Mass properties of motorR3
Configuration: Default
Coordinate system: -- default --

Mass = 94.827 grams

Volume = 72974.809 cubic millimeters

Surface area = 60993.962 square millimeters

Center of mass: (millimeters)
X = -0.016
Y = 4.205
Z = -0.004

Principal axes of inertia and principal moments of inertia: (grams * square millimeters)
Taken at the center of mass.

Ix = (0.000, 0.001, 1.000)	Px = 24502.259
Iy = (-0.001, -1.000, 0.001)	Py = 131515.424
Iz = (1.000, -0.001, 0.000)	Pz = 135895.377

Moments of inertia: (grams * square millimeters)
Taken at the center of mass and aligned with the output coordinate system.

Lxx = 135895.367	Lxy = 6.402	Lxz = -0.006
Lyx = 6.402	Lyy = 131515.393	Lyz = 65.773
Lzx = -0.006	Lzy = 65.773	Lzz = 24502.299

Moments of inertia: (grams * square millimeters)
Taken at the output coordinate system.

Ixx = 137571.766	Ixy = 0.000	Ixz = 0.000
Iyx = 0.000	Iyy = 131515.419	Iyz = 64.336
Izx = 0.000	Izy = 64.336	Izz = 26178.721

One or more components have overridden mass properties:
Bevel gear new<2><R3 Sides>
Side Plate<1><Default>
Side Shaft<1><Default>
Side Shaft<2><Default>
Bevel gear new<3><R3 Sides>
Top Plate<1><Default>
Side Plate<3><Default>