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# Self-aligning Ball Bearings

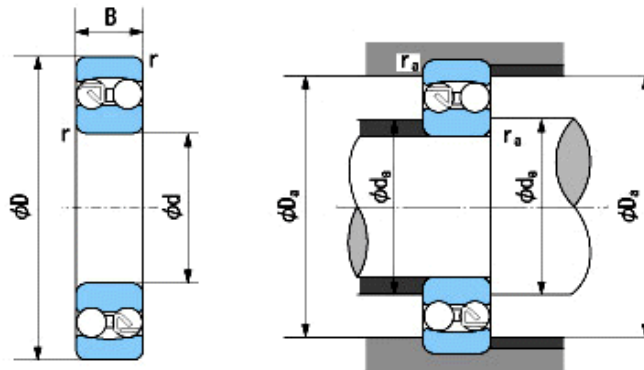
Bearing No. : **NACHI 1307**

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

(0.013~0.029)

**Dimensions**

$d = 35$   $\begin{matrix} 0 \\ -0.012 \end{matrix}$   
 $D = 80$   $\begin{matrix} 0 \\ -0.013 \end{matrix}$   
 $B = 21$   $\begin{matrix} 0 \\ -0.120 \end{matrix}$   
 $r = 1.5 \sim 2.3$   
 (Radial Direction)  
 $r = 1.5 \sim 4$   
 (Axial Direction)



**Dimensions**

$d_a(\min) = 43$   
 $D_a(\max) = 72$   
 $r_a(\max) = 1.5$   
 Mass = 0.510 kg

Basic Dynamic Load Rating  $C_r$  : **25,100** N  
 Basic Static Load Rating  $C_{or}$  : **7,850** N  
 Limiting Speed ;  
 Grease Lubrication : **7,600**  $\text{min}^{-1}$   
 Oil Lubrication : **9,300**  $\text{min}^{-1}$

	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>0.025</b>