

### Loadtable Material S 235 JR

Values are for pitch of P grating- 33x33 mm and pitch of SP grating- 34x38 mm

Bearing bar dimension [mm]	Approx. gal. weight [kg/m²]	Contact area [mm]	Wheel load [kN]					Contact area [mm]	Wheel load [kN]			
			4,5/6,3	7,5/10,5	10/14	20/28	30/42		40/56	50/70	75/105	100/140
25 x 2	P = 17,4 SP = 16,9	100 x 100	190/150	130/110				200 x 300				
		150 x 150	260/210	180/150	160/130	110/100		200 x 400				
		200 x 200			200/170	150/130	130/120	200 x 500				
		200 x 260			220/190	160/140	140/130	200 x 600				
25 x 3	P = 24,9 SP = 23,1	100 x 100	270/200	180/140	140/120			200 x 300				
		150 x 150	360/270	240/190	200/160	130/120		200 x 400				
		200 x 200			250/210	190/150	150/130	200 x 500				
		200 x 260			280/230	190/160	160/140	200 x 600				
30 x 2	P = 20,2 SP = 19,6	100 x 100	260/200	170/140	140/110			200 x 300				
		150 x 150	340/260	230/190	190/160	130/110		200 x 400				
		200 x 200			240/200	170/150	140/130	200 x 500				
		200 x 260			270/230	190/160	160/140	200 x 600				
30 x 3	P = 29,1 SP = 27,1	100 x 100	360/270	230/180	190/150			200 x 300	170/150	160/140		
		150 x 150	480/360	310/240	250/200	160/140		200 x 400	190/160	170/150	150/130	
		200 x 200			320/260	210/180	170/150	200 x 500		190/160	160/140	
		200 x 260			350/290	230/190	190/160	200 x 600			170/150	150/130
40 x 2	P = 25,9 SP = 25,1	100 x 100	420/310	270/200	210/160			200 x 300	190/160	170/150		
		150 x 150	540/410	360/280	290/230	180/150		200 x 400	210/180	190/160	160/140	
		200 x 200			360/290	230/190	180/160	200 x 500		210/170	170/150	150/130
		200 x 260			390/320	260/210	200/170	200 x 600			180/160	160/140
40 x 3	P = 37,5 SP = 35,1	100 x 100	590/440	370/280	290/220			200 x 300	230/190	200/170		
		150 x 150	780/580	500/370	390/300	230/180		200 x 400	270/220	230/190	190/160	
		200 x 200			490/380	290/240	230/190	200 x 500		260/210	210/170	180/150
		200 x 260			520/410	320/270	250/210	200 x 600			220/190	190/160
40 x 4	P = 51,4 SP = 46,7	100 x 100	770/570	480/360	370/280			200 x 300	270/220	240/200		
		150 x 150	1020/750	640/480	500/370	280/220		200 x 400	320/260	280/230	220/180	
		200 x 200			620/470	360/280	270/220	200 x 500		320/250	240/200	210/170
		200 x 260			650/500	390/310	300/250	200 x 600			270/220	230/180
40 x 5	P = 62,2 SP = 57,1	100 x 100	960/700	590/440	460/340			200 x 300	310/260	270/220		
		150 x 150	1250/910	780/580	600/450	340/260		200 x 400	360/300	320/260	250/200	
		200 x 200			750/560	420/330	310/250	200 x 500		370/290	280/230	230/190
		200 x 260			780/590	450/360	340/280	200 x 600			310/250	260/210
50 x 5	P = 82,5 SP = 70,3	100 x 100	1410/1020	870/630	660/480			200 x 300	400/330	350/290		
		150 x 150	1860/1350	1140/840	880/650	470/360		200 x 400	450/370	400/340	330/260	
		200 x 200			1090/810	590/450	430/330	200 x 500		440/380	370/300	310/250
		200 x 260			1120/840	620/480	460/360	200 x 600			420/330	340/270
60 x 5	P = 96,5 SP = 83,6	100 x 100	1990/1440	1210/880	920/670			200 x 300	500/400	430/350		
		150 x 150		1600/1170	1220/890	650/480		200 x 400	550/450	480/400	380/330	
		200 x 200			1520/1110	810/600	570/430	200 x 500		530/440	430/370	390/310
		200 x 260			1550/1140	840/630	600/460	200 x 600			480/430	440/350
70 x 5	P = 110,5 SP = 96,8	100 x 100		1590/1150	1210/880			200 x 300	620/490	530/420		
		150 x 150			1610/1170	840/620		200 x 400	680/540	580/470	670/540	
		200 x 200			2000/1460	1050/780	730/550	200 x 500		630/520	500/430	440/380
		200 x 260			2030/1490	1080/810	760/580	200 x 600			550/480	490/430
80 x 5	P = 124,5 SP = 110,1	100 x 100			1520/1100			200 x 300	760/580	630/490		
		150 x 150			2030/1470	1050/770		200 x 400	810/630	680/540	520/430	
		200 x 200				1320/970	910/680	200 x 500		730/590	570/480	490/420
		200 x 260				1350/1000	940/710	200 x 600			620/530	540/470
90 x 5	P = 138,4	100 x 100						200 x 300	920/700	770/590		
		150 x 150				1340/980		200 x 400	970/750	820/640	610/490	
		200 x 200				1650/1210	1130/840	200 x 500		870/690	660/540	560/470
		200 x 260				1680/1240	1160/870	200 x 600			710/590	610/520
100 x 5	P = 152,4	100 x 100						200 x 300	1100/830	910/690		
		150 x 150				1630/1190		200 x 400	1150/870	950/730	700/550	
		200 x 200				2020/1470	1380/1010	200 x 500		1000/780	740/600	610/500
		200 x 260				2040/1490	1400/1040	200 x 600			790/640	660/550
110 x 5	P = 166,4	100 x 100						200 x 300	1260/940	1040/780		
		150 x 150				1875/1360		200 x 400		1090/830	790/620	
		200 x 200				2320/1690	1580/1160	200 x 500		1140/880	840/670	690/560
		200 x 260				2350/1720	1610/1190	200 x 600			890/720	740/610
120 x 5	P = 180,4	100 x 100						200 x 300	1440/1070	1180/890		
		150 x 150						200 x 400	1490/1120	1230/940	890/690	710/570
		200 x 200					1830/1330	200 x 500		1280/990	940/740	760/620
		200 x 260					1860/1360	200 x 600			990/790	810/670

1 kN = 1000 N = approx. 100 kg