

Bearing Bar Size in mm	SPAN															
		300	450	600	750	900	1050	1200	1350	1500	1650	1800	1950	2100	2250	2400
25×3	U	11000	4880	2740	1760	1230	900	680	Unit Stress - 1650 Kg/Sq m. U- Uniformly distributed load in kg/sq.m. C-Conceltrated load in kg/meter width at mid-span. D-Deflection in Millimeters.							
	D	0.6	1.4	2.6	3.9	5.9	7.9	10.0								
	C	1660	1100	820	660	550	470	410								
	D	0.5	1.1	2.0	3.1	4.3	6.1	8.0								
25×5	U	18300	8100	4560	2920	2020	1490	1150	850							
	D	0.6	1.4	2.5	3.9	5.6	7.5	10.0	12.7							
	C	2740	1820	1370	1100	910	780	690	570							
	D	0.5	1.1	2.0	3.1	4.3	6.1	8.0	10.5							
30×3	U	15800	7100	3950	2520	1750	1290	990	780	680	600	Spans to left of heavy line produce a deflection of 6 mm or less under a uniform load of 500 kg/sq.m. This deflection is recommended as per BS 4592-1970				
	D	0.5	1.1	2.1	3.2	4.3	5.4	6.5	7.2	8.3	12.9					
	C	2370	1580	1180	950	790	670	590	520	410	400					
	D	0.4	0.9	1.6	2.6	3.7	5.0	6.6	8.3	9.4	10.3					
30×5	U	22800	11700	6580	4210	2920	2150	1610	1300	1050	860					
	D	0.5	1.1	2.1	3.2	4.3	5.4	6.5	7.2	10.8	12.9					
	C	3950	2630	1970	1580	1310	1130	980	870	780	710					
	D	0.4	0.9	1.6	2.6	3.7	5.0	6.6	8.3	9.4	13.5					
35×3	U	21500	9570	5320	3440	2390	1760	1340	1060	860	710					
	D	0.4	1.0	1.8	2.8	3.9	5.2	7.1	9.0	11.1	13.5					
	C	3220	2150	1610	1290	1070	920	800	710	640	580					
	D	0.3	0.8	1.4	2.3	3.2	4.3	5.7	7.2	8.6	10.8					
35×5	U	35800	1590	8900	5700	3980	2920	2240	1770	1430	1180	990	840			
	D	0.4	1.0	1.8	2.8	3.9	5.2	7.1	9.0	11.1	13.5	16.6	19.6			
	C	5380	3580	2680	2150	1790	1530	1340	1190	1070	980	890	820			
	D	0.3	0.8	1.4	2.3	3.2	4.3	5.7	7.2	8.6	10.8	13.1	15.7			
40×3	U	28100	12500	7100	4490	3100	2280	1740	1380	1120	920	770	660			
	D	0.3	0.8	1.5	2.4	3.5	4.8	6.2	7.9	9.7	11.8	13.8	16.4			
	C	4200	2800	2110	1690	1400	1200	1050	930	840	760	700	640			
	D	0.3	0.7	1.2	2.1	2.8	3.9	4.9	6.3	7.7	9.4	11.2	13.0			
40×5	U	47200	20800	11700	7500	5200	3820	2920	2310	1860	1650	1230	1100	950	830	
	D	0.3	0.8	1.5	2.4	3.5	4.8	6.2	7.9	9.7	11.8	13.8	16.4	19.5	20.6	
	C	7000	4680	3510	2800	2330	2010	1750	1560	1400	1270	1170	1080	1000	930	
	D	0.3	0.7	1.2	2.1	2.8	3.9	4.9	6.3	7.7	9.4	11.2	13.0	15.1	17.3	
50×3	U	59200	26300	14800	9500	6500	4830	3700	2920	2360	1950	1640	1400	1210	1050	960
	D	0.3	0.8	1.3	2.2	3.1	4.2	5.6	7.0	8.6	10.5	12.4	14.6	16.9	19.9	22.1
	C	8900	5900	4490	3550	2960	2530	2220	1970	1760	1610	1480	1370	1270	1180	1110
	D	0.2	0.6	1.0	1.7	2.5	3.4	4.4	5.6	6.9	8.3	9.9	11.7	13.5	15.5	17.7
50×5	U	73100	32500	18300	11700	8100	5900	4570	3610	2920	2410	2030	1730	1490	1300	1140
	D	0.3	0.7	1.2	2.0	2.8	3.8	5.0	6.3	7.8	9.4	11.2	13.2	15.2	17.5	19.9
	C	10900	7500	5500	4380	3660	3130	2740	2430	2190	1990	1830	1690	1560	1460	13.7
	D	0.2	0.6	1.0	1.5	2.2	3.1	4.0	5.0	6.2	7.5	9.0	10.5	12.1	14.0	15.9