



Comtrust Steel Grating Mesh Fence Co., Ltd.

TEL +86 318 7063609 FAX +86 318 7061960 HTTP://www.ctmesh.com EMAIL sale@ctmesh.com

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Bearing bar spacing 20mm welded steel grating common specifications and safety load

Type	Bearing Bar Height mm	Bearing Bar Thickness mm	Weight kg/m2	Load Span , mm															
				200	400	600	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	
G605/20/50W	60	5	138.3	U	5100	1275	566	318	204	141	104	79	62	51	42	35	30	26	22
				D	0.11	0.46	1.03	1.84	2.88	4.15	5.69	7.4	9.34	11.77	14.27	16.94	20.13	23.62	26.57
G605/20/100W			135.3	C	510	255	170	127	102	85	72	63	56	51	46	42	39	36	34
				D	0.09	0.37	0.83	1.47	2.31	3.34	4.51	5.92	7.54	9.47	11.45	13.68	16.28	18.93	22.17
G555/20/50W	55	5	127.3	U	4285	1071	476	267	171	119	87	66	52	42	35	29	25	21	
				D	0.13	0.5	1.13	2	3.14	4.55	6.18	8.04	10.19	12.62	15.48	18.3	21.87	24.94	
G555/20/100W			124.3	C	428	214	142	107	85	71	61	53	47	42	38	35	32	30	
				D	0.1	0.4	0.9	1.61	2.5	3.63	4.97	6.48	8.24	10.17	12.34	14.87	17.45	20.61	
G505/20/50W	50	5	116.3	U	3541	885	393	221	141	98	72	55	43	35	29	24	20		
				D	0.14	0.55	1.24	2.21	3.45	4.99	6.82	8.93	11.25	14.03	17.14	20.24	23.45		
G505/20/100W			113.3	C	354	177	118	88	70	59	50	44	39	35	32	29	27		
				D	0.11	0.44	0.99	1.76	2.75	4.02	5.43	7.18	9.12	11.32	13.88	16.49	19.69		
G503/20/50W	50	3	73.8	U	2125	531	236	132	85	59	43	33	26	21	17	14			
				D	0.14	0.55	1.24	2.2	3.47	5.01	6.79	8.94	11.35	14.06	16.8	19.76			
G503/20/100W			70.8	C	212	106	70	53	42	35	30	26	23	21	19	17			
				D	0.11	0.44	0.98	1.77	2.75	3.98	5.44	7.08	8.99	11.34	13.78	16.18			
G455/20/50W	45	5	105.2	U	2868	717	318	179	114	79	58	44	35	28	23	19			
				D	0.15	0.61	1.38	2.46	3.83	5.53	7.55	9.83	12.59	15.47	18.74	22.13			
G455/20/100W			102.2	C	286	143	95	71	57	47	40	35	31	28	26	23			
				D	0.12	0.49	1.1	1.95	3.07	4.4	5.98	7.86	9.99	12.48	15.55	18.08			
G405/20/50W	40	5	94.2	U	2266	566	251	141	90	62	46	35	27	22	18				
				D	0.17	0.69	1.55	2.76	4.31	6.19	8.55	11.16	13.9	17.39	21.01				
G405/20/100W			91.2	C	226	113	75	56	45	37	32	28	25	22	20				
				D	0.14	0.55	1.23	2.19	3.46	4.94	6.83	8.99	11.52	14.05	17.18				
G403/20/50W	40	3	60.3	U	1360	340	151	85	54	37	27	21	16	13					
				D	0.17	0.69	1.55	2.77	4.31	6.16	8.37	11.18	13.76	17.18					
G403/20/100W			57.3	C	136	68	45	34	27	22	19	17	15	13					
				D	0.14	0.55	1.23	2.22	3.46	4.9	6.77	9.11	11.55	13.89					
G355/20/50W	35	5	83.2	U	1735	433	192	108	69	48	35	27	21	17					
				D	0.2	0.79	1.77	3.15	4.94	7.16	9.74	12.9	16.21	20.17					
G355/20/100W			80.2	C	173	86	57	43	34	28	24	21	19	17					
				D	0.16	0.62	1.4	2.52	3.91	5.6	7.68	10.12	13.15	16.32					
G353/20/50W	35	3	53.5	U	1041	260	115	65	41	28	21	16	12						
				D	0.2	0.79	1.77	3.17	4.9	6.98	9.75	12.77	15.51						
G353/20/100W			50.5	C	104	52	34	26	20	17	14	13	11						
				D	0.16	0.63	1.39	2.54	3.84	5.67	7.49	10.45	12.75						
G325/20/50W	32	5	76.6	U	1450	362	161	90	58	40	29	22	17	14					
				D	0.21	0.86	1.94	3.44	5.44	7.82	10.58	13.8	17.25	21.85					
G325/20/100W			73.6	C	145	72	48	36	29	24	20	18	16	14					
				D	0.17	0.68	1.54	2.76	4.37	6.29	8.4	11.38	14.55	17.7					
G323/20/50W	32	3	49.4	U	870	217	96	54	34	24	17	13	10						
				D	0.21	0.86	1.93	3.44	5.32	7.83	10.37	13.64	16.98						
G323/20/100W			46.4	C	87	43	29	21	17	14	12	10	9						
				D	0.17	0.68	1.56	2.69	4.27	6.13	8.42	10.6	13.74						
G255/20/50W	25	5	61.1	U	885	221	98	55	35	24	18	13							
				D	0.28	1.1	2.48	4.42	6.91	9.9	13.87	17.31							
G255/20/100W			58.1	C	88	44	29	22	17	14	12	11							
				D	0.22	0.88	1.96	3.55	5.4	7.76	10.68	14.76							
G253/20/50W	25	3	39.9	U	531	132	59	33	21	14	10								
				D	0.28	1.1	2.49	4.43	6.92	9.66	12.92								
G253/20/100W			36.9	C	53	26	17	13	10	8	7								
				D	0.22	0.86	1.92	3.5	5.3	7.42	10.43								
G205/20/50W	20	5	50.1	U	566	141	62	35	22	15	11								
				D	0.34	1.37	3.07	5.51	8.53	12.18	16.74								
G205/20/100W			47.1	C	56	28	18	14	11	9	8								
				D	0.27	1.09	2.38	4.43	6.86	9.82	14.04								
G203/20/50W	20	3	33.1	U	340	85	37	21	13	9									
				D	0.34	1.38	3.06	5.52	8.42	12.22									
G203/20/100W			30.1	C	34	17	11	8	6	5									
				D	0.28	1.11	2.43	4.23	6.27	9.16									
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.																			