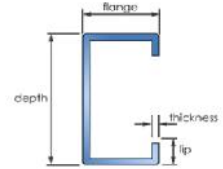


Lipped Channels

JIS G 3350 SSC 400



Dimensions mm (in)		Sectional Area	Calculated Weight	Centre of Gravity		Secondary Moment of Area		Radius of Gyration of Area		Modulus of Section		Centre of Shear	
				Cx	Cy	Ix	Iy	ix	iy	Zx	Zy	Sx	Sy
HxAxC	t	cm ²	kg/m	cm	cm	cm ⁴	cm ⁴	cm	cm	cm ³	cm ³	cm	cm
75x45x15 (3x1 3/4x3/5)	1.6	2.952	2.32	0	1.72	27.1	8.71	3.03	1.72	7.24	3.13	4.1	0
	2.0	3.637	2.86	0	1.72	33.0	10.5	3.01	1.70	8.79	3.76	4.0	0
	2.3	4.137	3.25	0	1.72	37.1	11.8	3.00	1.69	9.90	4.24	4.0	0
100x50x20 (4x2x3/4)	2.3	5.172	4.06	0	1.86	80.7	19.0	3.95	1.92	16.1	6.06	4.4	0
	3.0	6.608	5.19	0	1.86	101	23.4	3.91	1.88	20.2	7.45	4.4	0
	4.0	8.548	6.71	0	1.86	127	28.7	3.85	1.83	25.4	9.13	4.3	0
	4.5	9.469	7.43	0	1.86	139	30.9	3.82	1.81	27.7	9.82	4.3	0
125x50x20 (5x2x3/4)	2.3	5.747	4.51	0	1.69	137	20.6	4.88	1.89	21.9	6.22	4.1	0
	3.0	7.358	5.78	0	1.69	172	25.4	4.83	1.83	27.5	7.56	4.1	0
	4.0	9.548	7.50	0	1.68	217	31.1	4.77	1.81	34.7	9.38	4.0	0
	4.5	10.59	8.32	0	1.68	238	33.5	4.74	1.78	38.0	10.0	4.0	0
150x65x20 (6x2 1/2x3/4)	2.3	7.012	5.50	0	2.12	248	41.1	5.94	2.42	33.0	9.37	5.2	0
	3.0	9.008	7.07	0	2.11	314	51.1	5.90	2.38	41.9	11.7	5.1	0
	4.0	11.75	9.22	0	2.11	401	63.7	5.84	2.33	53.5	14.5	5.0	0
	4.5	13.07	10.3	0	2.10	441	69.2	5.82	2.30	58.8	15.7	5.0	0
175x75x20 (7x3x3/4)	2.3	8.047	6.32	0	2.35	389	61	6.96	2.75	44.5	11.8	5.7	0
	3.0	10.36	8.13	0	2.34	495	76.4	6.91	2.72	56.6	14.8	5.7	0
	4.0	13.55	10.6	0	2.33	636	95.9	6.85	2.66	72.7	18.6	5.6	0
	4.5	15.09	11.8	0	2.33	702	105	6.82	2.63	80.3	20.2	5.6	0
200x75x20 (8x3x3/4)	2.3	8.622	6.77	0	2.20	531	63.7	7.85	2.72	53.1	12.0	5.5	0
	3.0	11.11	8.72	0	2.19	676	79.8	7.80	2.68	67.6	15.0	5.4	0
	4.0	14.55	11.4	0	2.19	871	100	7.74	2.62	87.1	18.9	5.3	0
	4.5	16.22	12.7	0	2.19	963	109	7.71	2.60	96.3	20.6	5.3	0
200x75x25 (8x3x1)	2.3	8.852	6.95	0	2.33	545	69.7	7.85	2.81	54.5	13.5	5.8	0
	3.0	11.41	8.96	0	2.33	694	87.5	7.80	2.77	69.4	16.9	5.7	0
	4.0	14.95	11.7	0	2.32	895	110	7.74	2.72	89.5	21.3	5.7	0
	4.5	16.67	13.1	0	2.32	990	121	7.71	2.69	99.0	23.3	5.6	0
225x75x20 (9x3x3/4)	2.3	9.197	7.22	0	2.07	700	66.1	8.72	2.68	62.2	12.2	5.2	0
	3.0	11.86	9.31	0	2.06	892	82.7	8.67	2.64	79.3	15.2	5.1	0
	4.0	15.55	12.2	0	2.06	1151	104	8.61	2.58	102	19.1	5.1	0
	4.5	17.34	13.6	0	2.05	1274	113	8.57	2.56	113	20.8	5.0	0
225x75x25 (9x3x1)	2.3	9.427	7.40	0	2.20	718	72.4	8.73	2.77	63.9	13.7	5.5	0
	3.0	12.16	9.54	0	2.19	917	90.9	8.68	2.73	81.5	17.1	5.5	0
	4.0	15.95	12.5	0	2.19	1184	115	8.62	2.68	105	21.6	5.4	0
	4.5	17.79	14.0	0	2.19	1310	125	8.58	2.65	116	23.6	5.3	0
250x75x20 (10x3x3/4)	2.3	9.772	7.67	0	1.95	897	68.1	9.58	2.64	71.8	12.3	5.0	0
	3.0	12.61	9.90	0	1.95	1145	85.3	9.53	2.60	91.6	15.4	4.9	0
	4.0	16.55	13.00	0	1.95	1480	107	9.46	2.54	118	19.3	4.9	0
	4.5	18.47	14.50	0	1.95	1639	117	9.42	2.52	131	21	4.8	0
250x75x25 (10x3x1)	2.3	10.00	7.85	0	2.08	921	74.8	9.60	2.73	73.7	13.8	5.3	0
	3.0	12.91	10.1	0	2.08	1177	93.8	9.55	2.70	94.1	17.3	5.2	0
	4.0	16.95	13.3	0	2.07	1522	118	9.48	2.64	122	21.8	5.1	0
	4.5	18.92	14.9	0	2.07	1690	129	9.44	2.62	135.5	23.8	5.1	0

NOTE: Available in Hot Rolled & Galvanized Material