



**Model: SP80**

Basic size of

mm

d:	35
D:	80
B:	21

The basic rated load is

kN

trends C:	35.1
static state Co:	19
Fatigue load limit Pu:	0.815

Rated rotation speed is

r/min

Refer to the speed:	19000
Limit speed <sup>1)</sup> :	12000
Mass kg:	0.46

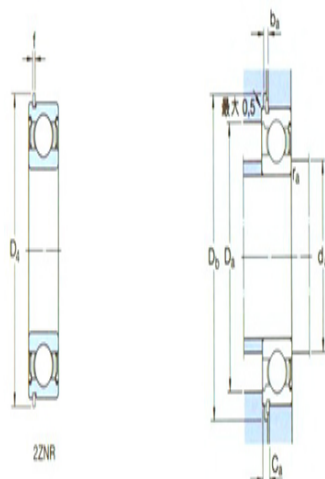
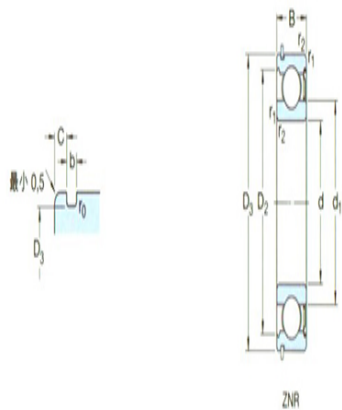
model

Bearing belt stop slot:	*6307-ZNR
Stop slot and stop ring:	*6307-2ZNR
snap ring:	SP80

Dimensions are

mm

d:	35
d1 ~ :	49.6
D1 ~ :	69.2
D3:	76.81
D4:	86.6
b:	1.9
f:	1.7
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:	44
$D_a$ the max:	71
$D_b$ the min:	88
$b_a$ the min:	2.2
$Ca$ the max:	4.98
$r_a$ the max:	1.5

Calculation coefficient

$k_r$ :	0.03
$fo$ :	13