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Bearing bar spacing 40mm 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	
G655/40/50W	65	5	81.7	U	2992	748	332	187	119	83	61	46	36	29	24	20	17	15	
			D	0.11	0.42	0.95	1.7	2.65	3.84	3.93	6.78	8.54	10.54	12.84	15.25	17.97	21.46		
G655/40/100W			78.7	C	299	149	99	74	59	49	42	37	33	29	27	24	23	21	
				D	0.08	0.34	0.76	1.35	2.1	3.03	4.14	5.47	6.99	8.49	10.58	12.32	15.1	17.39	
G605/40/50W	60	5	75.9	U	2550	637	283	159	102	70	52	39	31	25	21	17	15		
			D	0.11	0.46	1.03	1.84	2.89	4.12	4.27	7.32	9.36	11.57	14.31	16.54	20.21			
G605/40/100W			72.9	C	255	127	85	63	51	42	36	31	28	25	23	21	19		
				D	0.09	0.37	0.83	1.46	2.31	3.31	4.52	5.84	7.56	9.32	11.5	13.74	15.97		
G555/40/50W	55	5	70.1	U	2142	535	238	133	85	59	43	33	26	21	17	14			
			D	0.13	0.5	1.13	2	3.13	4.51	4.59	8.05	10.22	12.66	15.11	17.77				
G555/40/100W			67.1	C	214	107	71	53	42	35	30	26	23	21	19	17			
				D	0.1	0.4	0.9	1.59	2.48	3.58	4.9	6.38	8.09	10.2	12.39	14.54			
G505/40/50W	50	5	64.2	U	1770	442	196	110	70	49	36	27	21	17	14				
			D	0.14	0.55	1.24	2.2	3.43	5	5.12	8.79	11.02	13.69	16.64					
G505/40/100W			61.2	C	177	88	59	44	35	29	25	22	19	17	16				
				D	0.11	0.44	0.99	1.76	2.75	3.96	5.45	7.2	8.93	11.05	13.95				
G503/40/50W	50	3	42.6	U	1062	265	118	66	42	29	21	16	13	10					
			D	0.14	0.55	1.24	2.2	3.43	4.94	4.99	8.71	11.4	13.49						
G503/40/100W			39.6	C	106	53	35	26	21	17	15	13	11	10					
				D	0.11	0.44	0.98	1.74	2.75	3.87	5.46	7.11	8.66	10.9					
G455/40/50W	45	5	58.4	U	1434	358	159	89	57	39	29	22	17	14	11				
			D	0.15	0.61	1.38	2.44	3.83	5.46	5.67	9.85	12.28	15.53	18.05					
G455/40/100W			55.4	C	143	71	47	35	28	23	20	17	15	14	13				
				D	0.12	0.49	1.09	1.92	3.02	4.31	5.99	7.67	9.72	12.54	15.64				
G405/40/50W	40	5	52.6	U	1133	283	125	70	45	31	23	17	13	11					
			D	0.17	0.69	1.54	2.74	4.32	6.2	6.42	10.88	13.45	17.47						
G405/40/100W			49.6	C	113	56	37	28	22	18	16	14	12	11					
				D	0.14	0.54	1.22	2.19	3.39	4.82	6.85	9.02	11.13	14.13					
G403/40/50W	40	3	35.3	U	680	170	75	42	27	18	13	10	8						
			D	0.17	0.69	1.54	2.74	4.32	6.01	6.08	10.71	13.84							
G403/40/100W			32.3	C	68	34	22	17	13	11	9	8	7						
				D	0.14	0.55	1.21	2.22	3.34	4.92	6.45	8.64	10.9						
G355/40/50W	35	5	46.8	U	867	216	96	54	34	24	17	13	10						
			D	0.2	0.78	1.77	3.16	4.88	7.18	7.12	12.48	15.54							
G355/40/100W			43.8	C	86	43	28	21	17	14	12	10	9						
				D	0.16	0.62	1.38	2.46	3.91	5.61	7.71	9.7	12.57						
G353/40/50W	35	3	31.6	U	520	130	57	32	20	14	10	8							
			D	0.2	0.79	1.75	3.12	4.79	7	7.01	12.85								
G353/40/100W			28.6	C	52	26	17	13	10	8	7	6							
				D	0.16	0.63	1.4	2.54	3.85	5.37	7.53	9.75							
G325/40/50W	32	5	43.3	U	725	181	80	45	29	20	14	11							
			D	0.21	0.86	1.93	3.45	5.45	7.84	7.7	13.86								
G325/40/100W			40.3	C	72	36	24	18	14	12	10	9							
				D	0.17	0.68	1.55	2.76	4.23	6.31	8.43	11.44							
G323/40/50W	32	3	29.4	U	435	108	48	27	17	12	8								
			D	0.21	0.86	1.93	3.45	5.34	7.86	7.37									
G323/40/100W			26.4	C	43	21	14	10	8	7	6								
				D	0.17	0.67	1.5	2.56	4.04	6.16	8.47								
G255/40/50W	25	5	35.1	U	442	110	49	27	17	12	9								
			D	0.27	1.1	2.48	4.35	6.74	9.94	10.46									
G255/40/100W			32.1	C	44	22	14	11	8	7	6								
				D	0.22	0.88	1.9	3.55	5.1	7.79	10.74								
G253/40/50W	25	3	24.3	U	265	66	29	16	10	7									
			D	0.27	1.1	2.45	4.3	6.63	9.71										
G253/40/100W			21.3	C	26	13	8	6	5	4									
				D	0.22	0.87	1.81	3.24	5.33	7.48									
G205/40/50W	20	5	29.3	U	283	70	31	17	11	7									
			D	0.34	1.36	3.08	5.37	8.56	11.46										
G205/40/100W			26.3	C	28	14	9	7	5	4									
				D	0.27	1.09	2.39	4.44	6.29	8.84									
G203/40/50W	20	3	20.6	U	170	42	18	10	6										
			D	0.34	1.37	2.98	5.28	7.84											
G203/40/100W			17.6	C	17	8	5	4	3										
				D	0.28	1.04	2.22	4.25	6.32										

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.