

ANKIT ELECTROGRATING

LOAD CHART FOR 30MM C/C

BEARING BAR SIZE (IN MM)	TYPE OF LOAD & DEFLECTION	SPAN (IN MM)								
		300	500	750	1000	1250	1500	1650	1800	2000
25X3	UDL	11948	4301	1912	1075	688	UDL - Uniformly Distributed Load in Kg/Sq.m DEF - Deflection in mm CL - Concentrated Load in kg/m			
	DEF	0.47	1.29	2.91	5.17	8.08				
	CL	1792	1075	717	538	430				
	DEF	0.37	1.03	2.33	4.14	6.47				
25X5	UDL	19914	7169	3186	1792	1147	637			
	DEF	0.47	1.29	2.91	5.17	8.08	11.64			
	CL	2987	1792	1195	896	717	478			
	DEF	0.37	1.03	2.33	4.14	6.47	9.31			
30X3	UDL	17205	6194	2753	1548	991	797			
	DEF	0.39	1.08	2.42	4.31	6.73	11.64			
	CL	2581	1548	1032	774	619	597			
	DEF	0.31	0.86	1.94	3.45	5.39	9.31			
30X5	UDL	28675	10323	4588	2581	1652	1147	948	797	
	DEF	0.39	1.08	2.42	4.31	6.73	9.70	11.73	13.97	
	CL	4301	2581	1721	1290	1032	860	782	717	
	DEF	0.31	0.86	1.94	3.45	5.39	7.76	9.39	11.17	
32X3	UDL	19576	7047	3132	1762	1128	783	647	544	
	DEF	0.36	1.01	2.27	4.04	6.31	9.09	11.00	13.09	
	CL	2936	1762	1175	881	705	587	534	489	
	DEF	0.29	0.81	1.82	3.23	5.05	7.27	8.80	10.47	
32X5	UDL	32626	11745	5220	2936	1879	1305	1079	906	734
	DEF	0.36	1.01	2.27	4.04	6.31	9.09	11.00	13.09	16.16
	CL	4894	2936	1958	1468	1175	979	890	816	734
	DEF	0.29	0.81	1.82	3.23	5.05	7.27	8.80	10.47	12.93
40X3	UDL	30587	11011	4894	2753	1762	1223	1011	850	688
	DEF	0.29	0.81	1.82	3.23	5.05	7.27	8.80	10.47	12.93
	CL	4588	2753	1835	1376	1101	918	834	765	688
	DEF	0.23	0.65	1.45	2.59	4.04	5.82	7.04	8.38	10.34
40X5	UDL	50979	18352	8157	4588	2936	2039	1685	1416	1147
	DEF	0.29	0.81	1.82	3.23	5.05	7.27	8.80	10.47	12.93
	CL	7647	4588	3059	2294	1835	1529	1390	1274	1147
	DEF	0.23	0.65	1.45	2.59	4.04	5.82	7.04	8.38	10.34
50X3	UDL	47792	17205	7647	4301	2753	1912	1580	1328	1075
	DEF	0.23	0.65	1.45	2.59	4.04	5.82	7.04	8.38	10.34
	CL	7169	4301	2868	2151	1721	1434	1303	1195	1075
	DEF	0.19	0.52	1.16	2.07	3.23	4.66	5.63	6.70	8.28
50X5	UDL	79654	28675	12745	7169	4588	3186	2633	2213	1792
	DEF	0.23	0.65	1.45	2.59	4.04	5.82	7.04	8.38	10.34
	CL	11948	7169	4779	3584	2868	2390	2172	1991	1792
	DEF	0.19	0.52	1.16	2.07	3.23	4.66	5.63	6.70	8.28