

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

Geometric Properties

Inside web depth	3.625 in	Weight	0.750 lb/ft
Leg width	1.375 in	Minimum thickness	0.0330 in
Design thickness	0.0347 in		
Yield stress, Fy	33 ksi		

Gross Section Properties of Full Section, Strong Axis

Cross sectional area (A)	0.220 in ²
Moment of inertia (Ix)	0.465 in ⁴
Radius of gyration (Rx)	1.453 in
Gross moment of inertia (Iy)	0.039 in ⁴
Gross radius of gyration (Ry)	0.422 in

Effective Section Properties

Effective area (Ae)	0.108 in ²
Moment of Inertia (Ix)	0.395 in ⁴
Section Modulus (Sx)	0.175 in ³
Allowable bending moment (Mal)	3465 in-lbs
Allowable shear force in web (Vag)	1024 lb

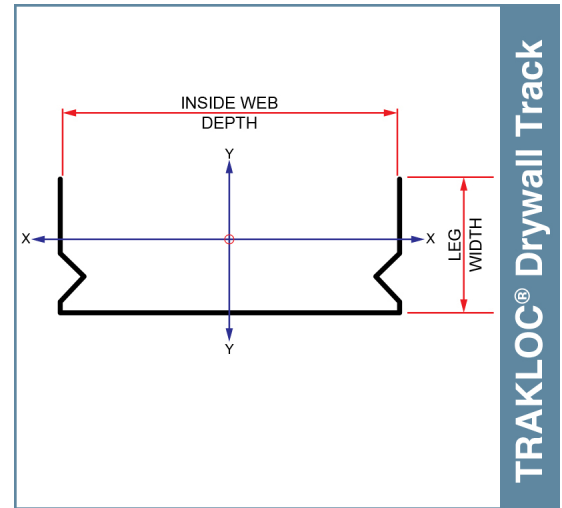
Torsional Properties

St. Venant torsion constant (J x 1000)	0.0879 in ⁴
Warping constant (Cw)	0.097 in ⁶
Distance from shear center to neutral axis (Xo)	-0.756 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.

09.22.16 (Non-Structural Metal Framing)



ASTM & Code Standards:

- AISI-NASPEC 2007 w/S2-10
- Meets or exceeds ASTM C645
- SDS & Product Certification Information available at www.clarkdietrich.com.



Sustainability Credits:

For more details and LEED letters contact Technical Services at 888-437-3244 or visit www.clarkdietrich.com/LEED

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).

LEED 2009 Credit MR 2 & MR 4 -- ClarkDietrich's steel products are 100% recyclable and have a national average recycled content of 34.2% (19.8% post-consumer and 14.4% pre-consumer). If seeking a higher number to meet Credit MR 5, please contact us at (info@clarkdietrich.com / 888-437-3244)

Project Information

Name:
Address:

Contractor Information

Name:
Contact:
Phone:
Fax:

Architect Information

Name:
Contact:
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