

Mass properties of selected components

Coordinate system: Coordinate System5

* Includes the mass properties of one or more hidden components/bodies.

Mass = 1.064217 kilograms

Volume = 0.000144 cubic meters

Surface area = 0.137437 square meters

Center of mass: (meters)

X = -0.017446

Y = 0.000000

Z = -0.034018

Principal axes of inertia and principal moments of inertia: (kilograms * square meters)

Taken at the center of mass.

Ix = (-0.502990, -0.002100, 0.864290) Px = 0.000828

Iy = (0.001271, 0.999994, 0.003169) Py = 0.002223

Iz = (-0.864291, 0.002692, -0.502984) Pz = 0.002392

Moments of inertia: (kilograms * square meters)

Taken at the center of mass and aligned with the output coordinate system.

Lxx = 0.001996 Lxy = 0.000002 Lxz = -0.000680

Lyx = 0.000002 Lyy = 0.002223 Lyz = -0.000002

Lzx = -0.000680 Lzy = -0.000002 Lzz = 0.001223

Moments of inertia: (kilograms * square meters)

Taken at the output coordinate system.

Ixx = 0.003227 Ixy = 0.000002 Ixz = -0.000048

Iyx = 0.000002 Iyy = 0.003778 Iyz = -0.000002

Izx = -0.000048 Izy = -0.000002 Izz = 0.001547