

Loadtable Material S 355 JR

Values are for pitch of P grating- 33x33 mm

Bearing bar dimension [mm]	Approx. gal. weight [kg/m ²]	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	100 x 100	300/220	200/150				200 x 300				
		150 x 150	370/280	250/200	210/170	140/125		200 x 400				
		200 x 200			265/215	180/160	155/140	200 x 500				
		200 x 260			295/245	200/195	165/145	200 x 600				
25 x 3	P = 24,9	100 x 100	420/315	270/205	205/165			200 x 300				
		150 x 150	535/405	350/270	280/220	175/145		200 x 400				
		200 x 200			345/275	220/185	180/155	200 x 500				
		200 x 260			375/305	245/205	155/170	200 x 600				
30 x 2	P = 20,2	100 x 100	405/300	260/200	210/160			200 x 300				
		150 x 150	515/390	340/260	270/215	170/145		200 x 400				
		200 x 200			335/270	215/180	175/155	200 x 500				
		200 x 260			365/300	240/200	195/165	200 x 600				
30 x 3	P = 29,1	100 x 100	580/425	365/275	280/220			200 x 300	215/180	190/165		
		150 x 150	725/545	470/355	370/285	220/180		200 x 400	245/205	215/180	175/155	
		200 x 200			455/350	275/225	215/180	200 x 500		240/200	190/165	
		200 x 260			485/380	305/250	240/200	200 x 600			205/175	180/155
40 x 2	P = 25,9	100 x 100	650/480	410/310	320/245			200 x 300	235/195	210/175		
		150 x 150	830/610	530/400	415/315	245/195		200 x 400	270/220	235/195	190/165	
		200 x 200			510/390	305/245	235/195	200 x 500		265/215	210/175	180/160
		200 x 260			540/420	335/275	260/215	200 x 600			225/190	195/165
40 x 3	P = 37,5	100 x 100	960/700	595/440	460/340			200 x 300	300/245	260/215		
		150 x 150	1100/890	760/560	585/440	330/255		200 x 400	350/280	305/245	235/195	
		200 x 200			715/540	405/320	305/245	200 x 500		345/275	260/215	220/185
		200 x 260			745/570	435/350	335/275	200 x 600			290/235	240/200
40 x 4	P = 51,4	100 x 100	1135/920	780/570	595/440			200 x 300	370/290	310/250		
		150 x 150	1250/1110	990/720	760/560	415/315		200 x 400	400/340	360/290	280/220	
		200 x 200			920/690	510/390	370/290	200 x 500		410/330	315/255	260/210
		200 x 260			950/715	540/420	400/320	200 x 600			350/280	290/230
40 x 5	P = 62,2	100 x 100	1270/1070	950/690	730/530			200 x 300	440/330	350/290		
		150 x 150	1420/1200	1100/880	920/680	500/370		200 x 400	450/380	400/340	320/260	
		200 x 200			1050/830	610/460	440/340	200 x 500		450/390	370/290	300/240
		200 x 260			1050/860	640/490	470/370	200 x 600			410/320	330/270
50 x 5	P = 82,5	100 x 100	1750/1480	1350/1030	1080/780			200 x 300	540/420	460/370		
		150 x 150	2000/1650	1600/1250	1300/1000	730/540		200 x 400	590/470	510/420	400/340	
		200 x 200			1450/1220	880/660	620/470	200 x 500		560/470	450/390	400/320
		200 x 260			1450/1250	910/690	650/500	200 x 600			500/440	450/360
60 x 5	P = 96,5	100 x 100	2260/1910	1750/1430	1490/1080			200 x 300	700/540	590/460		
		150 x 150		1970/1670	1710/1380	990/720		200 x 400	750/590	640/510	490/410	
		200 x 200			1880/1590	1200/890	830/620	200 x 500		690/560	540/460	470/400
		200 x 260				1230/920	860/650	200 x 600			590/510	520/450
70 x 5	P = 110,5	100 x 100		2180/1840	1880/1410			200 x 300	880/670	740/570		
		150 x 150			2130/1800	1290/940		200 x 400	930/720	790/620	590/480	
		200 x 200			2350/1980	1570/1150	1080/800	200 x 500		840/670	640/530	540/460
		200 x 260			2380/1990	1600/1180	1110/830	200 x 600			690/580	590/510
80 x 5	P = 124,5	100 x 100			2270/1780			200 x 300	1090/820	900/690		
		150 x 150			2570/2170	1620/1180		200 x 400	1140/870	950/740	700/560	
		200 x 200				1990/1450	1360/1000	200 x 500		1000/790	750/610	620/520
		200 x 260				2010/1480	1390/1030	200 x 600			800/660	670/570
90 x 5	P = 138,4	100 x 100						200 x 300	1320/980	1080/820		
		150 x 150				1990/1440		200 x 400	1370/1030	1130/870	820/640	
		200 x 200				2370/1770	1660/1210	200 x 500		1180/920	870/690	710/580
		200 x 260				2370/1800	1650/1240	200 x 600			920/740	760/630
100 x 5	P = 152,4	100 x 100						200 x 300	1570/1160	1280/960		
		150 x 150				2380/1720		200 x 400	1620/1210	1330/1010	950/740	
		200 x 200				2750/2120	1990/1450	200 x 500		1380/1060	1000/790	810/650
		200 x 260				2750/2150	2020/1480	200 x 600			1050/840	860/700
110 x 5	P = 166,4	100 x 100						200 x 300	1830/1350	1495/1110		
		150 x 150				2790/2015		200 x 400	1880/1400	1545/1160	1095/840	
		200 x 200				3140/2500	2340/1700	200 x 500		1595/1210	1145/890	920/730
		200 x 260				3140/2550	2370/1730	200 x 600			1195/980	940/970
120 x 5	P = 180,4	100 x 100						200 x 300	2110/1550	1720/1270		
		150 x 150						200 x 400	2160/1600	1770/1320	1240/940	
		200 x 200					2710/1960	200 x 500		1820/1370	1290/900	1030/810
		200 x 260					2740/2000	200 x 600			1340/1040	1080/860

1 kN = 1000 N = approx. 100 kg