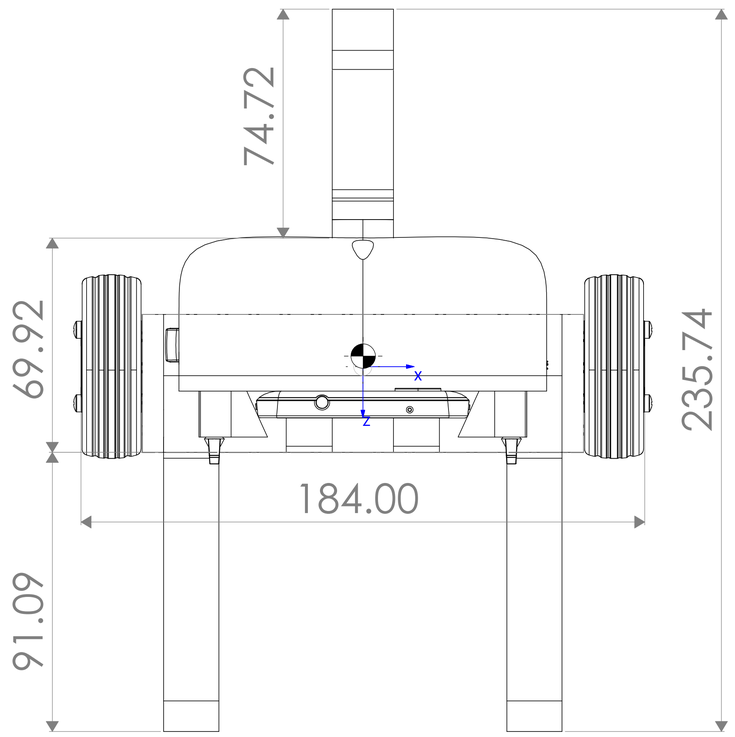


Mass = 635.57 grams

Volume = 549177.53 cubic millimeters

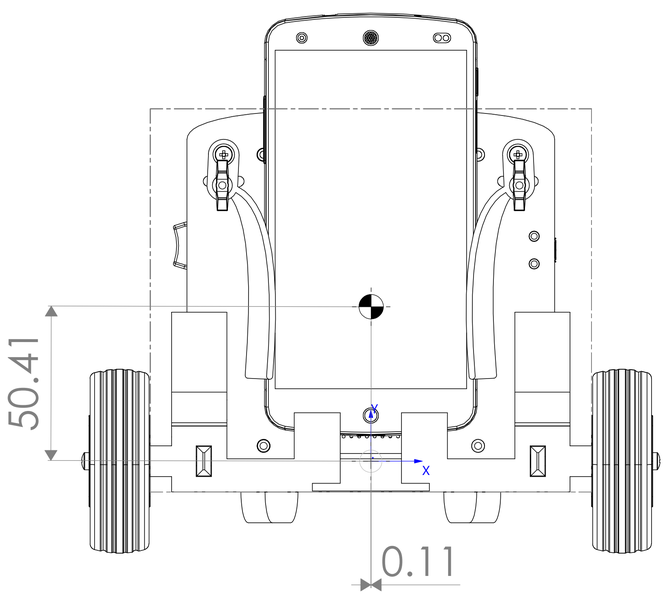
Surface area = 286682.35 square millimeters

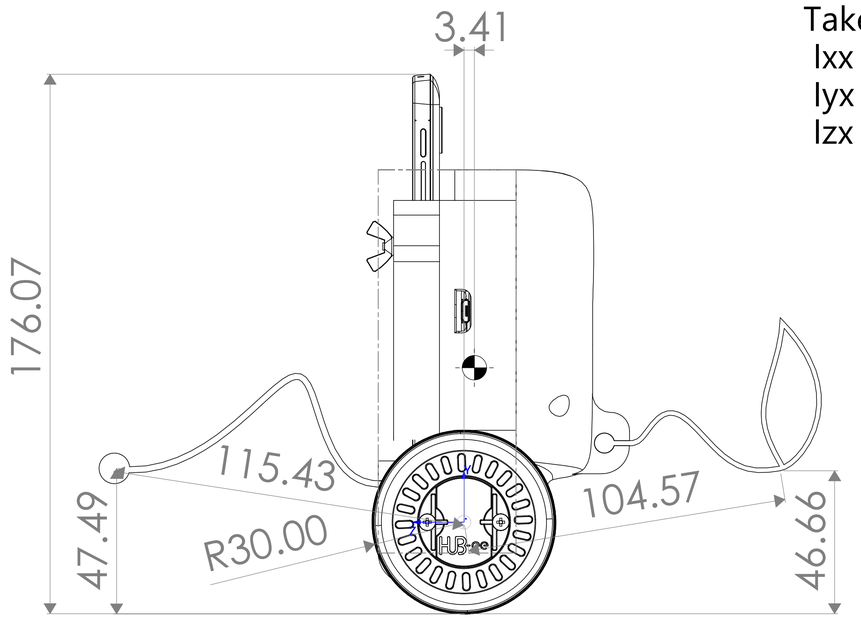
Center of mass: (millimeters)
X = 0.11
Y = 50.41
Z = -3.41

Principal axes of inertia and principal moments of inertia: (grams * square millimeters)
Taken at the center of mass.
Ix = (1.00, -0.02, 0.00) Px = 1437852.44
Iy = (0.02, 0.99, -0.11) Py = 1484562.72
Iz = (0.00, 0.11, 0.99) Pz = 2264960.33

Moments of inertia: (grams * square millimeters)
Taken at the center of mass and aligned with the output coordinate system.
Lxx = 1437875.92 Lxy = -1112.74 Lxz = -654.75
Lyx = -1112.74 Lyy = 1494747.90 Lyz = -88669.42
Lzx = -654.75 Lzy = -88669.42 Lzz = 2254751.67

Moments of inertia: (grams * square millimeters)
Taken at the output coordinate system.
Ixx = 3060392.90 Ixy = 2345.81 Ixz = -888.47
Iyx = 2345.81 Iyy = 1502130.86 Iyz = -197814.11
Izx = -888.47 Izy = -197814.11 Izz = 3869900.50





UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:		FINISH:		DEBURR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING / REVISION
	NAME	SIGNATURE	DATE		TITLE:
DRAWN					
CHKD					
APPV'D					
MFG					
Q.A					
				MATERIAL:	DWG NO. robot_assembly A1
				WEIGHT:	SCALE:1:2 SHEET 1 OF 1