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# Angular Contact Ball Bearings

Bearing No. : **NACHI 5208NR**

■ Bearing Type Snap Ring ▼

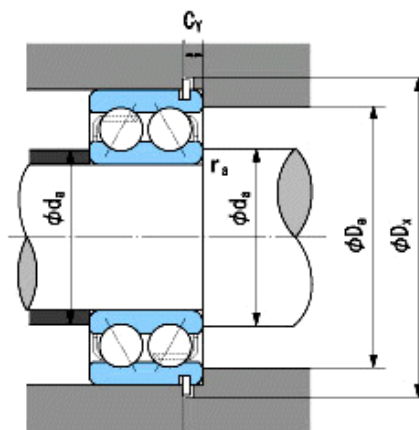
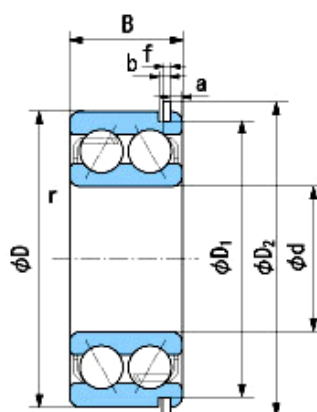
■ Clearance CN(Normal) ▼

■ Tolerance Class Normal Class ▼

(0.006~0.020)

## Dimensions

d = 40  
0  
-0.012  
D = 80  
0  
-0.013  
B = 30.2  
0  
-0.120  
r = 1.1~2  
(Radial Direction)  
r = 1.1~3.5  
(Axial Direction)  
D1(max) = 76.81  
a(max) = 3.28  
b(max) = 1.9  
D2(max) = 86.6  
f(max) = 1.7



## Dimensions

da(min) = 47  
Da(max) = 73  
ra(max) = 1  
Dx(min) = 88  
Cy(max) = 4.7  
Mass = 0.57 kg

Basic Dynamic Load Rating Cr : **45,500** N  
Basic Static Load Rating Cor : **34,000** N  
Limiting Speed ;  
Grease Lubrication : **6,000** min<sup>-1</sup>  
Oil Lubrication : **8,000** 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> |