



**Model: SP85**

Basic size of  
 mm

d:	45
D:	85
B:	19

The basic rated load is  
 kN

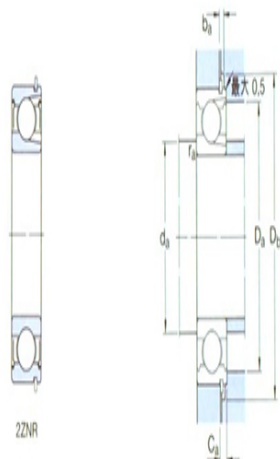
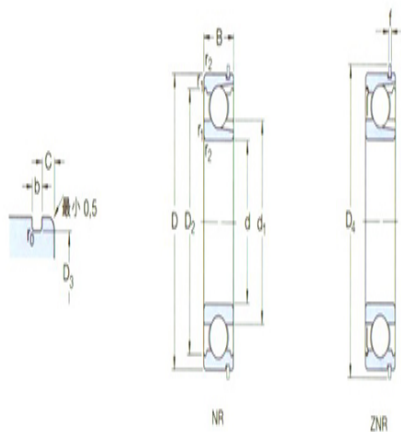
trends C:	39.6
static state Co:	32.5
Fatigue load limit Pu:	1.37

Rated rotation speed is  
 r/min

Refer to the speed:	14000
Limit speed <sup>1)</sup> :	9000
Mass kg:	0.44

model

Bearing open type:	209NR
Dust cover on one side:	209-ZNR
There are dust covers on both sides:	209-2ZNR
snap ring:	SP85



Dimensions are  
 mm

d:	45
d1 ~ :	52.5
D2 ~ :	75.2
D3:	81.81
D4:	91.6
f:	1.7
b:	1.9
C:	3.28
r <sub>0</sub> the max:	0.6
r <sub>1,2</sub> the min:	1.1

Shoulder gear and chamfer size

mm

$d_a$ the min:	51.5
$D_a$ the max:	78.5
$D_b$ the min:	93
$b_a$ the min:	2.2
$C_a$ the max:	4.98
$r_a$ the max:	1