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Angular Contact Ball Bearings

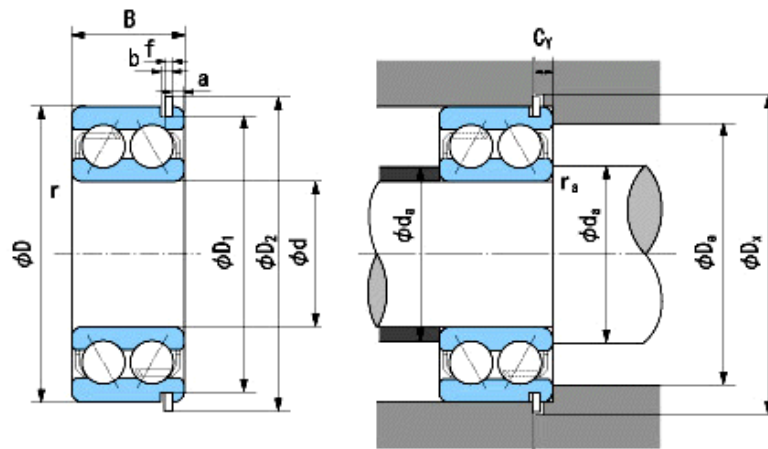
Bearing No. : **NACHI 5209NR**

Bearing Type
Clearance
Tolerance Class

(0.006~0.023)

Dimensions

$d = 45$ 0
 -0.012
 $D = 85$ 0
 -0.015
 $B = 30.2$ 0
 -0.120
 $r = 1.1 \sim 2$
 (Radial Direction)
 $r = 1.1 \sim 3.5$
 (Axial Direction)
 $D1(\max) = 81.81$
 $a(\max) = 3.28$
 $b(\max) = 1.9$
 $D2(\max) = 91.6$
 $f(\max) = 1.7$



Dimensions
 $d_a(\min) = 52$
 $D_a(\max) = 78$
 $r_a(\max) = 1$
 $D_x(\min) = 93$
 $C_y(\max) = 4.7$
 Mass = 0.62 kg

Basic Dynamic Load Rating C_r : **51,000** N
 Basic Static Load Rating C_{or} : **39,000** N
 Limiting Speed ;
 Grease Lubrication : **5,500** min^{-1}
 Oil Lubrication : **7,500** min^{-1}

	INNER RING	OUTER RING
O.D.Surface Runout with Side :		-
Axial Runout with Bore :	-	-
Axial Runout with Raceway :	-	-
Width Variation :	0.020	0.020
Radial Runout :	0.015	0.035