



**MIDPOINT
BEARING**

DISTRIBUTORS OF BEARINGS & POWER TRANSMISSION PRODUCTS

Nominal Bore diameter d (mm)		Radial Internal Clearance of Single Row Deep Groove Ball Bearings										Units: Inches	
		C2		*CM		C0 or CN (standard)		**C3		C4			
Over	Including	Low	High	Low	High	Low	High	Low	High	Low	High		
10	18	0.0000	0.0004	0.00015	0.00043	0.0001	0.0005	0.0004	0.0010	0.0007	0.0013		
18	24	0.0000	0.0004	0.00019	0.00047	0.0002	0.0008	0.0005	0.0011	0.0008	0.0014		
24	30	0.0000	0.0004	0.00019	0.00047	0.0002	0.0008	0.0005	0.0011	0.0009	0.0016		
30	40	0.0000	0.0004	0.00035	0.00066	0.0002	0.0008	0.0006	0.0013	0.0011	0.0018		
40	50	0.0000	0.0004	0.00035	0.00066	0.0002	0.0009	0.0007	0.0014	0.0012	0.0020		
50	65	0.0000	0.0006	0.00047	0.00086	0.0003	0.0011	0.0009	0.0017	0.0015	0.0024		
65	80	0.0000	0.0006	0.00047	0.00086	0.0004	0.0012	0.0010	0.0020	0.0018	0.0028		
80	100	0.0000	0.0007	0.00070	0.00118	0.0005	0.0014	0.0012	0.0023	0.0021	0.0033		
100	120	0.0001	0.0008	0.00070	0.00118	0.0006	0.0016	0.0014	0.0026	0.0024	0.0038		
120	140	0.0001	0.0009	0.00094	0.00149	0.0007	0.0019	0.0016	0.0032	0.0028	0.0045		
140	160	0.0001	0.0009	0.00094	0.00149	0.0007	0.0021	0.0018	0.0036	0.0032	0.0051		
<p>* CM clearance was developed for electric motor manufactures in Japan requiring tighter tolerances for housing and shaft fits. This clearance is not suitable for applications requiring larger than standard radial internal clearance.</p>													
<p>** C3 clearance is the standard aftermarket clearance used in the electric motor and pump repair industry</p>													

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