

ANKIT ELECTROGRATING

LOAD CHART FOR 40MM 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	9137	3289	1462	822	526	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	1371	822	548	411	329				
	DEF	0.37	1.03	2.33	4.14	6.47				
25X5	UDL	15228	5482	2436	1371	877	609			
	DEF	0.47	1.29	2.91	5.17	8.08	11.64			
	CL	2284	1371	914	685	548	457			
	DEF	0.37	1.03	2.33	4.14	6.47	9.31			
30X3	UDL	13157	4737	2105	1184	758	526			
	DEF	0.39	1.08	2.42	4.31	6.73	9.70			
	CL	1974	1184	789	592	474	395			
	DEF	0.31	0.86	1.94	3.45	5.39	7.76			
30X5	UDL	21928	7894	3509	1974	1263	877	725	609	
	DEF	0.39	1.08	2.42	4.31	6.73	9.70	11.73	13.97	
	CL	3289	1974	1316	987	789	658	598	548	
	DEF	0.31	0.86	1.94	3.45	5.39	7.76	9.39	11.17	
32X3	UDL	14970	5389	2395	1347	862	599	495	416	
	DEF	0.36	1.01	2.27	4.04	6.31	9.09	11.00	13.09	
	CL	2245	1347	898	674	539	449	408	374	
	DEF	0.29	0.81	1.82	3.23	5.05	7.27	8.80	10.47	
32X5	UDL	24950	8982	3992	2245	1437	998	825	693	561
	DEF	0.36	1.01	2.27	4.04	6.31	9.09	11.00	13.09	16.16
	CL	3742	2245	1497	1123	898	748	680	624	561
	DEF	0.29	0.81	1.82	3.23	5.05	7.27	8.80	10.47	12.93
40X3	UDL	23390	8420	3742	2105	1347	936	773	650	526
	DEF	0.29	0.81	1.82	3.23	5.05	7.27	8.80	10.47	12.93
	CL	3509	2105	1403	1053	842	702	638	585	526
	DEF	0.23	0.65	1.45	2.59	4.04	5.82	7.04	8.38	10.34
40X5	UDL	38984	14034	6237	3509	2245	1559	1289	1083	877
	DEF	0.29	0.81	1.82	3.23	5.05	7.27	8.80	10.47	12.93
	CL	5848	3509	2339	1754	1403	1170	1063	975	877
	DEF	0.23	0.65	1.45	2.59	4.04	5.82	7.04	8.38	10.34
50X3	UDL	36547	13157	5848	3289	2105	1462	1208	1015	822
	DEF	0.23	0.65	1.45	2.59	4.04	5.82	7.04	8.38	10.34
	CL	5482	3289	2193	1645	1316	1096	997	914	822
	DEF	0.19	0.52	1.16	2.07	3.23	4.66	5.63	6.70	8.28
50X5	UDL	60912	21928	9746	5482	3509	2436	2014	1692	1371
	DEF	0.23	0.65	1.45	2.59	4.04	5.82	7.04	8.38	10.34
	CL	9137	5482	3655	2741	2193	1827	1661	1523	1371
	DEF	0.19	0.52	1.16	2.07	3.23	4.66	5.63	6.70	8.28