



Grating type	Weight lbs./ft. <sup>2</sup> kg/m <sup>2</sup>	I in. <sup>4</sup> mm <sup>4</sup>	S in. <sup>3</sup> mm <sup>3</sup>	CL-625		OBC			H20	5 TON	3 ton	1 ton	Car		
				Span L in. mm	Span L in. mm	>9000 kg		4000 kg to 9000 kg							
						parallel	perpendicular							parallel	perpendicular
8HD38-4	6.21	0.1053	0.2105	7.22	13.14	7.95	13.37	3.63	4.89	11.67	7.14	8730	5.39	5.58	9.50
1 1/2"x1/4"	30.33	43813.83	3449.91	183.51	333.79	201.91	339.56	92.10	124.21	296.42	181.35	8730	136.88	141.85	241.26
8HD38-4	7.29	0.2056	0.3289	8.48	13.78	9.65	14.24	4.34	6.31	12.61	8.06	8730	6.45	7.60	12.31
1 1/2"x1/4"	35.58	85574	5390	215	350	245	362	110	160	320	205	8730	164	193	313
8HD38-4	8.36	0.3553	0.4737	10.01	14.57	11.73	15.32	5.21	8.05	13.76	9.19	8730	7.75	10.07	15.75
1 1/2"x1/4"	40.82	147872	7762	254	370	298	389	132	204	349	233	8730	197	256	400
8HD38-6	11.59	0.5329	0.7105	12.51	15.85	15.14	17.07	6.63	10.89	15.64	11.03	8730	9.88	14.10	21.37
1 1/2"x3/8"	56.56	221808	11643	318	403	385	434	168	277	397	280	8730	251	358	543
9HD38-4	9.44	0.5641	0.6447	11.81	15.50	14.19	16.58	6.23	10.10	15.11	10.52	8730	9.29	12.98	19.81
1 3/4"x1/4"	46.07	234815	10565	300	394	361	421	158	257	384	267	8730	236	330	503
9HD38-6	13.20	0.8462	0.9671	15.22	17.24	18.83	18.97	8.17	13.97	17.67	13.03	8730	12.18	18.47	27.46
1 3/4"x3/8"	64.43	352222	15848	387	438	478	482	207	355	449	331	8730	309	469	698
10HD38-4	10.51	0.8421	0.8421	13.90	16.57	17.03	18.04	7.42	12.47	16.68	12.06	8730	11.06	16.34	24.49
2"x1/4"	51.32	350511	13800	353	421	433	458	188	317	424	306	8730	281	415	622
10HD38-6	14.81	1.2632	1.2632	18.35	18.85	23.09	21.16	9.95	17.53	20.02	15.34	8730	14.83	23.51	34.49
2"x3/8"	72.30	525766	20699	466	479	586	537	253	445	509	390	8730	377	597	876
11HD38-4	11.59	1.1990	1.0658	16.26	17.78	20.25	19.70	8.76	15.16	18.45	13.80	8730	13.06	20.15	29.80
2 1/4"x1/4"	56.56	499067	17465	413	452	514	500	223	385	469	351	8730	332	512	757
11HD38-6	16.42	1.7985	1.5987	21.90	20.67	27.91	23.64	11.96	21.56	22.68	17.95	8730	17.84	29.22	42.46
2 1/4"x3/8"	80.17	748600	26198	556	525	709	600	304	548	576	456	8730	453	742	1078
12HD38-4	12.66	1.6447	1.3158	18.91	19.13	23.85	21.54	10.26	18.16	20.44	15.75	8730	15.31	24.40	35.74
2 1/2"x1/4"	61.81	684591	21562	480	486	606	547	261	461	519	400	8730	389	620	908
12HD38-6	18.03	2.4671	1.9737	25.86	22.70	33.31	26.41	14.21	26.06	25.66	20.87	8730	21.21	35.61	50.58
