



Grating type	Weight lbs./ft ² kg/m ²	I in. ⁴ kg/m ³	S in. ³ kg/m ³	CL-625		OBC				H20	5 TON	3 ton	1 ton	Car		
				Span L in. kg/m ²⁰	Span L in. kg/m ³³	> 9000 kg		Span L in. kg/m ⁴⁶	Span L in. kg/m ⁵⁹						Span L in. kg/m ⁷²	Span L in. kg/m ⁸⁵
						parallel	perpendicular									
4HD22-4	9.34	0.1818	0.3636	8.58	13.70	9.78	14.13	4.08	5.81	12.65	7.97	6.21	6.78	11.88		
1"x1/4"	45.59	75678	5959	218	348	248	359	104	147	321	203	158	172	302		
6HD22-4	11.19	0.3551	0.5682	10.59	14.66	12.52	15.44	5.05	7.74	14.14	9.36	7.73	9.46	16.03		
1 1/4"x1/4"	54.66	147809	9311	269	372	318	392	128	197	359	238	196	240	407		
8HD22-4	13.05	0.6136	0.8182	13.05	15.83	15.86	17.03	6.24	10.11	15.97	11.06	9.59	12.75	21.10		
1 1/2"x1/4"	63.72	255415	13408	331	402	403	433	158	257	406	281	244	324	536		
8HD22-6	18.62	0.9205	1.2273	17.07	17.75	21.33	19.65	8.17	13.99	18.95	13.85	12.64	18.12	29.21		
1 1/2"x3/8"	90.90	383122	20111	434	451	542	499	208	355	481	352	321	460	742		
9HD22-4	14.91	0.9744	1.1136	15.95	17.22	19.81	18.92	7.64	12.91	18.12	13.07	11.79	16.63	27.09		
1 3/4"x1/4"	72.78	405589	18249	405	437	503	481	194	328	460	332	300	422	668		
9HD22-6	21.40	1.4616	1.6705	21.43	19.83	27.25	22.47	10.27	18.19	22.18	16.86	15.94	23.94	36.48		
1 3/4"x3/8"	104.50	608384	27374	544	504	692	571	261	462	563	428	405	608	926		
10HD22-4	16.76	1.4545	1.4545	19.30	18.82	24.37	21.10	9.25	16.14	20.61	15.39	14.33	21.11	34.01		
2"x1/4"	81.84	605428	23836	490	478	619	536	235	410	523	391	364	536	864		
10HD22-6	24.19	2.1818	2.1818	26.45	22.23	34.09	25.74	12.70	23.03	25.91	20.34	19.74	30.66	44.34		
2"x3/8"	118.09	908141	35754	672	565	866	654	322	585	658	517	502	779	1126		
11HD22-4	18.62	2.0710	1.8409	23.10	20.63	29.53	23.56	11.08	19.80	23.42	18.02	17.21	26.18	41.85		
2 1/4"x1/4"	90.90	862025	30167	587	524	750	598	281	503	595	458	437	665	1063		
11HD22-6	26.97	3.1065	2.7614	32.15	24.94	41.84	29.44	15.44	28.52	30.13	24.28	24.06	38.27	51.81		
2 1/4"x3/8"	131.68	1293037	45251	817	634	1063	748	392	724	765	617	611	972	1316		
12HD22-4	20.47	2.8409	2.2727	27.35	22.65	35.31	26.32	13.13	23.89	26.57	20.95	20.42	31.85	50.31		
2 1/2"x1/4"	99.97	1182476	37243	695	575	897	669	333	607	675	532	519	809	1278		
12HD22-6	29.75	4.2614	3.4091	38.52	27.98	50.16	33.57	18.51	34.65	34.86	28.68	28.88	46.78	57.52		
2 1/2"x3/8"	145.28	1773713	55865	978	711	1274	853	470	880	885	729	734	1188	1461		
13HD22-4	22.33	3.7813	2.7500	32.04	24.89	41.69	29.37	15.39	28.41	30.05	24.20	23.98	38.12	55.29		
