.5	0.5	
[PE-514] Dir Select Mode	0	0	
[PE-515] Output Logic	30	30	
[PE-516] PWM OFF DELAY	0	0	
[PE-517] Gain2 Sel Mode	0	0	
[PE-518] TLOUT Sel Mode	0	0	
[PE-519] Zero Spd Gain[%]	50	50	
[PE-520] Gain Conv Mode	0	0	
[PE-601] Operation Mode	2	0	0-torque, 2-Postion
[PE-602] Speed Command1	5000	5000	is used for Speed and Torque mode ONLY.
[PE-603] Speed Command2	5000	5000	
[PE-604] Speed Command3	5000	5000	
[PE-605] Speed Command4	1000	1000	
[PE-606] Speed Command5	1500	1500	
[PE-607] Speed Command6	2000	2000	
[PE-608] Speed Command7	3000	3000	
[PE-609] Accel Time[ms]	500	0	Youtube video says leave 0 but have tried both.
[PE-610] Decel Time[ms]	100	0	
[PE-611] S TYPE Control	0	0	
[PE-612] Test Run Speed0	100	100	
[PE-613] Test Run Speed1	-500	-500	
[PE-614] Test Run Speed2	1000	1000	
[PE-615] Test Run Speed3	-2000	-2000	
[PE-616] Test Run Time0	1	5	
[PE-617] Test Run Time1	1	5	
[PE-618] Test Run Time2	1	5	
[PE-619] Test Run Time3	1	5	
[PE-620] Speed FF Rate	0	0	
[PE-701] Pulse Logic	2	2	2=N-logic or 5=P-logic. Tried both.
[PE-702] Electric gear N0	3000	1000	tried multiple speed here from slow to faster
[PE-703] Electric gear D0	500	1000	
[PE-704] Electric gear N1	1000	1000	
[PE-705] Electric gear D1	2000	2000	
[PE-706] Electric gear N2	1000	1000	
[PE-707] Electric gear D2	3000	3000	
[PE-708] Electric gear N3	1000	1000	
[PE-709] Electric gear D3	4000	4000	
[PE-710] Backlash	0	0	

[PE-711] Elec gear mode	1	0	tried different gear numbers
[PE-712] Elec gear offset	0	0	
[PE-713] Pulse direction	0	0	
[PE-714] Menu Data Lock	0	0	
[PE-715] Pos PI ctrl Sel	0	0	
[PE-716] Pos I TC [ms]	0	0	
[PE-717] Pos Lim Plse Sum	0	0	
[PE-718] ESTOP Mode	0	0	
[PE-719] ABS Multi Turn	0	0	
[PE-720] ABS Single Turn	0	0	