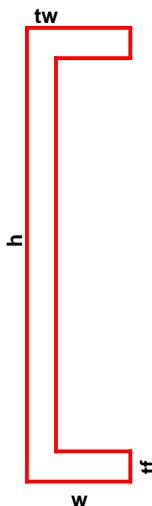


MC18X51.9



Name	MC18X51.9	
Weight	52.93	lb/ft
Height, h	18	in
Width, w	4.1	in
Web Thickness, tw	0.625	in
Flange Thickness, tf	0.6	in
Area, A	15.3	in ²
Shear Area, SA_2	10.8	in ²
Shear Area, SA_3	5.125	in ²
Inertia, I_{22}	16.3	in ⁴
Interia, I_{33}	627	in ⁴
Centroid, x_0	0.858	in
Centroid, y_0	9.0	in
Torsional, J	2.03	in ⁴
Radius of Gyration, R_2	1.032163	in
Radius of Gyration, R_3	6.401593	in
Section Modulus, S_2 -Left	5.027761	in ³
Section Modulus, S_2 -Right	18.99767	in ³
Section Modulus, S_3 -Top	69.66666	in ³
Section Modulus, S_3 -Bottom	69.66666	in ³
Plastic Modulus, Z_2	9.86	in ³
Plastic Modulus, Z_3	87.3	in ³