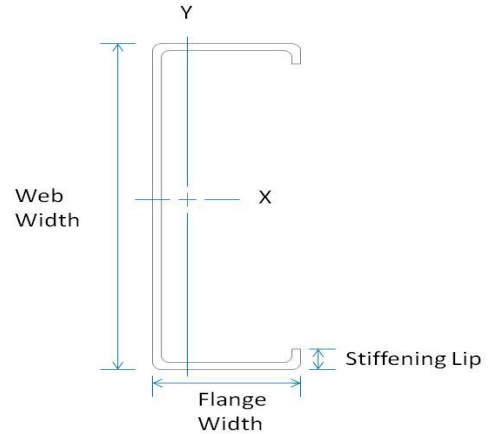


Member Designator **600S137-68**

Coating **CP60**

Physical Properties

Design Thickness **0.0713 in**
 Mil **68 mil**
 Gauge **14 Gauge**
 Web Width **6.00 in**
 Flange Width **1.375 in**
 Stiffening Lip **0.375 in**
 Yield Strength **50 ksi**



Gross Properties

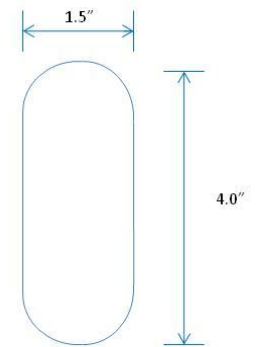
Area (in ²)	Weight (lb/ft)	I _x (in ⁴)	S _x (in ³)	R _x (in)	I _y (in ⁴)	R _y (in)
0.640	2.18	3.094	1.031	2.200	0.125	0.443

Effective Properties

I _{xx} (in ⁴)	S _{xx} (in ³)	M _a (in-k)	V _{ag} (lb)
3.094	1.030	30.84	5350

Torsional Properties

J ^{x1000} (in ⁴)	C _w (in ⁶)	X _o (in)	m (in)	R _o (in)	β
1.084	0.930	-0.768	0.497	2.371	0.895



Structural Punch

Limiting Wall Heights – Curtain Wall

Section	Spacing (in) o.c.	5 psf			15 psf			20 psf			25 psf		
		L/120	L/240	L/360	L/240	L/360	L/600	L/240	L/360	L/600	L/240	L/360	L/600
600S137-68	12	43' 3"	34' 4"	30' 0"	23' 9"	20' 9"	17' 6"	21' 7"	18' 10"	15' 11"	20' 1"	17' 6"	14' 9"
600S137-68	16	39' 4"	31' 2"	27' 3"	21' 7"	18' 10"	15' 11"	19' 8"	17' 2"	14' 5"	18' 3"	15' 11"	13' 5"
600S137-68	24	34' 4"	27' 3"	23' 9"	18' 10"	16' 6"	13' 11"	17' 2"	15' 0"	12' 7"	15' 11"	13' 11"	11' 9"

Section	Spacing (in) o.c.	30 psf			35 psf			40 psf			50 psf		
		L/240	L/360	L/600	L/240	L/360	L/600	L/240	L/360	L/600	L/240	L/360	L/600
600S137-68	12	18' 10"	16' 6"	13' 11"	17' 11"	15' 8"	13' 2"	17' 2"	15' 0"	12' 7"	15' 11"	13' 11"	11' 9"
600S137-68	16	17' 2"	15' 0"	12' 7"	16' 3"	14' 3"	12' 0"	15' 7"	13' 7"	11' 6"	14' 5"	12' 7"	10' 8"
600S137-68	24	15' 0"	13' 1"	11' 0"	14' 3"	12' 5"	10' 6"	13' 7"	11' 10"	10' 0"	12' 7"	11' 0"	9' 3"

General Notes

- Physical properties and load tables have been calculated in conformance with the 2001 NASPEC for the Design of Cold-Formed Steel Structural Members, including the 2004 Supplement, and the IBC 2006, unless noted otherwise.
- All structural framing members have a protective coating conforming to ASTM C 955.
- Reference ASTM specification A 1003/A 1003 M table 1 for the universe of allowable coatings for light gauge steel framing.
- Stud/joists are manufactured to custom lengths. Stud/joists are manufactured with punched webs unless otherwise specified at time of order.
- Track is produced in standard lengths of 10 feet unless a custom track length is indicated. Track is manufactured with unpunched webs.
- Structural framing members are marked with product information per the requirements of ASTM C 955 section 12.
- All delivered material must be kept dry, preferably by being stored inside a building under a roof. If it is necessary to store material outside, it must be stacked off the ground, properly supported on a level platform, and fully protected from the weather. Reference ASTM C 754 section 8 and ASTM C 1007 section 4.

LEED Green Building Credits

MR Credit 2: Construction Waste Management – MBA steel framing is 100% recyclable.

MR Credit 4: Recycled Content – MBA steel framing is formed from no less than 25.5% post-consumer and 6.8% pre-consumer recycled content.

MR Credit 5: Regional Materials – MBA has manufacturing facilities in multiple states.