PRODUCT NAME: 362S162-33
MARINO\WARE PART # 3585520

PROPERTIES:
A. Web (in) 3-5/8"
B. Flange (in) 1-5/8"
C. Lip (in) 1/2"
Mils 33
Available Finish G60

SECTION PROPERTIES

GROSS SECTION PROPERTIES
Cross Sectional Area: A (in²) 0.262
Weight of Member: (lb/ft) 0.89
Moment of Inertia: Ix (in⁴) 0.551
Section Modulus: Sx (in³) 0.304
Radius of Gyration: Rx (in) 1.450
Gross Moment of Inertia: Iy (in⁴) 0.099
Gross Radius of Gyration: Ry (in) 0.616

EFFECTIVE SECTION PROPERTIES
Moment of Inertia-Deflection: Ixe (in⁴) 0.55
Section Modulus: Sxe (in³) 0.27
Allowable Local Bending Moment: Mal (in-k) 5.29
Allowable Distortional Bending Moment: Mad (in-k) 5.43
Allowable strong axis shear away from punch: Vag (lb) 1024
Allowable strong axis shear at punch: Vanet (lb) 521

TORSIONAL SECTION PROPERTIES
St. Venant Torsional Constant: Jx1000 (in⁴) 0.105
Torsional Warping Constant: Cw (in⁶) 0.297
Shear Center to Centroid on Principal X-axis: Xo (in) -1.308
Shear Center to Mid-Plane of the Web: m (in) 0.789
Radius of Gyration on the Centroid Principal axis: Ro (in) 2.048
Torsional Flexural Constant: β 1-(xo/Ro)² 0.0592

CODES & STANDARDS
- AISI S100-12 & ICC ES ESR-4062
- Framing meets ASTM A 1003, A 653, & C 955

GREEN INFO
- LEED v3 & LEED v4 credits available
- Contact Technical Services for more information.

For more information, please contact Marino\WARE Technical Services at 866-545-1545.
This technical information reflects the most current information available and supersedes any and all publications, effective 1/5/2017
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