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# Angular Contact Ball Bearings

Bearing No. : **NACHI 5207A-2NS**

■ **Bearing Type**

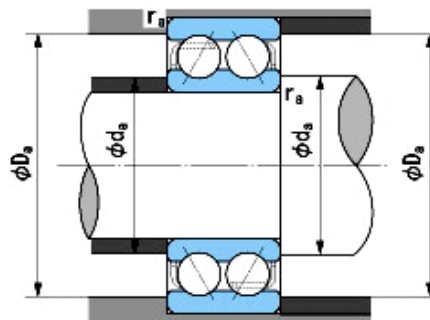
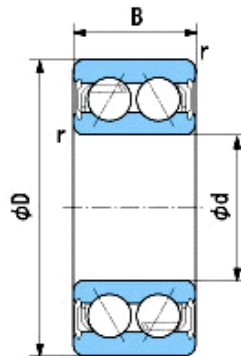
■ **Clearance**

■ **Tolerance Class**

(0.006~0.020)

**Dimensions**

d = 35  $\begin{matrix} 0 \\ -0.012 \end{matrix}$   
 D = 72  $\begin{matrix} 0 \\ -0.013 \end{matrix}$   
 B = 27  $\begin{matrix} 0 \\ -0.120 \end{matrix}$   
 r = 1.1~2  
 (Radial Direction)  
 r = 1.1~3.5  
 (Axial Direction)



**Dimensions**  
 da(min) = 42  
 Da(max) = 65  
 ra(max) = 1  
 Mass = 0.43 kg

Basic Dynamic Load Rating Cr : **33,000** N  
 Basic Static Load Rating Cor : **24,500** N  
 Limiting Speed ;  
 Grease Lubrication : **6,000** min<sup>-1</sup>  
 Oil Lubrication : - 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>0.020</b> | <b>0.020</b> |
| Radial Runout :                | <b>0.015</b> | <b>0.025</b> |