

# Radial Internal Clearance

In Single Row Deep Groove Ball Bearings Under No Load

Nominal Bore Diameter d (mm)		RADIAL INTERNAL CLEARANCE								Units: Inches	
		C2		*CM		CO (STANDARD)		C3		C4	
OVER	INCL.	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH
10	18	.0000	.0004	.00015	.00043	.0001	.0005	.0004	.0010	.0007	.0013
18	24	.0000	.0004	.00019	.00047	.0002	.0008	.0005	.0011	.0008	.0014
24	30	.0000	.0004	.00019	.00047	.0002	.0008	.0005	.0011	.0009	.0016
30	40	.0000	.0004	.00035	.00066	.0002	.0008	.0006	.0013	.0011	.0018
40	50	.0000	.0004	.00035	.00066	.0002	.0009	.0007	.0014	.0012	.0020
50	65	.0000	.0006	.00047	.00086	.0003	.0011	.0009	.0017	.0015	.0024
65	80	.0000	.0006	.00047	.00086	.0004	.0012	.0010	.0020	.0018	.0028
80	100	.0000	.0007	.00070	.00118	.0005	.0014	.0012	.0023	.0021	.0033
100	120	.0001	.0008	.00070	.00118	.0006	.0016	.0014	.0026	.0024	.0038
120	140	.0001	.0009	.00094	.00149	.0007	.0019	.0016	.0032	.0028	.0045
140	160	.0001	.0009	.00094	.00149	.0007	.0021	.0018	.0036	.0032	.0051

\* CM CLEARANCE DEVELOPED FOR ELECTRIC MOTOR MANUFACTURES  
IN JAPAN REQUIRES TIGHTER TOLERANCES FOR HOUSING AND SHAFT FITS.

