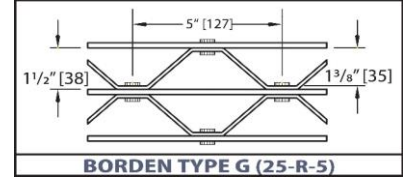




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Riveted Grating

WHEEL LOADS



Grating type	Weight lbs./ft <sup>2</sup> kg/m <sup>2</sup>	I in. <sup>4</sup> mm <sup>4</sup>	I/bar	S in. <sup>3</sup> mm <sup>3</sup>	Span (inches) (mm)										
					CL-625		OBC			H20	5 TON	3 ton	1 ton	Car	
					parallel	perpendicular	veh>9000 kg		4000kg to 9000kg	parallel	perpendicular	parallel	perpendicular	parallel	perpendicular
							parallel	perpendicular	parallel						
G-8-4	14.59	0.4821	0.0703	0.6429	Span L	Span L	Span L	Span L	Span L	Span L	Span L	Span L	Span L	Span L	Span L
1 1/2"x1/4"	71.22	200683		10535	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
G-8-6	18.09	0.6750	0.1055	0.9000	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1 1/2"x3/8"	88.31	280956		14748	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
G-9-4	16.05	0.7656	0.1117	0.8750	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
1 3/4"x1/4"	78.34	318677		14339	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
G-9-6	20.13	1.0719	0.1675	1.2250	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
1 3/4"x3/8"	98.28	446148		20074	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
G-10-4	17.50	1.1429	0.1667	1.1429	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
2"x1/4"	85.46	475693		18728	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
G-10-6	22.17	1.6000	0.2500	1.6000	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
2"x3/8"	108.25	665970		26219	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
G-11-4	18.96	1.6272	0.2373	1.4464	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
2 1/4"x1/4"	92.58	677305		23703	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
G-11-6	24.21	2.2781	0.3560	2.0250	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
2 1/4"x3/8"	118.22	948227		33184	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
G-12-4	21.59	2.2321	0.3255	1.7857	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
2 1/2"x1/4"	105.41	929088		29263	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
G-12-6	27.42	3.1250	0.4883	2.5000	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
2 1/2"x3/8"	133.89	1300723		40968	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
G-13-4	23.05	2.9710	0.4333	2.1607	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
2 3/4"x1/4"	112.53	1236616		35408	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
G-14-4	24.51	3.8571	0.5625	2.5714	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
3"x1/4"	119.65	1605464		42138	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
G-14-6	33.84	5.4000	0.8438	3.6000	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
3"x3/8"	165.22	2247650		58993	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
G-16-4	29.76	6.1250	0.8932	3.5000	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
3 1/2"x1/4"	145.29	2549417		57355	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
G-16-6	37.92	8.5750	1.3398	4.9000	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
3 1/2"x3/8"	185.16	3569184		80297	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
G-18-4	32.67	9.1429	1.3333	4.5714	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
4"x1/4"	159.53	3805544		74912	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
G-18-6	42.01	12.8000	2.0000	6.4000	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
4"x3/8"	205.10	5327762		104877	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
G-20-4	35.59	13.0179	1.8984	5.7857	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
4 1/2"x1/4"	173.77	5418441		94811	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
G-20-6	46.09	18.2250	2.8477	8.1000	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
4 1/2"x3/8"	225.03	7585818		132735	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
G-22-4	38.51	17.8571	2.6042	7.1429	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
5"x1/4"	188.01	7432704		117050	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
G-22-6	50.17	25.0000	3.9063	10.0000	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
5"x3/8"	244.97	10405786		163871	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
G-26-4	44.34	30.8571	4.5000	10.2857	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
6"x1/4"	216.49	12843713		168553	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
G-26-6	58.34	43.2000	6.7500	14.4000	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
6"x3/8"	284.84	17981198		235974	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm

Table compiled as per ANSI/NAAMM MBG 534-14

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