Mass properties of R1_Body_Sim
Configuration: Default
Coordinate system: chassis_frame

Density = 332.68807 kilograms per cubic meter

Mass (user-overridden) = 3.12 kilograms

Volume = 0.00937815 cubic meters

Surface area = 0.29813409 square meters

Center of mass: (meters)
X = -0.00019948
Y = 0
Z = 0.05685679

Principal axes of inertia and principal moments of inertia: (kilograms * square meters)
Taken at the center of mass.
Ix = (1, 0, -5.185e-05) Px = 0.01468727
Iy = (0, 1, 0) Py = 0.04415555
Iz = (5.185e-05, 0, 1) Pz = 0.05241389

Moments of inertia: (kilograms * square meters)
Taken at the center of mass and aligned with the output coordinate system.
Lxx = 0.01468727 Lxy = 0 Lxz = -1.96e-06
Lyx = 0 Lyy = 0.04415555 Lyz = 0
Lzx = -1.96e-06 Lzy = 0 Lzz = 0.05241389

Moments of inertia: (kilograms * square meters)
Taken at the output coordinate system.
Ixx = 0.02477327 Ixy = 0 Ixz = -3.734e-05
Iyx = 0 Iyy = 0.05424168 Iyz = 0
Izx = -3.734e-05 Izy = 0 Izz = 0.05241402