



**Model: 309-ZNR**

Basic size of  
 mm

d:	45
D:	100
B:	25

The basic rated load is  
 kN

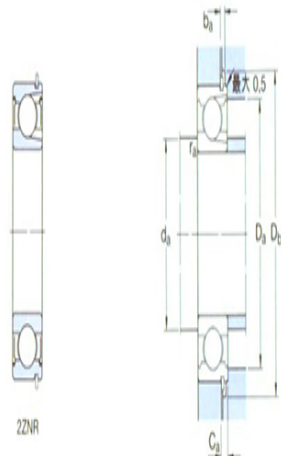
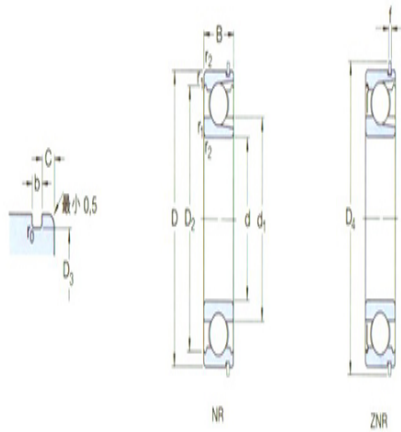
trends C:	59.4
static state Co:	46.5
Fatigue load limit Pu:	1.96

Rated rotation speed is  
 r/min

Refer to the speed:	13000
Limit speed <sup>1)</sup> :	8000
Mass kg:	0.88

model

Bearing open type:	309NR
Dust cover on one side:	309-ZNR
There are dust covers on both sides:	309-2ZNR
snap ring:	SP100



Dimensions are  
 mm

d:	45
d1 ~ :	55.9
D2 ~ :	86.7
D3:	96.8
D4:	106.5
f:	2.46
b:	2.7
C:	3.28
r <sub>0</sub> the max:	0.6
r <sub>1,2</sub> the min:	1.5

Shoulder gear and chamfer size  
mm

$d_a$ the min:	53
$D_a$ the max:	92
$D_b$ the min:	108
$b_a$ the min:	3
$C_a$ the max:	5.74
$r_a$ the max:	1.5