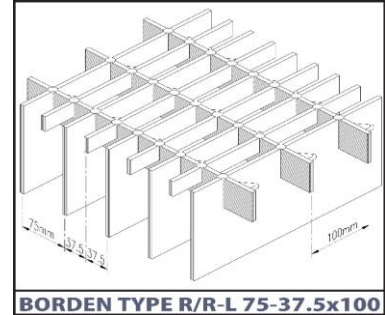
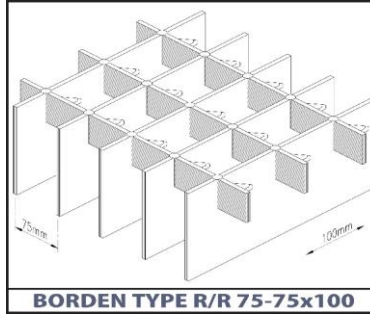




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**Rectangular Roadway  
Grating  
LOAD TABLE**



Bearing Bar Size	Weight		Moment of Inertia	Section Modulus	CAN/CSA-S6-00 CL-625								AASHTO HS20-1996					
					(in.)				(mm.)				(in.)				(mm.)	
	R/R	R/R-L			in. <sup>4</sup> /ft.	in. <sup>3</sup> /ft.	Bearing Bars Parallel to Traffic			Bearing Bars Perpendicular to Traffic			Bearing Bars Parallel to Traffic			Bearing Bars Perpendicular to Traffic		
	lbs./sq.ft.	lbs./sq.ft.					Strength	Deflection		Strength	Deflection		Strength	Deflection		Strength	Deflection	
kg/sq.m	kg/sq.m	mm <sup>4</sup> /m	mm <sup>3</sup> /m	L/800	L/700	L/600	L/800	L/700	L/600	L/800	L/700	L/600	L/800	L/700	L/600			
4"x1/4"	17.68	21.14	5.194	2.284	35.2	-	-	-	24.4	-	-	-	42.6	37.7	39.9	-		
102x6.35	86.32	103.21	7.09E+06	1.23E+05	894	-	-	-	620	-	-	-	1082	958	1013	-		
4 1/2"x1/4"	19.41	22.87	7.283	2.772	41.6	-	-	-	27.1	-	-	-	49.5	43.7	46.4	-		
114x6.35	94.77	111.66	9.95E+06	1.49E+05	1057	-	-	-	688	-	-	-	1257	1110	1179	-		
5"x1/4"	21.14	24.95	9.876	3.320	48.9	-	-	-	30.1	-	-	-	57.4	50.2	53.4	57.4		
127x6.35	103.21	121.82	1.35E+07	1.79E+05	1242	-	-	-	765	-	-	-	1458	1275	1356	1458		
5 1/2"x1/4"	22.87	26.32	13.033	3.942	57.1	56.8	-	-	33.6	-	-	-	66.3	57.1	60.8	65.4		
140x6.35	111.66	128.51	1.78E+07	2.12E+05	1450	1443	-	-	853	-	-	-	1684	1450	1544	1661		
6"x1/4"	24.59	28.05	16.821	4.637	66.3	64.4	-	-	37.4	-	-	-	76.2	64.4	68.7	73.9		
152x6.35	120.06	136.95	2.30E+07	2.49E+05	1684	1636	-	-	950	-	-	-	1935	1636	1745	1877		
6 1/2"x1/4"	26.32	29.78	21.303	5.409	76.5	72.4	-	-	41.7	-	-	-	87.2	72.1	76.9	82.9		
165x6.35	128.51	145.40	2.91E+07	2.91E+05	1943	1839	-	-	1059	-	-	-	2215	1831	1953	2106		
7"x1/4"	28.05	31.51	26.546	6.259	87.8	80.8	86.3	-	46.3	-	-	-	99.3	80.2	85.6	92.3		
178x6.35	136.95	153.85	3.63E+07	3.36E+05	2230	2052	2192	-	1176	-	-	-	2522	2037	2174	2344		

Revised April 2019