2 1/2"x3/8"	88.04	1026887	32343	657	577	846	671	361	662	652	530	8730	539	904	1285
13HD38-4	13.73	2.1891	1.5921	21.83	20.63	27.82	23.59	11.92	21.48	22.63	17.90	8730	17.79	29.11	42.30
2 3/4"x1/4"	67.06	911191	26090	554	524	707	599	303	546	575	455	8730	452	739	1074
14HD38-4	14.81	2.8421	1.8947	25.02	22.27	32.17	25.83	13.74	25.11	25.03	20.26	8730	20.50	34.26	49.48
3"x1/4"	72.30	1182974	31049	636	566	817	656	349	638	636	515	8730	521	870	1257
14HD38-6	21.26	4.2632	2.8421	35.04	27.41	45.80	32.84	19.42	36.49	32.55	27.64	8730	29.00	50.39	60.60
3"x3/8"	103.78	1774460	46574	890	696	1163	834	493	927	827	702	8730	737	1280	1539
16HD38-4	16.96	4.5132	2.5789	32.26	25.98	42.01	30.89	17.85	33.33	30.46	25.59	8730	26.64	45.91	61.76
3 1/2"x1/4"	82.80	1878518	42261	819	660	1067	785	453	847	774	650	8730	677	1166	1569
16HD38-6	24.48	6.7697	3.8684	45.88	32.97	59.88	40.43	25.59	48.81	40.69	35.63	8730	38.21	63.10	70.64
3 1/2"x3/8"	119.52	2817777	63392	1165	838	1521	1027	650	1240	1033	905	8730	971	1603	1794
18HD38-4	19.11	6.7368	3.3684	40.60	30.26	53.37	36.73	22.58	42.81	36.72	31.74	8730	33.72	59.35	70.52
4"x1/4"	93.29	2804085	55199	1031	769	1356	933	574	1087	933	806	8730	857	1508	1791
18HD38-6	27.70	10.1053	5.0526	58.40	39.40	68.36	49.19	32.70	63.03	50.08	44.86	8730	48.84	72.10	80.68
4"x3/8"	135.26	4206128	82798	1483	1001	1736	1249	830	1601	1272	1139	8730	1240	1831	2049
20HD38-4	21.26	9.5921	4.2632	50.05	35.11	66.24	43.35	27.96	53.55	43.82	38.71	8730	41.75	70.86	79.30
4 1/2"x1/4"	103.78	3992536	69861	1271	892	1682	1101	710	1360	1113	983	8730	1061	1800	2014
20HD38-6	30.93	14.3882	6.3947	69.40	46.67	76.86	59.12	40.75	72.21	60.73	55.31	8730	60.88	81.11	90.73
4 1/2"x3/8"	151.00	5988803	104791	1763	1185	1952	1502	1035	1834	1542	1405	8730	1546	2060	2304
22HD38-4	23.41	13.1579	5.2632	60.62	40.54	74.61	50.75	33.96	65.56	51.75	46.50	8730	50.73	78.73	88.07
5"x1/4"	114.27	5476729	86248	1540	1030	1895	1289	863	1665	1314	1181	8730	1288	2000	2237
22HD38-6	34.79	19.7368	7.8947	77.07	54.81	85.35	69.48	49.76	80.23	70.73	66.99	8730	72.87	90.11	100.78
5"x3/8"	169.85	8215094	129372	1958	1392	2168	1765	1264	2038	1797	1702	8730	1851	2289	2560

PANEL WIDTHS (inches)																
# Bars	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
1/4" Bars	2 5/8	5	7 3/8	9 3/4	12 1/8	14 1/2	16 7/8	19 1/4	21 5/8	24	26 3/8	28 3/4	31 1/8	33 1/2	35 7/8	
3/8" Bars	2 3/4	5 1/8	7 1/2	9 7/8	12 1/4	14 5/8	17	19 3/8	21 3/4	24 1/8	26 1/2	28 7/8	31 1/4	33 5/8	36	