

**Model: SP100**

Basic size of

mm

d:	45
D:	100
B:	25

The basic rated load is

kN

trends C:	55.3
static state Co:	31.5
Fatigue load limit Pu:	1.34

Rated rotation speed is

r/min

Refer to the speed:	15000
Limit speed <sup>1)</sup> :	9500
Mass kg:	0.83

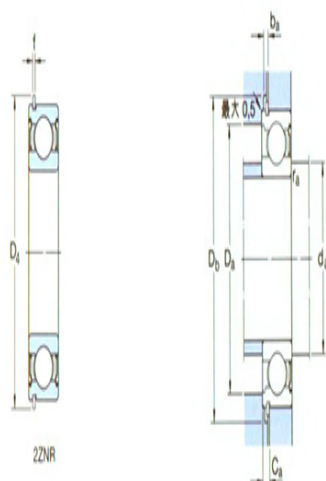
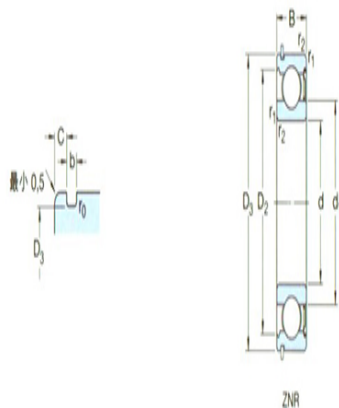
model

Bearing belt stop slot:	*6309-ZNR
Stop slot and stop ring:	*6309-2ZNR
snap ring:	SP100

Dimensions are

mm

d:	45
d1 ~ :	62.2
D1 ~ :	86.7
D3:	96.8
D4:	106.5
b:	2.7
f:	2.46
C:	3.28
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:	54
$D_a$ the max:	91
$D_b$ the min:	108
$b_a$ the min:	3
$C_a$ the max:	5.74
$r_a$ the max:	1.5

Calculation coefficient

$k_r$ :	0.03
$f_o$ :	13