

Mass properties of motorR2 v2
Configuration: Default
Coordinate system: -- default --

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

Mass = 659.835 grams

Volume = 392170.864 cubic millimeters

Surface area = 193188.140 square millimeters

Center of mass: (millimeters)

X = 1.885

Y = 9.814

Z = -0.001

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

Ix = (0.023, 1.000, 0.000) Px = 512410.499

Iy = (0.000, 0.000, 1.000) Py = 697721.565

Iz = (1.000, -0.023, 0.000) Pz = 792217.588

Moments of inertia: (grams * square millimeters)

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

Lxx = 792075.684 Lxy = 6299.651 Lxz = -0.895

lyx = 6299.651 lyy = 512552.403 lyz = -2.441

Lzx = -0.895 Lzy = -2.441 Lzz = 697721.565

Moments of inertia: (grams * square millimeters)

Taken at the output coordinate system.

lxx = 855630.771 lxy = 18508.874 lxx = -1.732

lyx = 18508.874 lyy = 514897.851 lyz = -6.794

lzx = -1.732 lzy = -6.794 lzz = 763622.099

One or more components have overridden mass properties:

3P 80T 6W GT Pulley<1><Side>

motorR2 Shell v2<1><Default>

3P 80T 6W GT Pulley<4><Side>