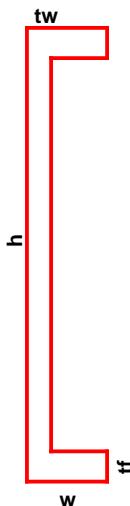


# MC12X14.3



Name	MC12X14.3	
Weight	14.46	lb/ft
Height, h	12	in
Width, w	2.12	in
Web Thickness, tw	0.313	in
Flange Thickness, tf	0.25	in
Area, A	4.18	in <sup>2</sup>
Shear Area, SA2	3	in <sup>2</sup>
Shear Area, SA3	1.32712	in <sup>2</sup>
Inertia, I <sub>22</sub>	1	in <sup>4</sup>
Interia, I <sub>33</sub>	76.1	in <sup>4</sup>
Centroid, x <sub>0</sub>	0.377	in
Centroid, y <sub>0</sub>	6.0	in
Torsional, J	0.117	in <sup>4</sup>
Radius of Gyration, R <sub>2</sub>	0.489116	in
Radius of Gyration, R <sub>3</sub>	4.266819	in
Section Modulus, S <sub>2</sub> -Left	0.5737235	in <sup>3</sup>
Section Modulus, S <sub>2</sub> -Right	2.65252	in <sup>3</sup>
Section Modulus, S <sub>3</sub> -Top	12.68333	in <sup>3</sup>
Section Modulus, S <sub>3</sub> -Bottom	12.68333	in <sup>3</sup>
Plastic Modulus, Z <sub>2</sub>	1.21	in <sup>3</sup>
Plastic Modulus, Z <sub>3</sub>	15.9	in <sup>3</sup>