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# Angular Contact Ball Bearings

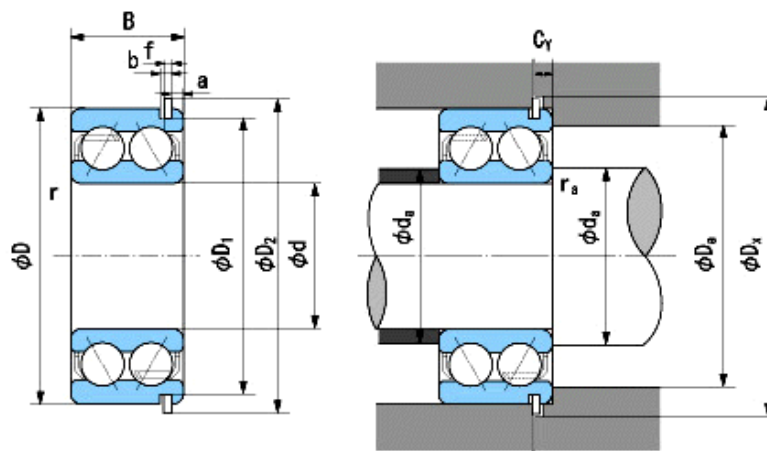
Bearing No. : **NACHI 5220NR**

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

(0.012~0.036)

**Dimensions**

$d = 100$  0  
 -0.020  
 $D = 180$  0  
 -0.025  
 $B = 60.3$  0  
 -0.200  
 $r = 2.1\sim 4$   
 (Radial Direction)  
 $r = 2.1\sim 6.5$   
 (Axial Direction)  
 $D1(\max) = 173.66$   
 $a(\max) = 5.69$   
 $b(\max) = 3.5$   
 $D2(\max) = 192.9$   
 $f(\max) = 3.1$



**Dimensions**  
 $d_a(\min) = 112$   
 $D_a(\max) = 168$   
 $r_a(\max) = 2$   
 $D_x(\min) = 195$   
 $C_\gamma(\max) = 8.4$   
 Mass = 5.78 kg

Basic Dynamic Load Rating  $C_r$  : **168,000** N  
 Basic Static Load Rating  $C_{or}$  : **159,000** N  
 Limiting Speed ;  
 Grease Lubrication : **2,400** min<sup>-1</sup>  
 Oil Lubrication : **3,200** min<sup>-1</sup>

	INNER RING	OUTER RING
O.D.Surface Runout with Side :		-
Axial Runout with Bore :	-	-
Axial Runout with Raceway :	-	-
Width Variation :	<b>0.025</b>	<b>0.025</b>
Radial Runout :	<b>0.025</b>	<b>0.045</b>