



NEW "-5DW" Design

DT Arrangement

Maximum allowable pure thrust load (lbs) for 40 degree angular contact ball bearing with machined brass retainer

Bearing	Load Rating	1 year bearing life (8750 hours)				2 year bearing life (17500 hours)			
		900 rpm	1200 rpm	1800 rpm	3600 rpm	900 rpm	1200 rpm	1800 rpm	3600 rpm
7207	11,687	2631	2391	2088	1658	2088	1898	1658	1316
7208	13,951	3141	2854	2493	1979	2493	2265	1979	1571
7209	15,667	3528	3205	2800	2222	2800	2544	2222	1764
7210	16,288	3667	3332	2911	2310	2911	2645	2310	1834
7211	20,123	4531	4117	3596	2854	3596	3267	2854	2265
7212	24,396	5493	4491	4360	3460	4360	3961	3460	2746
7213	27,828	6266	5693	4973	3947	4973	4518	3947	3133
7214	28,851	6496	5902	5156	4092	5156	4685	4092	3248
7215	32,722	7368	6694	5848	4641	5848	5313	4641	3684
7216	35,206	7927	7202	6292	4994	6292	5716	4994	3963
7217	40,538	9127	8293	7244	5750	7244	6582	5750	4564
7218	46,746	10525	9563	8354	6631	8354	7590	6631	5263
7219	50,398	11348	10310	9007	7149	9007	8183	7149	5674
7220	56,606	12746	11580	10116	8029	10116	9191	8029	6373
7221	61,719	13897	12626	11030	8754	11030	10021	8754	6948
7222	66,832	15048	13672	11944	9480	11944	10852	9480	7524
7224	71,945	16199	14718	12857	10205	12857	11682	10205	8100
7226	81,075	18255	16586	14489	11500	14489	13164	11500	9127
7228	90,205	20311	18453	16121	12795	16121	14647	12795	10155
7230	102,622	23106	20994	18340	14556	18340	16663	14556	11553

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7307	14,827	3339	3033	2650	2103	2650	2407	2103	1669
7308	18,114	4079	3706	3237	2569	3237	2941	2569	2039
7309	23,081	5197	4722	4125	3274	4125	3748	3274	2598
7310	29,399	6619	6014	5254	4170	5254	4773	4170	3310
7311	33,927	7639	6941	6063	4812	6063	5509	4812	3820
7312	38,712	8716	7919	6918	5491	6918	6286	5491	4358
7313	43,824	9868	8965	7832	6216	7832	7116	6216	4934
7314	49,302	11101	10086	8811	6993	8811	8005	6993	5550
7315	53,685	12088	10982	9594	7615	9594	8717	7615	6044
7316	58,067	13074	11879	10377	8236	10377	9428	8236	6537
7317	62,815	14143	12850	11226	8910	11226	10199	8910	7072
7318	67,197	15130	13747	12009	9531	12009	10911	9531	7565
7319	71,945	16199	14718	12857	10205	12857	11682	10205	8100
7320	76,693	17268	15689	13706	10878	13706	12453	10878	8634
7321	86,918	19571	17781	15533	12329	15533	14113	12329	9785
7322	97,144	21873	19873	17361	13779	17361	15773	13779	10937
7324	102,987	23189	21068	18405	14608	18405	16722	14608	11594
7326	113,943	25656	23310	20363	16162	20363	18501	16162	12828
7328	138,047	31083	28241	24670	19581	24670	22415	19581	15541
7330	144,986	32645	29660	25910	20565	25910	23541	20565	16323

Although care has been taken in producing this information, Midpoint Bearing will not be liable for any errors or omissions.