



NEW "-5DW" Design

DTD 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	15,522	3495	3175	2774	2202	2774	2520	2202	1747
7208	18,529	4172	3791	3311	2628	3311	3009	2628	2086
7209	20,809	4685	4257	3719	2952	3719	3379	2952	2343
7210	21,634	4871	4426	3866	3753	3866	3513	3069	2979
7211	26,727	6018	5468	4776	3791	4776	4340	3791	3009
7212	32,402	7296	6629	5791	4596	5791	5261	4596	3648
7213	36,962	8322	7561	6605	5243	6605	6001	5243	4161
7214	38,320	8628	7839	6848	5435	6848	6222	5435	4314
7215	43,462	9786	8891	7767	6165	7767	7057	6165	4893
7216	46,760	10529	9566	8357	6633	8357	7592	6633	5264
7217	53,842	12123	11015	9622	7637	9622	8742	7637	6062
7218	62,088	13980	12701	11096	8807	11096	10081	8807	6990
7219	66,939	15072	13694	11963	9495	11963	10869	9495	7536
7220	75,185	16929	15381	13436	10664	13436	12208	10664	8464
7221	81,976	18458	16770	14650	11628	14650	13310	11628	9229
7222	88,767	19987	18159	15863	12591	15863	14413	12591	9993
7224	95,557	21516	19548	17077	13554	17077	15516	13554	10758
7226	107,684	24246	22029	19244	15274	19244	17485	15274	12123
7228	119,811	26977	24510	21411	16994	21411	19454	16994	13488
7230	136,303	30690	27884	24359	19334	24359	22131	23647	15345

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7307	19,694	4434	4029	3519	2793	3519	3198	2793	2217
7308	24,059	5417	4922	4300	3413	4300	3906	3413	2709
7309	30,656	6903	6271	5479	4348	5479	4978	4348	3451
7310	39,048	8792	7988	6978	5539	6978	6340	5539	4396
7311	45,062	10146	9219	8053	6392	8053	7317	6392	5073
7312	51,417	11577	10518	9189	7293	9189	8348	7293	5789
7313	58,208	13106	11908	10402	8256	10402	9451	8256	6553
7314	65,484	14744	13396	11703	9288	11703	10632	9288	7372
7315	71,304	16055	14587	12743	10114	12743	11578	10114	8027
7316	77,125	17366	15778	13758	10940	13783	12523	10940	8683
7317	83,431	18785	17068	14910	11834	14910	13547	11834	9393
7318	89,252	20096	18258	15950	12660	15950	14492	12660	10048
7319	95,557	21516	19548	17077	13554	17077	15516	13554	10758
7320	101,863	22936	20838	18204	14449	18204	16539	14449	11468
7321	115,445	25994	23617	20631	16375	20631	18745	16375	12997
7322	129,027	29052	26395	23058	18301	23058	20950	18301	14526
7324	136,788	30799	27983	24445	19402	24445	22210	19402	15400
7326	151,340	34076	30960	27046	21466	27046	24573	21466	17038
7328	183,354	41284	37509	32767	26007	32767	29771	26007	20642
7330	192,570	43359	39394	34414	27315	34414	31267	27315	21680

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