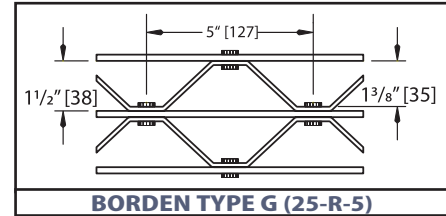









Riveted Grating
WHEEL LOADS


Grating Type	Weight lbs./ft ² kg/m ²	Moment of Inertia in. ⁴ mm ⁴	Section Modulus in. ³ mm ³	Span (inches) (mm)						
										
				CL-625 par.	CL-625 per.	OBC	H20	5 TON	3 ton	Car Traffic
G-8-4	14.59	0.4821	0.6429	11.50	15.19	28.27	14.84	10.11	8.65	26.20
1 1/2" x 1/4"	71.22	200683	10535	292	386	718	377	257	220	665
G-8-6	18.09	0.6750	0.9000	14.18	16.55	31.70	16.85	12.07	10.89	32.69
1 1/2" x 3/8"	88.31	280956	14748	360	420	805	428	306	277	830
G-9-4	16.05	0.7656	0.8750	13.85	16.34	33.04	16.59	11.77	10.52	34.22
1 3/4" x 1/4"	78.34	318677	14339	352	415	839	421	299	267	869
G-9-6	20.13	1.0719	1.2250	17.50	18.19	37.55	19.32	14.44	13.56	40.96
1 3/4" x 3/8"	98.28	446148	20074	444	462	954	491	367	344	1040
G-10-4	17.50	1.1429	1.1429	16.55	17.67	38.38	18.61	13.70	12.66	41.82
2" x 1/4"	85.46	475693	18728	420	449	975	473	348	322	1062
G-10-6	22.17	1.6000	1.6000	21.32	20.09	44.05	22.18	17.17	16.63	49.89
2" x 3/8"	108.25	665970	26219	542	510	1119	563	436	423	1267
G-11-4	18.96	1.6272	1.4464	19.62	19.18	44.22	20.89	15.87	15.10	49.77
2 1/4" x 1/4"	92.58	677305	23703	498	487	1123	531	403	383	1264
G-11-6	24.21	2.2781	2.0250	25.66	22.24	50.78	25.41	20.27	20.12	56.12
2 1/4" x 3/8"	118.22	948227	33184	652	565	1290	646	515	511	1425
G-12-4	21.59	2.2321	1.7857	23.05	20.86	50.37	23.45	18.31	17.82	55.33
2 1/2" x 1/4"	105.41	929088	29263	586	530	1279	596	465	453	1406
G-12-6	27.42	3.1250	2.5000	30.50	24.64	55.90	29.03	23.74	24.02	62.30
2 1/2" x 3/8"	133.89	1300723	40968	775	626	1420	737	603	610	1582
G-13-4	23.05	2.9710	2.1607	26.84	22.72	54.93	26.27	20.99	20.83	60.83
2 3/4" x 1/4"	112.53	1236616	35408	682	577	1395	667	533	529	1545
G-14-4	24.51	3.8571	2.5714	30.99	24.76	59.53	29.37	23.94	24.12	66.33
3" x 1/4"	119.65	1605464	42138	787	629	1512	746	608	603	1685
G-14-6	33.84	5.4000	3.6000	41.72	30.20	66.24	37.40	31.76	33.05	74.72
3" x 3/8"	165.22	2247650	58993	1060	767	1683	950	807	840	1898
G-16-4	29.76	6.1250	3.5000	40.38	29.37	68.78	36.36	30.60	31.56	77.34
3 1/2" x 1/4"	145.29	2549417	57355	1026	746	1747	924	777	802	1965
G-16-6	37.92	8.5750	4.9000	54.98	36.77	76.67	47.30	41.24	43.73	87.13
3 1/2" x 3/8"	185.16	3569184	80297	1397	934	1948	1201	1048	1111	2213
G-18-4	32.67	9.1429	4.5714	51.21	34.69	78.09	44.43	38.28	40.16	88.36
4" x 1/4"	159.53	3805544	74912	1301	881	1984	1129	972	1020	2244
G-18-6	42.01	12.8000	6.4000	65.97	44.35	87.17	58.72	52.19	56.04	99.54
4" x 3/8"	205.10	5327762	104877	1676	1126	2214	1491	1326	1423	2528
G-20-4	35.59	13.0179	5.7857	63.49	40.71	87.45	53.58	46.99	49.89	99.37
4 1/2" x 1/4"	173.77	5418441	94811	1613	1034	2221	1361	1194	1267	2524
G-20-6	46.09	18.2250	8.1000	74.16	52.94	97.70	67.99	64.59	68.92	111.96
4 1/2" x 3/8"	225.03	7585818	132735	1884	1345	2482	1727	1641	1750	2844
G-22-4	38.51	17.8571	7.1429	73.46	47.45	96.85	63.80	56.72	60.77	110.39
5" x 1/4"	188.01	7432704	117050	1866	1205	2460	1621	1441	1544	2804
G-22-6	54.26	33.2750	12.1000	90.56	72.75	118.84	82.74	81.06	84.18	136.80
5" x 3/8"	264.91	13850101	198283	2300	1848	3019	2102	2059	2138	3475