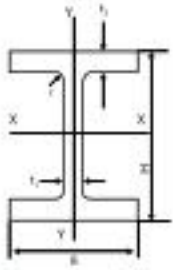
KWOSM

WF Beam



Steel Class	Dimension (mm)					Sectional Area (cm^2)	Weight (kg/m)	Geometrical Moment of Inertia (cm^4)		Radius Gyration of Area (cm)		Modulus of Section (cm^3)	
Nominal	H	B	t_1	t_2	r			Ix	Iy	ix	iy	Zx	Zy
100 x 50 x 5	100	50	5.0	7.0	8.0	11.84	9.3	187	14.8	3.93	1.12	37.50	5.91
125 x 60 x 6	125	60	6.0	8.0	9.0	16.84	13.2	413	29.2	4.95	1.13	66.10	9.73
150 x 75 x 5	150	75	5.0	7.0	8.0	17.85	14	666	49.5	6.11	1.66	88.80	13.20
150 x 100 x 6	148	100	6.0	9.0	11.0	26.84	21.1	1,020.00	151	6.2	2.4	138.00	30.10
200 x 100 x 4.5	198	99	4.5	7.0	11.0	23.18	18.2	1,580	114	8.26	2.21	160.00	23.00
200 x 100 x 5.5	200	100	5.5	8.0	11.0	27.16	21.23	1,840	134	8.24	2.22	184.00	26.80
200 x 150 x 6	194	150	6.0	9.0	13.0	39.01	30.6	2,690	507	8.3	3.61	277.00	67.60
250 x 125 x 5	248	125	5.0	9.0	12.0	32.68	25.7	3,540	255	10.4	2.7	285.00	41.10
250 x 125 x 6	250	125	6.0	9.0	12.0	37.66	29.6	4,050	294	10.4	2.79	324.00	47.00
300 x 150 x 5.5	298	149	5.5	8.0	13.0	40.80	32.0	6,320	442	12.4	3.29	424	59.3
300 x 150 x 6.5	300	150	6.5	9.0	13.0	46.78	36.7	7,210	508	12.4	3.29	481	67.7
350 x 175 x 7	350	175	7.0	11.0	14.0	63.14	49.6	13,600	984	14.7	3.95	775.00	112.00
400 x 200 x 8	400	200	8.0	13.0	16.0	84.10	66	23,700	1,740	16.8	4.51	1190.00	174.00

☐ Regular Product

According to SNI 07-7178-2006

H Beam



Steel Class	Dimension (mm)					Sectional Area (cm^2)	Weight (kg/m)	Geometrical Moment of Inertia (cm^4)		Radius Gyration of Area (cm)		Modulus of Section (cm^3)	
Nominal	H	B	t_1	t_2	r			Ix	Iy	ix	iy	Zx	Zy
100 x 100 x6	100	100	6.0	8.0	8.0	21.59	16.90	378	134	4.18	2.49	75.6	26.7
125 x 125 x 6.5	125	125	6.5	9.0	8.0	30.00	23.60	839	293	5.29	3.13	134.0	46.9
150 x 150 x 7	150	150	7.0	10.0	8.0	39.65	31.50	1,620	563	6.40	3.77	216.0	75.1
175 x 175 x 7.5	175	175	7.5	11.0	13.0	51.43	40.40	2,900	984	7.50	4.37	331.0	112.0
200 x 200 x 8	200	200	8.0	12.0	13.0	63.53	49.90	4,720	1,600	8.62	5.02	472.0	160.0

☐ Regular Product

According to SNI 07-7178-2017