



HEAVY DUTY PRESS LOCKED GRATINGS

Heavy duty gratings are press locked gratings. The bearing bars and the cross bars are inter-locked with one another and then processed at a pressure of 12,000 kN.

Due to their high stability and safety, heavy duty gratings are used where large support widths and high wheel loads are required.

Heavy duty gratings can be also produced in stainless-steel

 Vehicle access: trucks up to 3 tonnes in overall weight.

 Vehicle access: trucks up to 9 tonnes in overall weight.

 Vehicle access: trucks up to 30 tonnes in overall weight.

 Vehicle access: trucks up to 60 tonnes in overall weight.

* Support width = clearance between the supports.

 Point load in kN

The values shown have been calculated for maximum permissible load rating on the basis of the relevant load carrying area and bearing bar spacing of 50 mm.

Conversion factor for kg into kN

10 kN - 1 tonne

1 kN - 100 kg

Bearing bars (mm) other bearing bars upto 200x12 on request.												
	80 x 8	90 x 8	100 x 8	110 x 8	120 x 8	130 x 8	140 x 8	150 x 8	80 x 10	90 x 10	100 x 10	110 x 10
Support width * (mm)	F _P	F _P	F _P	F _P	F _P	F _P	F _P	F _P	F _P	F _P	F _P	F _P
300	163,84	207,36	256,00	309,76	368,64	432,64	501,76	576,00	204,80	259,20	320,00	387,20
400	122,88	155,52	192,00	232,32	276,48	324,43	376,32	432,00	153,60	194,40	240,00	290,40
500	81,92	124,42	153,60	185,86	221,18	259,58	301,06	345,60	122,88	155,52	192,00	232,32
600	61,44	103,68	128,00	154,88	184,32	216,32	250,88	288,00	102,40	129,60	160,00	193,60
700	43,12	62,21	76,80	116,16	138,24	162,24	188,16	216,00	61,44	77,76	120,00	145,20
800	36,68	51,84	64,00	77,44	110,59	129,79	150,53	172,80	51,20	64,80	80,00	116,16
900	31,92	40,39	54,86	66,38	78,99	108,16	125,44	144,00	39,90	55,54	68,57	82,97
1000	27,31	35,75	44,14	58,08	69,12	81,12	107,52	123,43	35,31	44,69	60,00	72,60
1100	24,58	32,07	39,59	51,63	61,44	72,11	83,63	108,00	31,67	40,08	53,33	64,53
1200	22,34	28,28	35,89	43,42	55,30	64,90	75,26	86,40	27,93	36,34	44,86	58,08
1300	20,48	25,92	32,82	39,71	50,27	59,00	68,42	78,55	25,60	33,23	41,03	52,80
1400	18,90	23,93	30,24	36,59	43,54	54,08	62,72	72,00	23,63	30,61	37,80	45,73
1500	17,55	22,22	27,43	33,92	40,36	47,37	57,90	66,46	21,94	27,77	35,04	42,39
1600	16,38	20,74	25,60	31,61	37,62	44,15	53,76	61,71	20,48	25,92	32,65	39,51
1700	15,36	19,44	24,00	29,04	35,22	41,34	50,18	57,60	19,20	24,30	30,57	36,99
1800	14,46	18,30	22,59	27,33	33,11	38,86	45,07	54,00	18,07	22,87	28,24	34,78
1900	13,65	17,28	21,33	25,81	31,24	36,66	42,52	50,82	17,07	21,60	26,67	32,81
2000	12,93	16,37	20,21	24,45	29,10	34,70	40,25	46,20	16,17	20,46	25,26	31,06