

Mass properties of Robot v1.7  
Configuration: По умолчанию  
Coordinate system: -- default --

Mass (user-overridden) = 4.6 kilograms

Volume = 0.003 cubic meters

Surface area = 1.835 square meters

Center of mass: ( meters )

X = -0.006

Y = -0.001

Z = 0.152

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

taken at the center of mass.

Ix = (-0.17, 0.027, 0.985) Px = 0.033

Iy = ( 0.803, 0.583, 0.122) Py = 0.062

Iz = (-0.571, 0.812, -0.121) Pz = 0.069

Moments of inertia: ( kilograms \* square meters )

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

Lxx = 0.064 Lxy = 0.003 Lxz = -0.005

lyx = 0.003 lyy = 0.067 lyz = 0.001

Lzx = -0.005 Lzy = 0.001 Lzz = 0.034

Moments of inertia: ( kilograms \* square meters )

taken at the output coordinate system.

Ixx = 0.17 Ixy = 0.003 Ixz = 0.01

Iyx = 0.003 Iyy = 0.173 Iyz = 0.001

Izx = 0.01 Izy = 0.001 Izz = 0.034

Mass Properties have been overridden at the assembly level. Therefore,

any overrides specified at the component level are ignored in

Moment of Inertia calculations. One or more components have

user-overridden mass properties that are being ignored:

Maxon Motor<2><Default>@WheelAssembly v0.3<13><По умолчанию>@Level I v1.7<1><По умолчанию>

Maxon Motor<2><Default>@WheelAssembly v0.3<14><По умолчанию>@Level I v1.7<1><По умолчанию>

Maxon Motor<2><Default>@WheelAssembly v0.3<15><По умолчанию>@Level I v1.7<1><По умолчанию>

Proximity Sensor v153l0x<1><По умолчанию>@Level I v1.7<1><По умолчанию>

Proximity Sensor v153l0x<2><По умолчанию>@Level I v1.7<1><По умолчанию>

Proximity Sensor v153l0x<3><По умолчанию>@Level I v1.7<1><По умолчанию>

Proximity Sensor v153l0x<7><По умолчанию>@Level I v1.7<1><По умолчанию>

Proximity Sensor v153l0x<8><По умолчанию>@Level I v1.7<1><По умолчанию>

Proximity Sensor v153l0x<9><По умолчанию>@Level I v1.7<1><По умолчанию>

Proximity Sensor v153l0x<19><По умолчанию>@Level I v1.7<1><По умолчанию>

Proximity Sensor v153l0x<20><По умолчанию>@Level I v1.7<1><По умолчанию>

Proximity Sensor v153l0x<22><По умолчанию>@Level I v1.7<1><По умолчанию>

Battery Check<1><По умолчанию>@Level III v1.5<1><По умолчанию>

Crossboard 2020<1><По умолчанию>@Level III v1.5<1><По умолчанию>