

**Model: SP120**

Basic size of  
mm

d:	55
D:	120
B:	29

The basic rated load is  
kN

trends C:	74.1
static state Co:	45
Fatigue load limit Pu:	1.9

Rated rotation speed is  
r/min

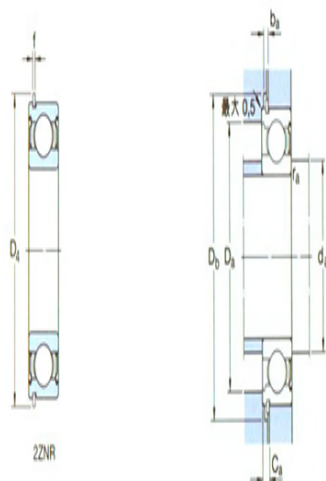
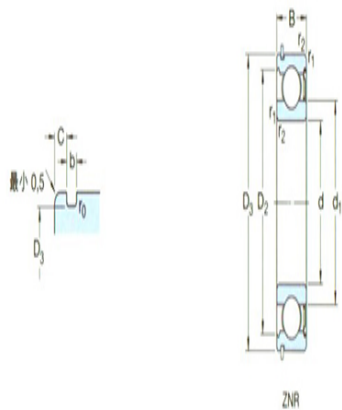
Refer to the speed:	12000
Limit speed <sup>1)</sup> :	8000
Mass kg:	1.35

model

Bearing belt stop slot:	*6311-ZNR
Stop slot and stop ring:	*6311-2ZNR
snap ring:	SP120

Dimensions are  
mm

d:	55
d1 ~ :	75.3
D1 ~ :	104
D3:	115.21
D4:	129.7
b:	3.1
f:	2.82
C:	4.06
r <sub>1,2</sub> the min:	2
r <sub>0</sub> the max:	0.6



Shoulder gear and chamfer size  
mm

$d_a$ the min:	66
$D_a$ the max:	109
$D_b$ the min:	131
$b_a$ the min:	3.5
$Ca$ the max:	6.88
$r_a$ the max:	2

Calculation coefficient

$k_r$ :	0.03
$fo$ :	13