EDU Arm Specs

End link length = 6 Inches
Measured from axle to center of gripper

Center link length = 6 inches
Measured from axle to axle

12 tooth Plastic timing pulley with aluminum fairloc hub

22 tooth plastic timing pulley with aluminum hub and set screw

Pololu Gear motor with 75:1 ratio. The encoder has 48 “ticks” before the gear box. The Stall torque is 85 oz-in @ 2.2 Amps (6V)

Pololu Gear motor with 172:1 ratio. The encoder has 48 “ticks” before the gear box. The Stall torque is 170 oz-in @ 2.2 Amps (6V)

Completed arm weight is 695 grams.
The movable links have a weight of 385 grams. Center + End
The End link has a weight of 130 grams.
The 3D printed plastic only weighs 103 grams.