STEEL GRATING

HEAVY DUTY, PRESS-WELDED

HS SERIES | 40 MM BEARING BAR PITCH | PLAIN FLAT BAR | CROSS BAR 100 MM

CARBON & GALVANIZED STEEL SAFE LOAD TABLE

TYPE	BB WIDTH (mm)	BB THK (mm)	CROSS BAR (mm)	WEIGHT kg/m²	LOAD/ DEFL	CLEAR SPAN (mm)														
						200	400	600	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000
HS-G1508/40/100	150	8	8x8	284.9	U	25500	6375	2883	1593	1020	708	520	398	314	255	210	177	130	113	150
					D	0.05	0.18	0.41	0.73	1.15	1.66	2.26	2.95	3.74	4.63	5.6	6.7	9.17	10.54	7.85
					C	2550	1275	850	637	510	425	364	318	283	255	231	212	182	170	196
					D	0.04	0.15	0.33	0.59	0.92	1.33	1.81	2.36	3	3.72	4.5	5.37	7.38	8.51	6.34
HS-G1308/40/100	130	8	8x8	247.6	U	19153	4788	2128	1197	766	532	390	299	236	191	158	133	97	85	113
					D	0.05	0.21	0.48	0.85	1.33	1.91	2.6	3.41	4.32	5.34	6.49	7.76	10.55	12.22	9.11
					C	1915	957	638	478	383	319	273	239	212	191	174	159	136	127	147
					D	0.04	0.17	0.38	0.68	1.06	1.53	2.09	2.73	3.46	4.29	5.22	6.21	8.5	9.81	7.33
HS-G1208/40/100	120	8	8x8	229.0	U	16320	4080	1813	1020	653	453	333	255	201	163	134	113	83	72	96
					D	0.06	0.23	0.52	0.92	1.44	2.07	2.83	3.7	4.68	5.8	7	8.39	11.5	13.2	9.85
					C	1632	816	544	408	326	272	233	204	181	163	148	136	116	108	125
					D	0.05	0.18	0.41	0.74	1.15	1.66	2.26	2.97	3.76	4.66	5.65	6.77	9.24	10.64	7.94
HS-G1008/40/100	100	8	8x8	191.7	U	11333	2833	1259	708	453	314	231	177	139	113	93	78	57	50	67
					D	0.07	0.28	0.62	1.1	1.73	2.48	3.39	4.45	5.61	6.97	8.43	10.05	3.73	15.94	11.94
					C	1133	566	377	283	226	188	161	141	125	113	103	94	80	75	87
					D	0.06	0.22	0.5	0.88	1.38	1.99	2.71	3.55	4.5	5.6	6.82	8.12	11.09	12.86	9.6
HS-G908/40/100	90	8	8x8	173.1	U	9180	2295	1020	573	367	255	187	143	113	91	75	63	46	40	54
					D	0.06	0.31	0.69	1.22	1.92	2.77	3.77	4.93	6.26	7.72	9.35	11.17	5.25	17.57	13.24
					C	918	459	306	229	183	153	131	114	102	91	83	76	65	61	70
					D	0.06	0.24	0.55	0.98	1.53	2.22	3.03	3.94	5.04	6.2	7.56	9.04	12.42	14.42	10.64
HS-G808/40/100	80	8	8x8	154.4	U	7253	1813	805	453	290	201	148	113	89	72	59	50	37	32	42
					D	0.09	0.34	0.77	1.38	2.16	3.11	4.25	5.56	7.04	8.71	10.5	12.66	17.53	20.11	14.73
					C	725	362	241	181	145	120	103	90	80	72	65	60	51	48	55
					D	0.07	0.27	0.62	1.1	1.73	2.48	3.39	4.44	6.65	7.01	8.47	10.2	13.96	16.27	11.97
HS-G758/40/100	75	8	8x8	145.1	U	6375	1593	708	398	255	177	130	99	78	63	52	44	32	28	37
					D	0.09	0.37	0.83	1.47	2.3	3.33	4.54	5.92	7.5	9.27	1.25	13.55	18.47	21.42	15.78
					C	637	318	212	159	127	106	91	79	70	63	57	53	45	42	49
					D	0.07	0.29	0.66	1.18	1.84	2.66	3.64	4.74	6.01	7.45	9.03	0.96	14.99	17.35	12.97

