


# Quick Selection of Steel Gratings

## QUICK GUIDE

Except for the recommended types below, the steel grating with the bearing bar size over 75x 6 cm can also be designed and produced for application in overloaded & super-span project.


### LIGHT & MEDIUM DUTY

### MAXIMUM RECOMMENDED SPANS

Bearing Bar Size(mm)	 Available for Maintenance Platform			 Available for Pedestram			 Available for Crowded Pedestram		
	UDL=2.5kPa			UDL=3kPa			UDL=4kPa		
	Deflection=5mm			Deflection=5mm			Deflection=5mm		
	Bearing bar spacing(mm)			Bearing bar spacing(mm)			Bearing bar spacing(mm)		
	30	40	60	30	40	60	30	40	60
20×3	1190	1110	1000	1140	1060	960	1060	980	890
25×3	1410	1310	1180	1350	1250	1130	1250	1170	1050
32×3	1700	1580	1430	1620	1510	1350	1510	1400	1270
40×3	2010	1870	1690	1920	1780	1610	1780	1660	1500
20×5	1350	1260	1140	1290	1200	1090	1200	1120	1010
25×5	1600	1490	1350	1530	1420	1290	1420	1320	1200
32×5	1930	1790	1620	1840	1710	1550	1710	1590	1440
40×5	2280	2120	1920	2180	2030	1830	2030	1890	1700

### HEAVY DUTY

### MAXIMUM RECOMMENDED SPANS

Bearing Bar Size(mm)	 Factory, Workshop, Motor Rooms and Trolley Channel						 Heavy Loading Area, Boiler Equipment and Heavy Equipment Area					
	UDL=5kPa						UDL=7.5kPa					
	Deflection=5mm			Deflection=10mm			Deflection=5mm			Deflection=10mm		
	Bearing bar spacing(mm)			Bearing bar spacing(mm)			Bearing bar spacing(mm)			Bearing bar spacing(mm)		
	30	40	60	30	40	60	30	40	60	30	40	60
25×5	1350	1250	1130	1600	1490	1350	1220	1130	1020	1450	1350	1220
32×5	1620	1510	1360	1930	1790	1620	1460	1360	1230	1740	1620	1460
40×5	1920	1780	1610	2280	2120	1920	1730	1610	1460	2060	1920	1730
45×5	2090	1950	1760	2490	2320	2090	1890	1760	1590	2250	2090	1890
50×5	2270	2110	1910	2700	2510	2270	2050	1910	1720	2440	2270	2050
55×5	2440	2270	2050	2900	2700	2440	2200	2050	1850	2620	2440	2200
65×5	2760	2570	2320	3290	3060	2760	2490	2320	2100	2970	2760	2490
75×5	3080	2860	2590	3660	3400	3080	2780	2590	2340	3300	3080	2780
75×6	3220	3000	2710	3830	3560	3220	2910	2710	2440	3460	3220	2910

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