











## TYPE E RADIAL LOAD RATINGS

SHAFT SIZES	RADIAL LOAD RATINGS AT VARIOUS REVOLUTIONS PER MINUTE							
	1000	1250	1500	1750	2000	2500	3000	3500
1 3/16 1 1/4	1686	1578	1493	1427	1371	1281	1213	1159
	1213	1135	1074	1026	986	922	872	834
	1113	1041	985	941	904	904	800	765
	985	922	872	834	801	801	709	677
	845	791	748	715	687	687	608	581
1 3/8 1 7/16 35mm	2693	2521	2385	2279	2189	2047	1937	1851
	1937	1813	1716	1639	1575	1472	1393	1321
	1777	1663	1574	1504	1444	1350	1278	1221
	1574	1473	1394	1331	1279	1196	1132	1081
	1350	1264	1195	1142	1097	1026	971	928
1 1/2 1 5/8 1 11/16 40mm	3474	3252	3076	2939	2824	2640	2499	-----
	2499	2339	2213	2114	2031	1899	1797	-----
	2292	2145	2030	1939	1863	1742	1649	-----
	2030	1900	1798	1718	1650	1543	1460	-----
	1741	1630	1542	1473	1415	1323	1252	-----
1-3/4 1-7/8 1-15/16 2 45mm 50mm	4566	4274	4043	3863	3712	3470	3284	-----
	3285	3074	2908	2779	2670	2496	2362	-----
	3013	2820	2668	2549	2449	2289	2167	-----
	2668	2497	2363	2257	2169	2027	1919	-----
	2289	2142	2027	1936	1860	1739	1646	-----
2-3/16 55mm	4838	4528	4284	4093	3932	3676	-----	-----
	3480	3257	3081	2944	2829	2644	-----	-----
	3192	2988	2826	2701	2594	2425	-----	-----
	2827	2646	2503	2392	2298	2148	-----	-----
	2425	2270	2147	2052	1971	1843	-----	-----
2 1/4 2 7/16 2 1/2 60mm 65mm	5144	4814	4555	4352	4181	3908	-----	-----
	3700	3463	3276	3130	3007	2811	-----	-----
	3394	3176	3005	2871	2758	2579	-----	-----
	3005	2813	2661	2543	2443	2284	-----	-----
	2578	2413	2283	2181	2095	1959	-----	-----
2 11/16 2 3/4 2 15/16 3 70mm 75mm	5432	5084	4810	4596	4415	-----	-----	-----
	3907	3657	3460	3306	3176	-----	-----	-----
	3584	3354	3174	3032	2913	-----	-----	-----
	3174	2971	2810	2685	2580	-----	-----	-----
	2723	2548	2411	2304	2213	-----	-----	-----

Note: Because the allowable loads, especially at low speeds, are extremely high, be sure the shaft strength is adequate and pillow blocks are base loaded. When imposed load is horizontal, be sure hold-down bolts are adequate. If bearings are cap loaded, full details on load, speed and shaft size should be referred to Moline Bearing Company. Consult Moline for speeds and loads greater than listed.

\*"Minimum Hours Life" is the life expected from at least 90% of a given group of bearings operating under identical conditions (proper installation, correct alignment and maintenance). Average life will be approximately five times the minimum life.



**MOLINE BEARING CO.**