

Mass properties of Protector
Configuration: Predeterminado
Coordinate system: -- default --

Density = 0.01 grams per cubic millimeter

Mass = 107.25 grams

Volume = 141954.67 cubic millimeters

Surface area = 46141.14 square millimeters

Center of mass: (millimeters)

X = 0.00

Y = 29.59

Z = 9.87

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

taken at the center of mass.

Ix = (1.00, 0.00, 0.00) Px = 1308864.67

Iy = (0.00, -0.07, -1.00) Py = 1708368.22

Iz = (0.00, 1.00, -0.07) Pz = 2270849.30

Moments of inertia: (grams * square millimeters)

taken at the center of mass and aligned with the output coordinate system. (Using positive tensor notation.)

Lxx = 1308864.67 Lxy = 0.00Lxz = 0.00

Lyx = 0.00 Lyy = 2268357.32 Lyz = 37356.16

Lzx = 0.00Lzy = 37356.16 Lzz = 1710860.21

Moments of inertia: (grams * square millimeters)

taken at the output coordinate system. (Using positive tensor notation.)

lxx = 2386447.71 lxy = 0.00 lxz = 0.00

lyx = 0.00 lyy = 2376270.08 lyz = 360836.91

lzx = 0.00 lzy = 360836.91 lzz = 2680530.48