

Mass properties of ERP03D\_BASE

Configuration: Default

Coordinate system: -- default --

Density = 6000 kilograms per cubic meter

Mass = 1.171 kilograms

Volume = 0.0002 cubic meters

Surface area = 0.0591 square meters

Center of mass: ( meters )

X = -0.0008

Y = 0.0091

Z = 0

Principal axes of inertia and principal moments of inertia: ( kilograms \* square meters )

Taken at the center of mass.

Ix = ( 0, -0.0001, 1) Px = 0.0016

Iy = ( 1, 0.0058, 0) Py = 0.0016

Iz = (-0.0058, 1, 0.0001) Pz = 0.0028

Moments of inertia: ( kilograms \* square meters )

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

Lxx = 0.0016 Lxy = 0 Lxz = 0

Lyx = 0 Lyy = 0.0028 Lyz = 0

Lzx = 0 Lzy = 0 Lzz = 0.0016

Moments of inertia: ( kilograms \* square meters )

Taken at the output coordinate system.

lxx = 0.0017 lxy = 0 lxz = 0

lyx = 0 lyy = 0.0028 lyz = 0

lzx = 0 lzy = 0 lzz = 0.0017