Mass properties of motorT1
    Configuration: Default
    Coordinate system: -- default --

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

Mass = 4848.586 grams

Volume = 1728994.196 cubic millimeters

Surface area = 392194.865 square millimeters

Center of mass: (millimeters)
        X = -125.167
        Y = 70.647
        Z = 1.607

Principal axes of inertia and principal moments of inertia: (grams * square millimeters)
Taken at the center of mass.
        Ix = (0.834, -0.551, -0.008)   Px = 13572532.872
        Iy = (0.551, 0.834, -0.024)   Py = 13696617.349
        Iz = (0.020, 0.015, 1.000)   Pz = 19565969.307

Moments of inertia: (grams * square millimeters)
Taken at the center of mass and aligned with the output coordinate system.
        Lxx = 13612621.966 Lxy = -58886.016   Lxz = -18161.319
        Lyx = -58886.016   Lyy = 13660273.944 Lyz = -89769.373
        Lzx = -18161.319   Lzy = -89769.373   Lzz = 19562223.617

Moments of inertia: (grams * square millimeters)
Taken at the output coordinate system.
        Ixx = 37824770.728 Ixy = -42933472.107 Ixz = -1093687.207
        Iyx = -42933472.107 Iyy = 89633915.700 Iyz = 460844.839
        Izx = -1093687.207   Izy = 460844.839   Izz = 19722957.874

One or more components have overridden mass properties:
        NEMA34<1><7.07 Nm>
        motorT1Arm<1><Default>
        NEMA23<1><2.83 Nm>