ISO 9001:2008

TIS Cert.No.11727 Cert.No.47014

STANDARD JIS G 3350 : 1987 LIGHT GAUGE STEEL FOR GENERAL STRUCTURE (Lip Channel Steel)

Dimensions (mm.)	Thickness	Sectional	Unit mass
H x A x C	mm.	cm. ^{2}	kg./m.
60 x 30 x 10	1.6	2.072	1.63
	2.0	2.537	1.99
	2.3	2.872	2.25
70 x 40 x 25	1.6	3.032	2.38
75 x 35 x15	2.3	3.677	2.89
75 x 45 x 15	1.6	2.952	2.32
	2.0	3.637	2.86
	2.3	4.137	3.25
90 x 45 x 20	1.6	3.352	2.63
	2.3	4.712	3.70
	3.2	6.367	5.00
100 x 50 x 20	1.6	3.672	2.88
	2.0	4.537	3.56
	2.3	5.172	4.06
	2.8	6.205	4.87
	3.2	7.007	5.50
	4.0	8.548	6.71
	4.5	9.469	7.43
120 x 40 x 20	3.2	7.007	5.50
120 x 60 x 20	2.3	6.092	4.78
	3.2	8.287	6.51
120 x 60 x 25	4.5	11.720	9.20

Dimensions (mm.)	Thickness	Sectional	Unit mass
H x A x C	mm.	cm. ^{2}	kg./m.
125 x 50 x 20	2.3	5.747	4.51
	3.2	7.807	6.13
	4.0	9.548	7.50
	4.5	10.590	8.32
150 x 50 x 20	2.3	6.322	4.96
	3.2	8.607	6.76
	4.5	11.720	9.20
150 x 65 x 20	2.3	7.012	5.50
	3.2	9.567	7.51
	4.0	11.750	9.22
150 x 75 x 20	3.2	10.210	8.01
	4.0	12.550	9.85
	4.5	13.970	11.00
150 x 75 x 25	3.2	10.530	8.27
	4.0	12.950	10.20
	4.5	14.420	11.30
200 x 75 x 20	3.2	11.810	9.27
	4.0	14.550	11.40
	4.5	16.220	12.70
200 x 75 x 25	3.2	12.130	9.52
	4.0	14.950	11.70
	4.5	16.670	13.10

Symbol of Class	Chemical Composition				Mechanical properties		
	C Max. %	Mn Max. %	P Max. %	S Max. %	Tensile Strength T.S. N/mm. ^{2} (min)	Yield Strength Y.S. N/mm. ^{2} (min)	Elongation (min) %
SSC400	0.25	-	0.050	0.050	400-540	245	21

DIMENSIONS TOLERANCES :

Shape and Tolerances on Dimensions

Thickness	:	1.6 mm. : ±0.22 mm., 2.0 mm. & 2.3 mm. : 0.25±mm.
	:	2.8 mm. : ±0.28 mm., 3.2 mm. : 0.30 mm.
		4.0 mm. & 4.5 mm. : 0.45 mm., 6.0 mm. : 0.60±mm.
Length	:	7 m. or under : + 40 mm. - 0 mm.
Height H	:	under 150 mm. : ±1.5 mm.
	:	150 mm. or over to 300 mm. : 2.0 mm.
Side A	:	±1.5 mm.
Lip C	:	±2.0 mm.
Angle between adjacent plate parts		±1.5