

# Section properties of the selected face of Ship

Area = 62917.32 millimeters<sup>2</sup>

Centroid relative to output coordinate system origin: ( millimeters )

X = 159.42

Y = 26.00

Z = 0.00

Moments of inertia of the area, at the centroid: ( millimeters <sup>4</sup> )

Lxx = 188050419.75 Lxy = 0.00Lxz = 0.00

Lyx = 0.00 Lyy = 746043565.69 Lyz = 0.00

Lzx = 0.00Lzy = 0.00Lzz = 557993145.94

Polar moment of inertia of the area, at the centroid = 746043565.69 millimeters <sup>4</sup>

Angle between principal axes and part axes = 90.00 degrees

Principal moments of inertia of the area, at the centroid: ( millimeters <sup>4</sup> )

Ix = 188050419.75

Iy = 557993145.94

Moments of inertia of the area, at the output coordinate system: ( millimeters <sup>4</sup> )

LXX = 230582529.02 LXY = 260783404.69LXZ = 0.00

LYX = 260783404.69 LYY = 2345023379.26 LYZ = 0.00

LZX = 0.00 LZY = 0.00 LZZ = 2199505068.79