

Dynamic Equivalent Load

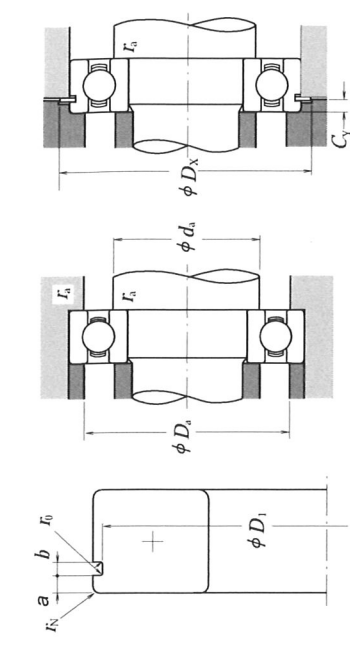
P = XFr + YFa

Table with columns for Fr/Fcr, Fa/Fr, X, Y, and Fa/Fr > e. Values range from 0.172 to 6.89.

Static Equivalent Load

F0 > 0.8, P0 = 0.6Fr + 0.5Fa

F0 < 0.8, P0 = Fr



Main bearing data table with columns for dimensions (D, B, r, etc.), load ratings (Cr, C0r), and mass. Rows are organized by bore diameter (25, 28, 30, 32, 35, 40, 45).

Remarks 1. Diameter Series 7 (extra thin section bearings) are also available, please contact NSK. 2. When using bearings with rotating outer rings, contact NSK if they are sealed, shielded, or have snap rings.

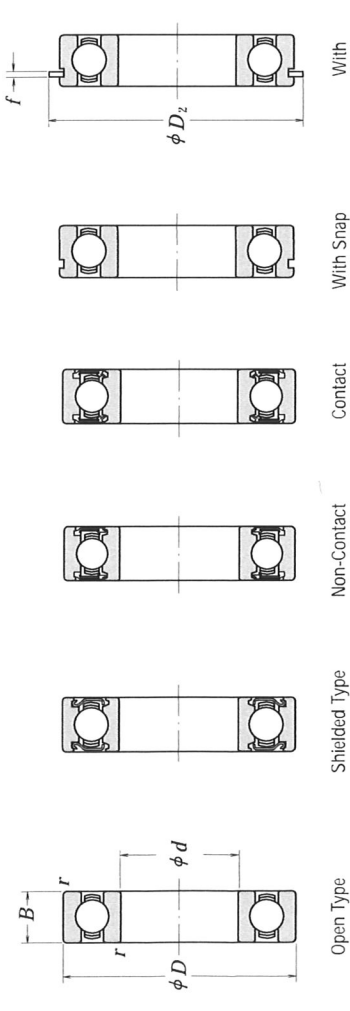


Table with columns for bearing types (ZZ, VV, DD, etc.), limiting speeds (Grease, Oil), factor f0, and bearing numbers. Rows correspond to bore diameters 25, 28, 30, 32, 35, 40, 45.

Notes (1) For tolerances for the snap ring grooves and snap ring dimensions, refer to Pages A50 to A53. (2) When heavy axial loads are applied, increase da and decrease Dk from the above values. (3) Ring types N and NR applicable only to open-type bearings. Please consult NSK about the snap ring groove dimensions of sealed or shielded bearings.