



Third cylinder prototype

Material: 6mm plexiglass

Cylinder radius: 160 mm

Distance from center to servo rotation axis: 100 mm

Servo axis length: 50 mm

Cylinder mass: 1745 g
(with batteries and electronics)

Mass mass: 150 g

Mass - servo connection:
2 mm threaded rod

Maths properties

$R = 160 \text{ mm}$

$d = 100 \text{ mm}$

$s = 50 \text{ mm}$

$M = 1745 \text{ g}$

$m = 150 \text{ g}$