

Mass properties of front
Configuration: Default
Coordinate system: Coordinate System2

Mass = 128.96 grams

Volume = 128962.28 cubic millimeters

Surface area = 63718.46 square millimeters

Center of mass: (millimeters)

X = 71.80

Y = 0.05

Z = -24.62

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

taken at the center of mass.

Ix = (0.02, -1.00, 0.00)

Px = 241693.35

Iy = (1.00, 0.02, 0.05)

Py = 248487.72

Iz = (-0.05, 0.00, 1.00)

Pz = 407730.30

Moments of inertia: (grams * square millimeters)

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

Lxx = 248906.23

Lxy = -155.98

Lxz = 8184.56

Lyx = -155.98

lyy = 241696.73

lyz = 138.37

Lzx = 8184.56

Lzy = 138.37

Lzz = 407308.40

Moments of inertia: (grams * square millimeters)

taken at the output coordinate system.

lxx = 327047.38

lxy = 314.55

lxz = -219751.03

lyx = 314.55

lyy = 984722.31

lyz = -22.94

lzx = -219751.03

lzy = -22.94

lzz = 1072193.50