2 3/4"x1/4"	109.03	1573875	45064	814	632	1059	746	391	722	763	615	609	968	1404		
14HD22-4	24.19	4.9091	3.2727	37.18	27.34	48.67	32.70	17.86	33.36	33.86	27.76	27.87	44.99	60.27		
3"x1/4"	118.09	2043318	53630	944	694	1236	831	454	847	860	705	708	1143	1531		
14HD22-6	35.32	7.3636	4.9091	53.27	35.01	60.08	43.15	25.61	48.86	45.80	38.88	40.05	59.52	68.94		
3"x3/8"	172.46	3064977	80446	1353	889	1526	1096	651	1241	1163	988	1017	1512	1751		
16HD22-4	27.90	7.7955	4.4545	48.80	32.88	61.23	40.25	23.46	44.56	42.48	35.79	36.67	60.51	70.26		
3 1/2"x1/4"	136.21	3244713	72997	1240	835	1555	1022	596	1132	1079	909	931	1537	1785		
16HD22-6	40.89	11.6932	6.6818	63.26	43.32	70.02	54.47	34.01	62.28	58.10	50.94	53.25	69.42	80.37		
3 1/2"x3/8"	199.65	4867070	109495	1607	1100	1779	1383	864	1582	1476	1294	1353	1763	2041		
18HD22-4	31.61	11.6364	5.8182	62.21	39.27	69.93	48.95	29.92	57.47	52.42	45.06	46.82	69.32	80.26		
4"x1/4"	154.34	4843420	95343	1580	997	1776	1243	760	1460	1332	1145	1189	1761	2039		
18HD22-6	46.46	17.4545	8.7273	72.23	52.90	79.97	63.70	43.70	71.16	66.12	63.98	65.75	79.33	91.81		
4"x3/8"	226.84	7265130	143014	1835	1344	2031	1618	1110	1808	1679	1625	1670	2015	2332		
20HD22-4	35.32	16.5682	7.3636	70.97	46.51	78.57	58.82	37.24	69.94	63.69	55.57	58.33	77.97	90.23		
4 1/2"x1/4"	172.46	6896198	120668	1803	1181	1996	1494	946	1776	1618	1412	1481	1980	2292		
20HD22-6	52.03	24.8523	11.0455	81.20	63.77	89.91	71.36	54.68	80.04	74.17	71.90	73.94	89.25	103.25		
4 1/2"x3/8"	254.02	10344297	181003	2063	1620	2284	1812	1389	2033	1884	1826	1878	2267	2623		
22HD22-4	39.04	22.7273	9.0909	78.84	54.61	87.29	69.33	45.42	77.70	72.04	67.32	71.19	86.62	104.12		
5"x1/4"	190.59	9459805	148973	2002	1387	2217	1761	1154	1974	1830	1710	1808	2200	2645		
22HD22-6	58.23	34.0909	13.6364	90.18	71.56	99.87	79.04	66.95	88.92	82.23	72.63	82.13	99.16	114.70		
5"x3/8"	284.32	14189708	223460	2291	1818	2537	2008	1700	2259	2089	1845	2086	2519	2913		

PANEL WIDTHS (inches)														
# Bars	2	3	4	5	6	7	8	9	10	11	12	13	14	
1/4" Bars	1 5/8	3	4 3/8	5 3/4	7 1/8	8 1/2	9 7/8	11 1/4	12 5/8	14	15 3/8	16 3/4	18 1/8	
3/8" Bars	1 3/4	3 1/8	4 1/2	5 7/8	7 1/4	8 5/8	10	11 3/8	12 3/4	14 1/8	15 1/2	16 7/8	18 1/4	
# Bars	15	16	17	18	19	20	21	22	23	24	25	26	27	
1/4" Bars	19 1/2	20 7/8	22 1/4	23 5/8	25	26 3/8	27 3/4	29 1/8	30 1/2	31 7/8	33 1/4	34 5/8	36	
3/8" Bars	19 5/8	21	22 3/8	23 3/4	25 1/8	26 1/2	27 7/8	29 1/4	30 5/8	32	33 3/8	34 3/4	36 1/8	