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# Angular Contact Ball Bearings

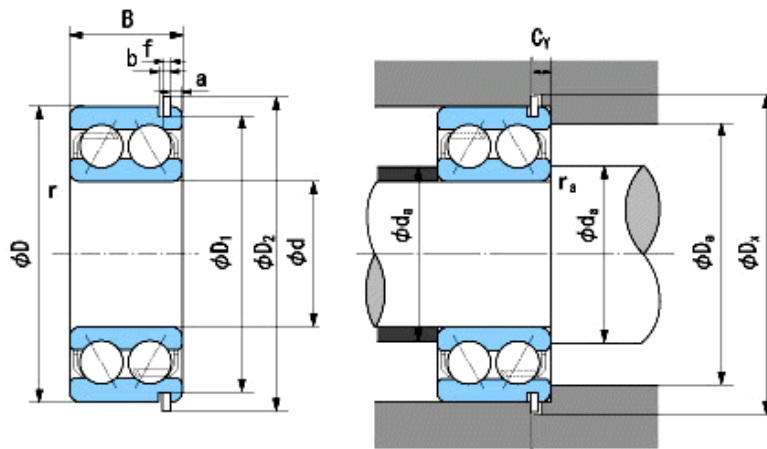
Bearing No. : **NACHI 5210NR**

**Bearing Type** 
**Clearance** 
**Tolerance Class**

(0.006~0.023)

**Dimensions**

$d = 50$  0  
 -0.012  
 $D = 90$  0  
 -0.015  
 $B = 30.2$  0  
 -0.120  
 $r = 1.1 \sim 2$   
 (Radial Direction)  
 $r = 1.1 \sim 3.5$   
 (Axial Direction)  
 $D1(\max) = 86.79$   
 $a(\max) = 3.28$   
 $b(\max) = 2.7$   
 $D2(\max) = 96.5$   
 $f(\max) = 2.46$



**Dimensions**  
 $d_a(\min) = 57$   
 $D_a(\max) = 83$   
 $r_a(\max) = 1$   
 $D_x(\min) = 98$   
 $C_\gamma(\max) = 5.4$   
 Mass = 0.67 kg

Basic Dynamic Load Rating  $C_r$  : **54,500** N  
 Basic Static Load Rating  $C_{or}$  : **44,500** N  
 Limiting Speed ;  
 Grease Lubrication : **5,000**  $\text{min}^{-1}$   
 Oil Lubrication : **6,700**  $\text{min}^{-1}$

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