



**NEW "-5DW" Design**

**Single 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	7,194	1620	1472	1286	1020	1286	1168	1020	810
7208	8,588	1934	1757	1535	1218	1535	1394	1218	967
7209	9,644	2172	1973	1724	1368	1724	1566	1368	1086
7210	10,026	2258	2051	1792	1422	1792	1628	1422	1129
7211	12,387	2789	2534	2214	1757	2214	2011	1757	1395
7212	15,017	3381	3072	2684	2130	2684	2438	2130	1691
7213	17,130	3857	3504	3061	2430	3061	2781	2430	1929
7214	17,760	3999	3633	3174	2519	3174	2884	2519	1999
7215	20,143	4535	4121	3600	2857	3600	3271	2857	2268
7216	21,672	4880	4433	3873	3074	3873	3519	3074	2440
7217	24,954	5619	5105	4459	3540	4459	4052	3540	2809
7218	28,776	6479	5887	5142	4082	5142	4672	4082	3240
7219	31,024	6985	6347	5544	4400	5544	5037	4400	3493
7220	34,845	7846	7128	6227	4943	6227	5658	4943	3923
7221	37,993	8554	7772	6790	5389	6790	6169	5389	4277
7222	41,140	9263	8416	7352	5835	7352	6680	5835	4632
7224	44,287	9972	9060	7915	6282	7915	7191	6282	4986
7226	49,908	11237	10210	8919	7079	8919	8103	7079	5619
7228	55,528	12503	11359	9923	7876	9923	9016	7876	6251
7230	63,171	14224	12923	11289	8960	11289	10257	8960	7112

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		900 rpm	1200 rpm	1800 rpm	3600 rpm	900 rpm	1200 rpm	1800 rpm	3600 rpm
7307	9,127	2055	1867	1631	1295	1631	1482	1295	1028
7308	11,151	2511	2281	1993	1582	1993	1810	1582	1255
7309	14,208	3199	2907	2539	2015	2539	2307	2015	1600
7310	18,097	4075	3702	3234	2567	3234	2938	2567	2037
7311	20,885	4702	4272	3732	2962	3732	3391	2962	2351
7312	23,830	5366	4875	4259	3380	4259	3869	3380	2683
7313	26,977	6074	5519	4821	3826	4821	4380	3826	3037
7314	30,349	6833	6209	5424	4305	5424	4928	4305	3417
7315	33,047	7441	6760	5906	4687	5906	5366	4687	3720
7316	35,745	8048	7312	6388	5070	6388	5804	5070	4024
7317	38,667	8706	7910	6910	5485	6910	6278	5485	4353
7318	41,365	9314	8462	7392	5867	7392	6716	5867	4657
7319	44,287	9972	9060	7915	6282	7915	7191	6282	4986
7320	47,210	10630	9658	8437	6696	8437	7665	6696	5315
7321	53,505	12407	10946	9562	7589	9562	8687	7589	6024
7322	59,799	13464	12233	10687	8482	10687	9710	8482	6732
7324	63,396	14274	12969	11330	8992	11330	10294	8992	7137
7326	70,140	15793	14349	12535	9949	12535	11389	9949	7896
7328	84,978	19134	17384	15186	12053	15186	13798	12053	9567
7330	89,249	20095	18258	15950	12659	15950	14491	12659	10048

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