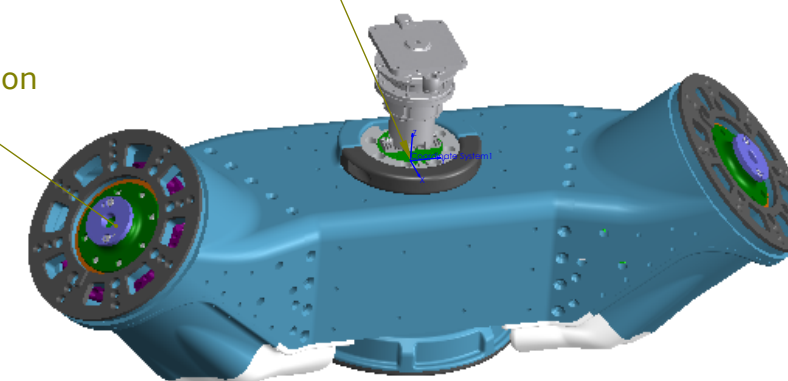


Reference coordinate of chest assembly

Reference frame position
for shoulder link



The position of point around right shoulder with respect to reference frame

X: 45.646mm
Y: -219.164mm
Z: 1.531mm

* Note that the shoulder reference point seems to be not exactly located on center, because it is isometric view!

Mass = 7.31313212 kilograms



Center of mass: (meters)

X = 0.02049278
Y = -0.00000767
Z = -0.03249378

Moments of inertia: (kilograms * square meters)

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

Lxx = 0.18629757 Lxy = 0.00008160 Lxz = 0.00030250
Lyx = 0.00008160 Lyy = 0.02013829 Lyz = -0.00001790
Lzx = 0.00030250 Lzy = -0.00001790 Lzz = 0.18850541

Material:				Undim. Rounds		Undim. Chamfers	
Treatment:				R=		x 45°	
Tolerances according to UNI ISO 8015		General tolerances UNI EN 22768-1 / 22768-2		Metric threads ISO		Roughness	
		Dimensional Tolerance class – m Geometric Tolerance class – K		Nut screw 6H-screw 6g		1.6 ✓	
	Issued	Drawn	Checked	Approved	Mass Kg	Size	
	IIT		--	--	0.00	A3	
Description							
		Model Ref.		NewChestAssembly		Scale	Sheet
		Assembly Ref.				1:5	1 / 1
		Drawing code		NewChestAssembly		Date	
						3/26/2015	