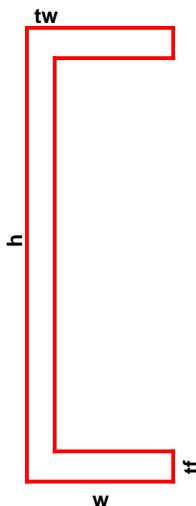


## MC13X40



Name	MC13X40	
Weight	40.48	lb/ft
Height, $h$	13	in
Width, $w$	4.19	in
Web Thickness, $tw$	0.61	in
Flange Thickness, $tf$	0.56	in
Area, $A$	11.7	in <sup>2</sup>
Shear Area, $SA_2$	7.28	in <sup>2</sup>
Shear Area, $SA_3$	5.1118	in <sup>2</sup>
Inertia, $I_{22}$	13.7	in <sup>4</sup>
Interia, $I_{33}$	273	in <sup>4</sup>
Centroid, $x_0$	0.963	in
Centroid, $y_0$	6.5	in
Torsional, $J$	1.55	in <sup>4</sup>
Radius of Gyration, $R_2$	1.0821	in
Radius of Gyration, $R_3$	4.830459	in
Section Modulus, $S_2$ -Left	4.245429	in <sup>3</sup>
Section Modulus, $S_2$ -Right	14.22638	in <sup>3</sup>
Section Modulus, $S_3$ -Top	42	in <sup>3</sup>
Section Modulus, $S_3$ -Bottom	42	in <sup>3</sup>
Plastic Modulus, $Z_2$	8.66	in <sup>3</sup>
Plastic Modulus, $Z_3$	51.2	in <sup>3</sup>