



**Model: SP125**

Basic size of

mm

d:	70
D:	125
B:	24

The basic rated load is

kN

trends C:	63.7
static state Co:	45
Fatigue load limit Pu:	1.9

Rated rotation speed is

r/min

Refer to the speed:	11000
Limit speed <sup>1)</sup> :	7000
Mass kg:	1.05

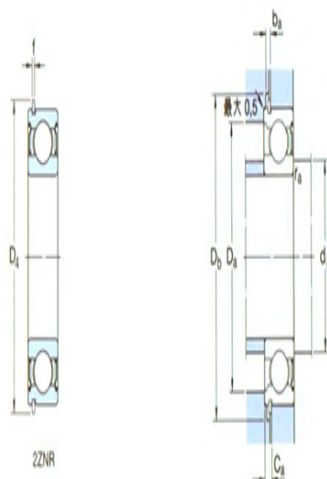
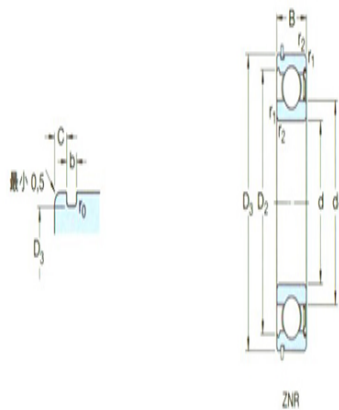
model

Bearing belt stop slot:	*6214-ZNR
Stop slot and stop ring:	*6214-2ZNR
snap ring:	SP125

Dimensions are

mm

d:	70
d1 ~ :	87.1
D1 ~ :	111
D3:	120.22
D4:	134.7
b:	3.1
f:	2.82
C:	4.06
r <sub>1,2</sub> the min:	1.5
r <sub>0</sub> the max:	0.6



Shoulder gear and chamfer size

mm

$d_a$ the min:	79
$D_a$ the max:	116
$D_b$ the min:	136
$b_a$ the min:	3.5
$C_a$ the max:	6.88
$r_a$ the max:	1.5

Calculation coefficient

$k_r$ :	0.025
$f_o$ :	15