Mass properties of motorT3
Configuration: Default
Coordinate system: -- default --

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

Mass = 447.767 grams

Volume = 283878.110 cubic millimeters

Surface area = 164920.123 square millimeters

Center of mass: (millimeters)
X = 0.000
Y = 89.470
Z = 0.001

Principal axes of inertia and principal moments of inertia: (grams * square millimeters)
Taken at the center of mass.
Ix = (0.000, 1.000, 0.000) Px = 402346.315
Iy = (0.000, 0.000, 1.000) Py = 755012.892
Iz = (1.000, 0.000, 0.000) Pz = 1042926.641

Moments of inertia: (grams * square millimeters)
Taken at the center of mass and aligned with the output coordinate system.
Lxx = 1042926.641 Lxy = -0.034 Lxz = -0.035
Lyx = -0.034 Lyy = 402346.315 Lyz = 0.691
Lzx = -0.035 Lzy = 0.691 Lzz = 755012.892

Moments of inertia: (grams * square millimeters)
Taken at the output coordinate system.
Ixx = 4627240.956 Ixy = 0.014 Ixz = -0.035
Iyx = 0.014 Iyy = 402346.315 Iyz = 24.479
Izx = -0.035 Izy = 24.479 Izz = 4339327.206

One or more components have overridden mass properties:
BLDC<1><Tiger Motor MN 3508-20 580kV>
EncoderAMT102<1><Default>
MainArm<1><Encoder on Input>
EncoderAMT102<2><Default>
3P 80T 6W GT Pulley<1><Mid>
BLDC<3><Tiger Motor MN 3508-20 580kV>