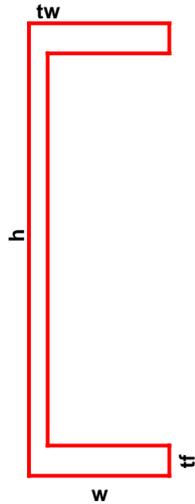


MC13X31.8



| Name | MC13X31.8 | |
|----------------------------|-----------|-----------------|
| Weight | 32.35 | lb/ft |
| Height, h | 13 | in |
| Width, w | 4 | in |
| Web Thickness, tw | 0.61 | in |
| Flange Thickness, tf | 0.375 | in |
| Area, A | 9.35 | in ² |
| Shear Area, SA2 | 4.875 | in ² |
| Shear Area, SA3 | 4.88 | in ² |
| Inertia, I22 | 11.4 | in ⁴ |
| Inertia, I33 | 239 | in ⁴ |
| Centroid, x0 | 1 | in |
| Centroid, y0 | 6.5 | in |
| Torsional, J | 0.937 | in ⁴ |
| Radius of Gyration, R2 | 1.104197 | in |
| Radius of Gyration, R3 | 5.055838 | in |
| Section Modulus, S2-Left | 3.8 | in ³ |
| Section Modulus, S2-Right | 11.4 | in ³ |
| Section Modulus, S3-Top | 36.76923 | in ³ |
| Section Modulus, S3-Bottom | 36.76923 | in ³ |
| Plastic Modulus, Z2 | 7.69 | in ³ |
| Plastic Modulus, Z3 | 43.4 | in ³ |