



Quanser Base with Servo Motor

The Rotary Servo Base Unit is a geared servo-mechanism system. The plant consists of a DC motor in a solid aluminum frame. This DC motor drives the smaller pinion gear through an internal gear box. The pinion gear is fixed to a larger middle gear that rotates on the load shaft. The position of the load shaft can be measured using a high-resolution optical encoder or a potentiometer. The encoder is also used to estimate the speed of the motor. To product is also available as a virtual version: ([click here](#))