Product category: (TTS) TRAKLOC® Track
Product name: 362TTS137-30 33ksi G40
3-5/8" TRAKLOC® Track 30 mils (20ga DW)

Geometric Properties
Inside web depth 3.625 in
Weight 0.676 lb/ft
Leg width 1.375 in
Minimum thickness 0.0296 in
Design thickness 0.0312 in
Yield stress, Fy 33 ksi

Gross Section Properties of Full Section, Strong Axis
Cross sectional area (A) 0.199 in²
Moment of inertia (Ix) 0.419 in⁴
Radius of gyration (Rx) 1.452 in
Gross moment of inertia (Iy) 0.036 in⁴
Gross radius of gyration (Ry) 0.423 in

Effective Section Properties
Effective area (Ae) 0.089 in²
Moment of Inertia (Ix) 0.347 in⁴
Section Modulus (Sx) 0.153 in³
Allowable bending moment (Mal) 3031 in-lbs
Allowable shear force in web (Vag) 758 lb

Torsional Properties
St. Venant torsion constant (J x 1000) 0.0645 in⁴
Warping constant (Cw) 0.087 in⁶
Distance from shear center to neutral axis (Xo) -0.757 in
Radii of gyration (Ro) 1.691 in
Torsional flexural constant (Beta) 0.800

Notes:
• Calculated properties are based on AISI S100-07 w/ S2-10 Supplement and AISI S100-12, North American Specification for Design of Cold-Formed Steel Structural Members.
• Effective properties incorporate the strength increase from the cold-work of forming as applicable per AISI A7.2.
• For deflection calculations, use the effective moment of inertia.
• Allowable moment includes cold-work of forming.

ASTM & Code Standards:
• AISI-NASPEC 2007 w/S2-10
• Meets or exceeds ASTM C645
• ICC-ES ESR-1464

Sustainability Credits For more details and LEED letters contact Technical Services at 888-437-3244 or visit clarkdietrich.com/LEED.
LEED v4.1 MR Credit: Environmental Product Declarations: EPD (1 point) - Sourcing of Raw Materials (up to 2 points) - Material Ingredients (1 point) - Construction and Demolition Waste Management (up to 2 points)
LEED v4 MR Credit: Building Product Disclosure and Optimization: EPD (1 point) - Sourcing of Raw Materials (1 point) - Material Ingredients (1 point) - Construction and Demolition Waste Management (up to 2 points) - Innovation Credit (up to 2 points).

Project Information
Name:
Address:

Contractor Information
Name:
Contact:
Phone:
Fax:

Architect Information
Name:
Contact:
Phone:
Fax: