

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

Mass = 158172.65 grams

Volume = 20128868.43 cubic millimeters

Surface area = 2056108.00 square millimeters

Center of mass: (millimeters)

X = -87.56

Y = 372.19

Z = 763.37

Principal axes of inertia and principal moments of inertia: (grams * square millimeters)

taken at the center of mass.

Ix = (0.85, 0.20, -0.49)

Px = 3543533571.87

Iy = (-0.52, 0.19, -0.83)

Py = 54606179360.71

Iz = (-0.07, 0.96, 0.27)

Pz = 56707956257.54

Moments of inertia: (grams * square millimeters)

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

Lxx = 17596681759.72

Lxy = 8802618652.34

Lxz = -21051939355.24

lyx = 8802618652.34

lyy = 54520203090.71

lyz = -5475986941.57

Lzx = -21051939355.24

Lzy = -5475986941.57

Lzz = 42740784339.69

Moments of inertia: (grams * square millimeters)

taken at the output coordinate system.

lxx = 131680450052.81

lxy = 3647791749.80

lxz = -31624704602.07

lyx = 3647791749.80

lyy = 147906075383.01

lyz = 39463672277.64

lzx = -31624704602.07

lzy = 39463672277.64

lzz = 65864189375.29