

Mass properties of Basic design
Configuration: Default
Coordinate system: -- default --

Density = 0.00 grams per cubic millimeter

Mass = 158998.29 grams

Volume = 155880672.65 cubic millimeters

Surface area = 2169203.53 square millimeters

Center of mass: (millimeters)

X = -250.00

Y = 73.88

Z = 236.46

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

Taken at the center of mass.

Ix = (0.00, 0.97, -0.24)

Px = 6896469760.71

Iy = (-1.00, 0.00, 0.00)

Py = 9929242547.16

Iz = (0.00, 0.24, 0.97)

Pz = 10192517452.30

Moments of inertia: (grams * square millimeters)

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

Lxx = 9929242547.16

Lxy = 0.00

Lxz = 0.00

Lyx = 0.00

Lyy = 7079629375.41

Lyz = -755086339.95

Lzx = 0.00

Lzy = -755086339.95

Lzz = 10009357837.59

Moments of inertia: (grams * square millimeters)

Taken at the output coordinate system.

Ixx = 19687326417.46

Ixy = -2936648396.47

Ixz = -9399255788.81

Iyx = -2936648396.47

Iyy = 25907282553.23

Iyz = 2022534487.76

Izx = -9399255788.81

Izy = 2022534487.76

Izz = 20814574292.70