

Hyne Timber Beam 15 GLT Source data from Hyne & Son Pty Ltd

Product Name	Section Depth (mm)	Section Width (mm)	Section Weight (kg/m)	Cross Sectional Area (mm ²)	Shear Area (mm ²)	Bending Stiffness EI _{xx} (kN.m ²)	Bending Stiffness EI _{yy} (kN.m ²)	Torsional Rigidity GJ (kN.m ²)	Bending Stress f' _b (MPa)	Shear Stress f' _s (MPa)	Tension Stress f' _t (MPa)	Compr'n Stress f' _c (MPa)	Selection Ratio
195x85	195	85	10.8	16575	11050	777.3	147.7	28.4	36.0	4.2	20.0	33.0	2940
230x85	230	85	12.7	19550	13033	1275.5	174.2	35.4	36.0	4.2	20.0	33.0	3510
260x85	260	85	14.4	22100	14733	1842.6	196.9	41.4	36.0	4.2	20.0	33.0	3770
295x85	295	85	16.3	25075	16717	2691.3	223.4	48.4	36.0	4.2	20.0	33.0	3940
330x85	330	85	18.2	28050	18700	3767.4	249.9	55.5	36.0	4.2	20.0	33.0	4420
360x85	360	85	19.9	30600	20400	4891.1	272.7	61.5	36.0	4.2	20.0	33.0	5470
395x85	395	85	21.8	33575	22383	6460.9	299.2	68.5	36.0	4.2	20.0	33.0	5980
425x85	425	85	23.5	36125	24083	8047.6	321.9	74.5	36.0	4.2	20.0	33.0	6480
460x85	460	85	25.4	39100	26067	10204.1	348.4	81.5	36.0	4.2	20.0	33.0	6990
495x85	495	85	27.3	42075	28050	12715.0	374.9	88.6	36.0	4.2	20.0	33.0	7520
525x85	525	85	29.0	44625	29750	15169.7	397.6	94.6	36.0	4.2	20.0	33.0	7980
195x130	195	130	16.5	25350	16900	1188.9	528.4	82.1	36.0	4.2	20.0	33.0	4900
230x130	230	130	19.4	29900	19933	1950.8	623.2	106.8	36.0	4.2	20.0	33.0	5210
260x130	260	130	22.0	33800	22533	2818.0	704.5	128.1	36.0	4.2	20.0	33.0	5480
295x130	295	130	24.9	38350	25567	4116.1	799.3	153.1	36.0	4.2	20.0	33.0	6030
330x130	330	130	27.9	42900	28600	5761.9	894.2	178.2	36.0	4.2	20.0	33.0	6840
360x130	360	130	30.4	46800	31200	7480.5	975.5	199.7	36.0	4.2	20.0	33.0	7380