



Comtrust Steel Grating Mesh Fence Co., Ltd.

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YB/T4001.1—2007

Bearing bar spacing 30mm welded steel grating common specifications and safety load

Type	Bearing Bar Height mm	Bearing Bar Thickness mm	Weight kg/m ²	Load Span mm															
				200	400	600	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	
G655/30/50W	65	5	103.4	U 3990	997	443	249	159	110	81	62	49	39	32	27	23	20	17	
			D 0.11	0.42	0.95	1.7	2.65	3.81	5.22	6.84	8.7	10.61	12.82	15.4	18.18	21.4	24.18		
G655/30/100W			100.4	C 399	199	133	99	79	66	57	49	44	39	36	33	30	28	26	
				D 0.08	0.34	0.76	1.35	2.11	3.06	4.21	5.43	6.98	8.54	10.56	12.65	14.75	17.33	19.97	
G605/30/50W	60	5	95.9	U 3400	850	377	212	136	94	69	53	41	34	28	23	20	17		
			D 0.11	0.46	1.03	1.84	2.89	4.15	5.66	7.45	9.28	11.78	14.28	16.73	20.16	23.23			
G605/30/100W			92.9	C 340	170	113	85	68	56	48	42	37	34	30	28	26	24		
				D 0.09	0.37	0.83	1.48	2.31	3.3	4.52	5.93	7.48	9.49	11.23	13.71	16.31	18.98		
G555/30/50W	55	5	88.4	U 2856	714	317	178	114	79	58	44	35	28	23	19	16			
			D 0.13	0.5	1.13	2	3.14	4.53	6.19	8.04	10.3	12.63	15.29	18.03	21.08				
G555/30/100W			85.4	C 285	142	95	71	57	47	40	35	31	28	25	23	21			
				D 0.1	0.4	0.9	1.6	2.52	3.6	4.89	6.43	8.16	10.18	12.21	14.7	17.24			
G505/30/50W	50	5	80.9	U 2361	590	262	147	94	65	48	36	29	23	19	16				
			D 0.14	0.55	1.24	2.2	3.45	4.97	6.82	8.78	11.39	13.86	16.88	20.28					
G505/30/100W			77.9	C 236	118	78	59	47	39	33	29	26	23	21	19				
				D 0.11	0.44	0.99	1.77	2.77	3.99	5.39	7.11	9.14	11.18	13.7	16.26				
G503/30/50W	50	3	52.6	U 1416	354	157	88	56	39	28	22	17	14	11					
			D 0.14	0.55	1.24	2.2	3.43	4.97	6.65	8.95	11.16	14.09	16.37						
G503/30/100W			49.6	C 141	70	47	35	28	23	20	17	15	14	12					
				D 0.11	0.44	0.99	1.75	2.75	3.92	5.45	6.97	8.82	11.37	13.14					
G455/30/50W	45	5	73.4	U 1912	478	212	119	76	53	39	29	23	19	15					
			D 0.15	0.61	1.38	2.45	3.83	5.56	7.62	9.73	12.44	15.76	18.39						
G455/30/100W			70.4	C 191	95	63	47	38	31	27	23	21	19	17					
				D 0.12	0.49	1.09	1.94	3.07	4.35	6.06	7.76	10.16	12.72	15.31					
G405/30/50W	40	5	65.9	U 1511	377	167	94	60	41	30	23	18	15						
			D 0.17	0.69	1.54	2.76	4.31	6.14	8.37	11.02	13.92	17.8							
G405/30/100W			62.9	C 151	75	50	37	30	25	21	18	16	15						
				D 0.14	0.55	1.23	2.17	3.46	5.01	6.73	8.69	11.1	14.39						
G403/30/50W	40	3	43.3	U 906	226	100	56	36	25	18	14	11							
			D 0.17	0.69	1.54	2.74	4.32	6.25	8.39	11.2	14.21								
G403/30/100W			40.3	C 90	45	30	22	18	15	12	11	10							
				D 0.14	0.55	1.24	2.16	3.46	5.02	6.44	8.87	11.59							
G355/30/50W	35	5	58.4	U 1156	289	128	72	46	32	23	18	14							
			D 0.2	0.79	1.77	3.16	4.94	7.17	9.61	12.92	16.24								
G355/30/100W			55.4	C 115	57	38	28	23	19	16	14	12							
				D 0.16	0.62	1.4	2.46	3.97	5.7	7.69	10.14	12.52							
G353/30/50W	35	3	38.6	U 694	173	77	43	27	19	14	10								
			D 0.2	0.79	1.77	3.14	4.84	7.11	9.77	12.03									
G353/30/100W			35.6	C 69	34	23	17	13	11	9	8								
				D 0.16	0.62	1.41	2.49	3.75	5.52	7.25	9.71								
G325/30/50W	32	5	53.9	U 967	241	107	60	38	26	19	15	11							
			D 0.22	0.86	1.94	3.44	5.35	7.64	10.42	14.13	16.81								
G325/30/100W			50.9	C 96	48	32	24	19	16	13	12	10							
				D 0.17	0.68	1.55	2.76	4.3	6.3	8.21	11.4	13.73							
G323/30/50W	32	3	35.8	U 580	145	64	36	23	16	11	9								
			D 0.21	0.86	1.93	3.45	5.41	7.85	10.09	14.19									
G323/30/100W			32.8	C 58	29	19	14	11	9	8	7								
				D 0.17	0.69	1.53	2.69	4.16	5.93	8.44	11.15								
G255/30/50W	25	5	43.4	U 590	147	65	36	23	16	12									
			D 0.28	1.1	2.47	4.35	6.82	9.92	13.9										
G255/30/100W			40.4	C 59	29	19	14	11	9	8									
				D 0.22	0.87	1.93	3.39	5.25	7.5	10.71									
G253/30/50W	25	3	29.3	U 354	88	39	22	14	9										
			D 0.28	1.1	2.47	4.43	6.94	9.35											
G253/30/100W			26.3	C 35	17	11	8	7	5										
				D 0.22	0.85	1.86	3.24	5.58	7										
G205/30/50W	20	5	36.0	U 377	94	41	23	15	10										
			D 0.34	1.37	3.05	5.44	8.73	12.21											
G205/30/100W			33.0	C 37	18	12	9	7	6										
				D 0.27	1.05	2.39	4.28	6.57	9.85										
G203/30/50W	20	3	24.6	U 226	56	25	14	9											
			D 0.34	1.37	3.1	5.53	8.76												
G203/30/100W			21.6	C 22	11	7	5	4											
				D 0.27	1.07	2.32	3.98	6.3											

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.

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