



Comtrust Steel Grating Mesh Fence Co., Ltd.

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Heavy-duty welded steel grating common specifications and safety load

Type	Bear- ing Bar Height mm	Bear- ing Bar Thick- ness mm	Cross Bar mm	Weight kg/m ²	Load Span , mm															
					200	400	600	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	
G1508/40/100	150	8	8X8	284.9	U	25500	6375	2833	1593	1020	708	520	398	314	255	210	177	150	130	113
					D	0.05	0.18	0.41	0.73	1.15	1.66	2.26	2.95	3.74	4.63	5.6	6.7	7.85	9.17	10.54
					C	2550	1275	850	637	510	425	364	318	283	255	231	212	196	182	170
					D	0.04	0.15	0.33	0.59	0.92	1.33	1.81	2.36	3	3.72	4.5	5.37	6.34	7.38	8.51
G1308/40/100	130	8	8X8	247.6	U	19153	4788	2128	1197	766	532	390	299	236	191	158	133	113	97	85
					D	0.05	0.21	0.48	0.85	1.33	1.91	2.6	3.41	4.32	5.34	6.49	7.76	9.11	10.55	12.22
					C	1915	957	638	478	383	319	273	239	212	191	174	159	147	136	127
					D	0.04	0.17	0.38	0.68	1.06	1.53	2.09	2.73	3.46	4.29	5.22	6.21	7.33	8.5	9.81
G1208/40/100	120	8	8X8	229.0	U	16320	4080	1813	1020	653	453	333	255	201	163	134	113	96	83	72
					D	0.06	0.23	0.52	0.92	1.44	2.07	2.83	3.7	4.68	5.8	7	8.39	9.85	11.5	13.2
					C	1632	816	544	408	326	272	233	204	181	163	148	136	125	116	108
					D	0.05	0.18	0.41	0.74	1.15	1.66	2.26	2.97	3.76	4.66	5.65	6.77	7.94	9.24	10.64
G1008/40/100	100	8	8X8	191.7	U	11333	2833	1259	708	453	314	231	177	139	113	93	78	67	57	50
					D	0.07	0.28	0.62	1.1	1.73	2.48	3.39	4.45	5.61	6.97	8.43	10.05	11.94	13.73	15.94
					C	1133	566	377	283	226	188	161	141	125	113	103	94	87	80	75
					D	0.06	0.22	0.5	0.88	1.38	1.99	2.71	3.55	4.5	5.6	6.82	8.12	9.6	11.09	12.86
G908/40/100	90	8	8X8	173.1	U	9180	2295	1020	573	367	255	187	143	113	91	75	63	54	46	40
					D	0.08	0.31	0.69	1.22	1.92	2.77	3.77	4.93	6.26	7.72	9.35	11.17	13.24	15.25	17.57
					C	918	459	306	229	183	153	131	114	102	91	83	76	70	65	61
					D	0.06	0.24	0.55	0.98	1.53	2.22	3.03	3.94	5.04	6.2	7.56	9.04	10.64	12.42	14.42
G808/40/100	80	8	8X8	154.4	U	7253	1813	805	453	290	201	148	113	89	72	59	50	42	37	32
					D	0.09	0.34	0.77	1.38	2.16	3.11	4.25	5.56	7.04	8.71	10.5	12.66	14.73	17.53	20.11
					C	725	362	241	181	145	120	103	90	80	72	65	60	55	51	48
					D	0.07	0.27	0.62	1.1	1.73	2.48	3.39	4.44	5.65	7.01	8.47	10.2	11.97	13.96	16.27
G758/40/100	75	8	8X8	145.1	U	6375	1593	708	398	255	177	130	99	78	63	52	44	37	32	28
					D	0.09	0.37	0.83	1.47	2.31	3.33	4.54	5.92	7.5	9.27	11.25	13.55	15.78	18.47	21.42
					C	637	318	212	159	127	106	91	79	70	63	57	53	49	45	42
					D	0.07	0.29	0.66	1.18	1.84	2.66	3.64	4.74	6.01	7.45	9.03	10.96	12.97	14.99	17.35
G756/30/100	75	6	8X8	140.1	U	6375	1593	708	398	255	177	130	99	78	63	52	44	37	32	28
					D	0.09	0.37	0.83	1.47	2.3	3.33	4.54	5.91	7.49	9.26	11.24	13.53	15.76	18.44	21.39
					C	637	318	212	159	127	106	91	79	70	63	57	53	49	45	42
					D	0.07	0.29	0.66	1.18	1.84	2.66	3.64	4.74	6	7.45	9.02	10.95	12.95	14.97	17.31
G756/40/100	75	6	8X8	110.1	U	4781	1195	531	298	191	132	97	74	59	47	39	33	28	24	21
					D	0.09	0.37	0.83	1.47	2.3	3.31	4.52	5.9	7.56	9.22	11.25	13.55	15.93	18.48	21.44
					C	478	239	159	119	95	79	68	59	53	47	43	39	36	34	31
					D	0.07	0.29	0.66	1.17	1.83	2.64	3.63	4.72	6.06	7.42	9.08	10.77	12.73	15.11	17.1
G706/30/100	70	6	8X8	131.1	U	5553	1388	617	347	222	154	113	86	68	55	45	38	32	28	24
					D	0.1	0.39	0.89	1.58	2.47	3.56	4.85	6.32	8.04	9.96	11.99	14.41	16.82	19.9	22.65
					C	555	277	185	138	111	92	79	69	61	55	50	46	42	39	37
					D	0.08	0.31	0.71	1.26	1.98	2.84	3.89	5.09	6.44	8.01	9.75	11.72	13.71	16.02	18.82
G706/40/100	70	6	8X8	103.2	U	4165	1041	462	260	166	115	85	65	51	41	34	28	24	21	18
					D	0.1	0.39	0.88	1.58	2.46	3.55	4.87	6.38	8.05	9.91	12.09	14.19	16.85	19.95	22.7
					C	416	208	138	104	83	69	59	52	46	41	37	34	32	29	27
					D	0.08	0.31	0.71	1.26	1.97	2.84	3.88	5.12	6.48	7.98	9.64	11.58	13.95	15.93	18.4

Description:

1. U represents security plus steel grating uniformly distributed load, kN / m;
2. C represents the center line of the span steel grating perpendicular to the direction of load safety plus a flat line load, kN / m;
3. D represents steel grating in the listed security plus loads of maximum deflection, mm;
- 4 lists the data area represent steel grating in 2kN / m uniformly distributed loads, the maximum deflection of less than 4mm;
- 5 represents the theoretical weight galvanized steel grating length is 1m weight.