U - Uniform load, kN/m². **D** - Deflection, mm. **C** - Concentrated line load, kN/m of width. **|** Spans listed are clear spans between supports. At a design uniform load of 5.0 kN/m², the deflections to the left of the heavy line meet span/200 or no more than 10 mm. Self weight is the weight before edging and surface treatment. Technical information is theoretical and for evaluation by technically skilled persons. **HANGSHUN** accepts no liability for results obtained from improper evaluation or use of bar grating.

© HangShun Co., Ltd.

STEEL GRATING

HEAVY DUTY, PRESS-WELDED

HS SERIES | 40 MM BEARING BAR PITCH | PLAIN FLAT BAR | CROSS BAR 100 MM

CARBON & GALVANIZED STEEL SAFE LOAD TABLE

TYPE	BB WIDTH (mm)	BB THK (mm)	CROSS BAR (mm)	WEIGHT kg/m²	LOAD/ DEFL	CLEAR SPAN (mm)														
						200	400	600	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000
HS-G756/30/100	75	6	8x8	140.1	U	6375	1593	708	398	255	177	130	99	78	63	52	44	32	28	37
					D	0.09	0.37	0.83	1.47	2.3	3.33	4.54	5.91	7.49	9.26	11.24	3.53	18.44	21.39	15.76
					C	637	318	212	159	127	106	91	79	70	63	57	53	45	42	49
					D	0.07	0.29	0.66	1.18	1.84	2.66	364	4.74	6	7.45	9.02	10.95	4.97	17.31	12.95
HS-G756/40/100	75	6	8x8	110.1	U	4781	1195	531	298	191	132	97	74	59	47	39	33	24	21	28
					D	0.09	0.37	0.83	1.47	2.3	3.31	4.52	5.9	7.56	9.22	11.25	3.55	18.48	21.44	15.93
					C	478	239	159	119	95	79	68	59	53	47	43	34	29	31	36
					D	0.07	0.29	0.66	1.17	1.84	2.64	3.63	4.72	60.6	7.42	9.08	10.77	15.11	17.1	12.73
HS-G706/30/100	70	6	8x8	131.1	U	5553	1388	617	347	222	154	113	86	68	55	45	38	28	24	32
					D	0.1	0.39	0.89	1.58	2.47	3.56	4.85	6.32	8.04	9.96	11.99	14.41	19.9	22.65	16.82
					C	555	277	185	138	111	92	79	69	61	55	50	46	39	37	42
					D	0.08	0.31	0.71	1.26	1.98	2.84	3.89	5.09	6.44	8.01	9.75	11.72	16.02	18.82	13.71
HS-G706/40/100	70	6	8x8	103.2	U	4165	1041	462	260	166	115	85	65	51	41	34	28	21	18	24
					D	0.1	0.39	0.88	1.58	2.46	3.55	4.87	6.38	8.05	9.91	12.09	14.19	19.95	22.7	16.85
					C	416	208	138	104	83	69	59	52	46	41	37	34	29	27	32
					D	0.08	0.31	0.71	1.26	1.97	2.84	3.88	5.12	6.48	7.98	9.64	11.58	15.93	18.4	13.95

U - Uniform load, kN/m². **D** - Deflection, mm. **C** - Concentrated line load, kN/m of width. **|** Spans listed are clear spans between supports. At a design uniform load of 5.0 kN/m², the deflections to the left of the heavy line meet span/200 or no more than 10 mm. Self weight is the weight before edging and surface treatment. Technical information is theoretical and for evaluation by technically skilled persons. **HANGSHUN** accepts no liability for results obtained from improper evaluation or use of bar grating.

© HangShun Co., Ltd.