

**Model: SP85**

Basic size of  
mm

d:	45
D:	85
B:	19

The basic rated load is  
kN

trends C:	35.1
static state Co:	21.6
Fatigue load limit Pu:	0.915

Rated rotation speed is  
r/min

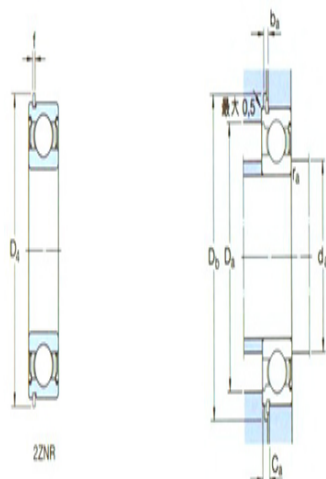
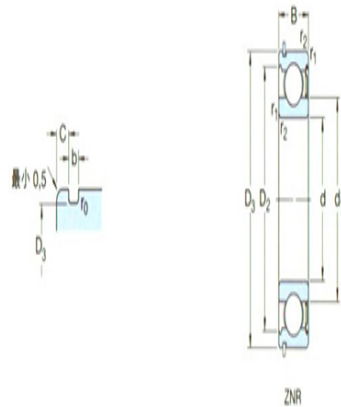
Refer to the speed:	17000
Limit speed <sup>1)</sup> :	11000
Mass kg:	0.41

model

Bearing belt stop slot:	*6209-ZNR
Stop slot and stop ring:	*6209-2ZNR
snap ring:	SP85

Dimensions are  
mm

d:	45
d1 ~ :	57.6
D1 ~ :	75.2
D3:	81.81
D4:	91.6
b:	1.9
f:	1.7
C:	3.28
r <sub>1,2</sub> the min:	1.1
r <sub>0</sub> the max:	0.6



Shoulder gear and chamfer size  
mm

$d_a$ the min:	52
$D_a$ the max:	78
$D_b$ the min:	93
$b_a$ the min:	2.2
$C_a$ the max:	4.98
$r_a$ the max:	1

Calculation coefficient

$k_r$ :	0.025
$f_o$ :	14